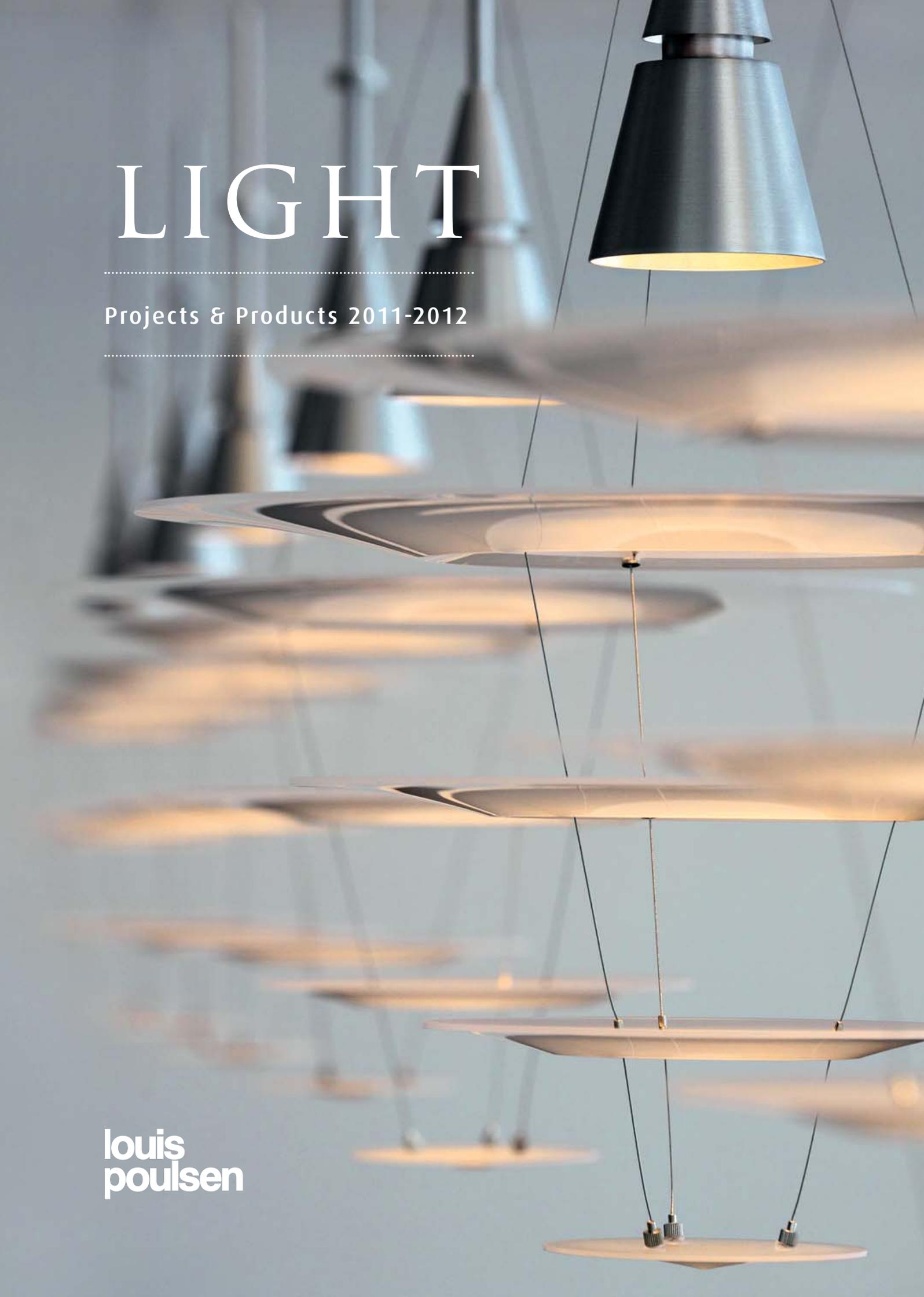


# LIGHT



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Projects & Products 2011-2012

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**louis  
poulsen**

# LIGHT

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Projects & Products 2011-2012

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# FUNCTION, COMFORT AND AMBIENCE

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Our lighting philosophy can be expressed very simply. Functionality, comfort and ambience are the values that infuse all our products, projects and partnerships - and these are also the values which have inspired us in the production of this catalogue.

## FUNCTION

The catalogue is a functional innovation in that it is our first digital publication - and it provides us with exciting new opportunities. For example, each product now has a QR code, which you can scan with a Smart phone and gain direct access to product specifications. You will of course still find key product information in the catalogue.

## COMFORT

Our catalogues are widely praised for their aesthetic quality but they must also be easy and pleasant to use. And we experiment with the layout all the time: this year we have condensed the catalogue down to a 300-page paper cover edition which is easy to browse through and carry. And at the same time our entire product range is pictured on the cover - providing an easy overview.

## AMBIENCE

At Louis Poulsen our aim is always to make products that help create the perfect ambience. From time to time we learn that our products are included in projects that are so visionary, elaborate and stunning that even we are proud and uplifted! We are keen to share these feelings with you, presenting a string of spectacular projects by some of the world's most talented architects and lighting designers. We hope you will enjoy reading how colleagues around the world have successfully united our values 'functionality, comfort and ambience' in unique projects which serve and please countless people every single day.

Finally, we would like to express our thanks for the inspiring and constructive feedback we have received from some of the many dedicated readers of our catalogues across the world - it is also thanks to you that this catalogue has become what it is today. Enjoy your reading!

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**louis  
poulsen**

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# P

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## IN PERFECT HARMONY WITH ITS SURROUNDINGS

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If you happen to find yourself in New York, on the streets of Soho on a particularly clear evening and you come across a large glass and steel building on one of this neighbourhood's most coveted corners, be sure to look up:

You might just catch a glimpse of something very beautiful indeed: a large glowing orb of light, a luminous sphere floating in space, high above the city streets.

*Could it be the moon?*

No, in fact, it's Poul Henningsen's legendary Artichoke luminaire – hanging from the glass ceiling of a penthouse apartment in a building designed by the famous French architect, Jean Nouvel. This particular Artichoke, crafted in glass, found its way to New York courtesy of interior architects, Peter L. Shelton and Lee F. Mindel of Shelton, Mindel & Associates. Two of New York's most prestigious design aficionados, they have masterminded the redesign of this two-storey penthouse.

"We needed a sculptural element that could hold its own in a space of this scale, something that wouldn't just disappear," says Mindel. "We needed something that would be in harmony with its surroundings, but that would also stand out as a unique entity."

And what better choice than the Artichoke? When the lamp arrived, each of its 72 glass components was individually wrapped. It was then custom-assembled on the premises and the delicate glass leaves were added one by one. Collectively, they artfully disguise the light source inside. Today, the Artichoke hangs directly above a Poul Kjaerholm PK54 table, flanked by six lime green Arne Jacobsen chairs – an interesting conversation between Danish design greats.

"The Artichoke is so in tune with the surroundings – it feels organic – it looks like the centre of a flower, with these green chairs as petals. In a way, it grounds the space and yet it also lets light pass in and around it. There is a celestial atmosphere to it," adds Mindel.

Yes, here in this penthouse, 53 years after it was originally designed, the Artichoke floats in orbit, the elevated centrepiece of a very beautiful microcosm high above the buzz of downtown Manhattan.

*Natalia Rachlin*

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## DESIGN SUSTAINABILITY

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The Orbiter post light is a typical example of a Louis Poulsen fixture – characterised as it is by great functional durability and timeless design. Many of our lights are actually more contemporary today than when they were created 50, or even 80, years ago.



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This means our products fit neatly into the Danish design tradition, which designer Mads Odgaard succinctly sums up as follows: "Danes feel it is immoral to be extravagant. As a result, our products are often simple in their expression".

The designer of the Orbiter post light, Jens Møller-Jensen, was a classic representative of Danish design. Modesty is a word which is often linked to Jens Møller-Jensen as a designer, and to his products. He himself describes Orbiter as a light post consisting of a jam jar, a tin can and a road sign. Nonetheless, it is world-renowned today, and probably the fixture which has provided most inspiration for modern outdoor lighting.

Few people think about it, but in order to maintain design and functional relevance we continually upgrade our fixtures. For example, the light source for the Orbiter post light has changed five times during its lifetime. Often these upgrades are straightforward, and can be done without major impact on the basic principles of the lighting.

In other cases such upgrades may be a challenge, such that it is only just possible to marry the light source with the existing design. This was true, for example, for integration of the compact fluorescent tube, where the result was a compromise between the light design, a difficult light source, and the desire to preserve lighting comfort.

Most recently, LED light sources have represented such major challenges for the Orbiter post light that the upgrade has resulted in a completely new design. Compromises have been avoided, and the result is perfect. Respect for the original idea combined with an innovative approach has resulted in a modern post light which retains its classic virtues.

At the outset of the design process, the original light distribution

of the Orbiter light post was analysed and assessed for possible optimisation. It quickly became apparent that the anti-glare ring would play a key role in the solution – not just as a screen, but as an anchor point for positioning the LEDs.

Unfortunately this interfered greatly with the light's renowned lighting comfort, and we therefore had to redefine the anti-glare ring concept. The solution was not the easiest, but is the right one. By using separate LEDs for upward-directed and downward-directed light, it was possible to control the proportion of light going to the top shade, and the downward lighting which provides 75% of the total light.

The anti-glare ring now also serves as a heat sink for the LEDs, insuring the correct cooling which is critical to their long lifetime. The characteristic bolts have been given a new function, and are now used to route supply power to the LED light sources in the anti-glare ring. These are all details dictated by function, underscoring the requirements of the basic design principle: no details without function.

Following the upgrade the Orbiter post light is a reborn classic, with an ultramodern interior – and an almost unchanged exterior. This means that the LED edition of the Orbiter post light can be used in existing projects without problem.

The Orbiter post light was created in the 60s and is still extremely popular today for both renovation and new construction projects. The light is often praised for its ability to provide comfortable, atmospheric lighting in outdoor spaces. The Orbiter post light therefore continues to fulfil its original goals of discreetly contributing to the character of an area, showing respect for the architecture, and providing the best possible security for people passing through parks and along paths in the darkness.

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**A** The design expression has been retained in the LED edition. The only visible change is that there is no longer a bulb socket. The result is a more transparent appearance.

For further information, there is a picture in the LED brochure showing the percentage light distribution.

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B. The top reflector allows the reflected light to illuminate the immediate vicinity of the fixture. 25% of the light is directed upwards.

C. The former anti-glare ring now serves as an anchor point for the LEDs, as well as providing a cooling function which helps to extend their lifetime.

D. The downward directed LEDs ensure 75% of the light is broadly distributed.

E. The former socket holder now serves as a dissemination reflector for the downward directed light.

F. Power is supplied to the LEDs through a bolt.  
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## METROPOLIS – A POWERFUL MIXED-USE COMPLEX

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*Metropolis – the name alone conjures up images of visionary urban landscapes and innovative design. And the reality does not disappoint: Metropolis is a modern, mixed-use building complex in Moscow, where it's not difficult to catch sight of intriguing urban spaces between office buildings and shopping centres.*

The lighting for the project has been designed and developed by award-winning New York-based lighting design firm, Bliss Fasman Inc. The task was first and foremost to create a design that would showcase Metropolis as a modern shopping and business centre in Moscow. At the same time, Metropolis was also to stand out as a beacon signalling the radical redevelopment of Leninskoye shosse, which was previously an industrial site. The project is the responsibility of a Russian development company, Capital Partners, working in cooperation with companies from several different countries, including the USA. Behind the Metropolis are prominent names: design architects RTKL (UK) Ltd., Oncoglu, ADB Limited, Derek Lovejoy Partnership plc (landscape architects), and ID8 Web Design and Graphics Inc.

Bliss Fasman's responsibilities included all exterior lighting, and lighting of the communal office spaces and the shopping mall areas, which total 311,000 m<sup>2</sup>. The design process for this gigantic project took two years and construction work was completed at the end of a further three-year period. The lighting designers were heavily involved in all phases of the project – from conceptual development through detailed planning and specifications in connection with installation to making the final adjustments. The basic lighting concept for the shopping centre was for a design that would create a comfortable yet stimulating shopping environment, while at the same time enhancing the shop facades with attractive illumination. Bliss Fasman rose to the challenge and the designers have created extremely successful lighting designs for all the different levels of the shopping centre, including direct lighting from Targetti metal halide spots combined with indirect lighting and PH 5-4½ pendants hung at differ-

ent heights. The result of this combination is soft and comfortable atmospheric lighting which accentuates the carefully matched colour scheme. The Metropolis complex also features two business centres with identical lobbies. In each lobby, four PH Artichoke lamps create a warm, hotel-inspired lounge ambience to greet visitors to the building. Ballerup downlight fittings create a stunning line of light, providing pleasant lighting and amplifying the visual impression of the depth of the rooms. The stately combination of wood-panelled walls with glare-free lighting clearly expresses a sense of gravity and exclusivity which beckons visitors into the harmonious and attractive atmosphere of the lobbies.

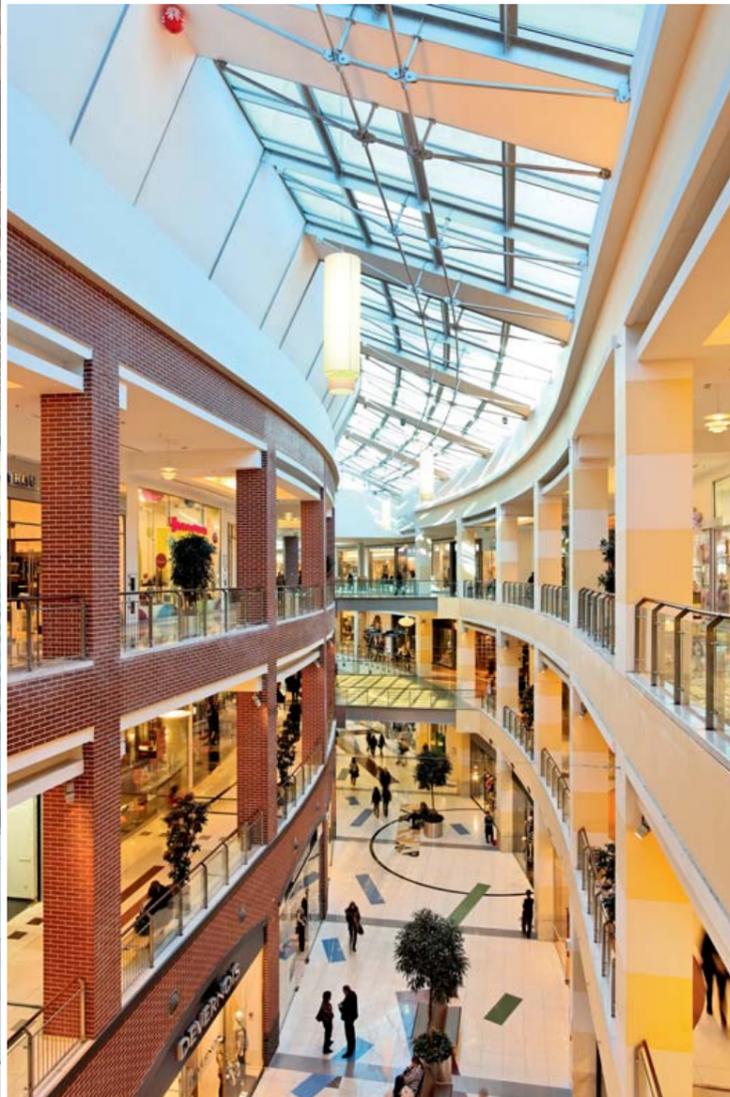
Outside the buildings, the designers have given free rein to their creativity, and their design bubbles with life and enthusiasm. The colourful and provocative lamps are a bold choice that is echoed in the effect lighting on the plaza's decorative design elements, which feature blue Nimbus LEDs in the plinths. An impressive staircase features decorative blue WeeBee LED spot lighting of, for example, trees, using SPR 12 and 14 projectors, and facade lighting using 120 IPR 14 Inground lights.

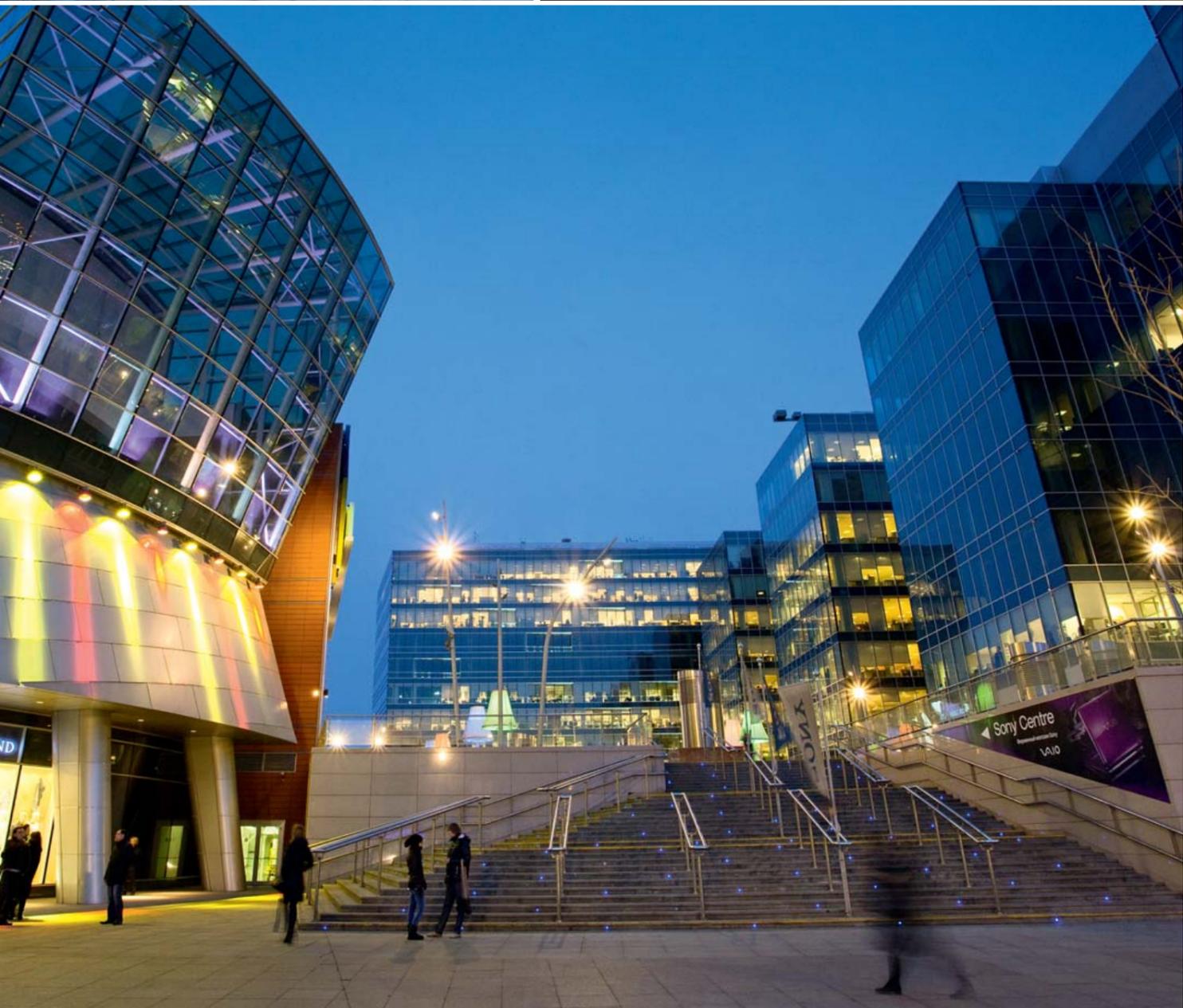
Bliss Fasman's achievement at Metropolis is an unbelievably creative and highly aesthetic solution which features an audacious and eclectic selection of materials and fittings. Most fittings are from Louis Poulsen and Targetti, and others are from well-known lighting suppliers that include Oldham Lighting, Erco and iGuzzini. The result is a key contribution to Metropolis, confirming its status as an appealing and visionary project, and setting new standards for lighting design not only for Moscow, but also across the world.

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Metropolis. Moscow. Russia.  
Architects: TRK-UK, Oncoglu, ABD Limited, Lovejoy.  
Lighting design: Bliss Fasmann Inc.

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## THE LIGHT OVER THE SEA

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Shimmering colour shifts from grey to blue, from dark to light. The horizon defines the transition between sea and sky. The pier on the island of Juist off the west coast of Germany blends almost seamlessly into the sand dunes. Built with a rare respect for the surroundings and a sense of the elemental, the mole appears almost to be a creation of nature itself.

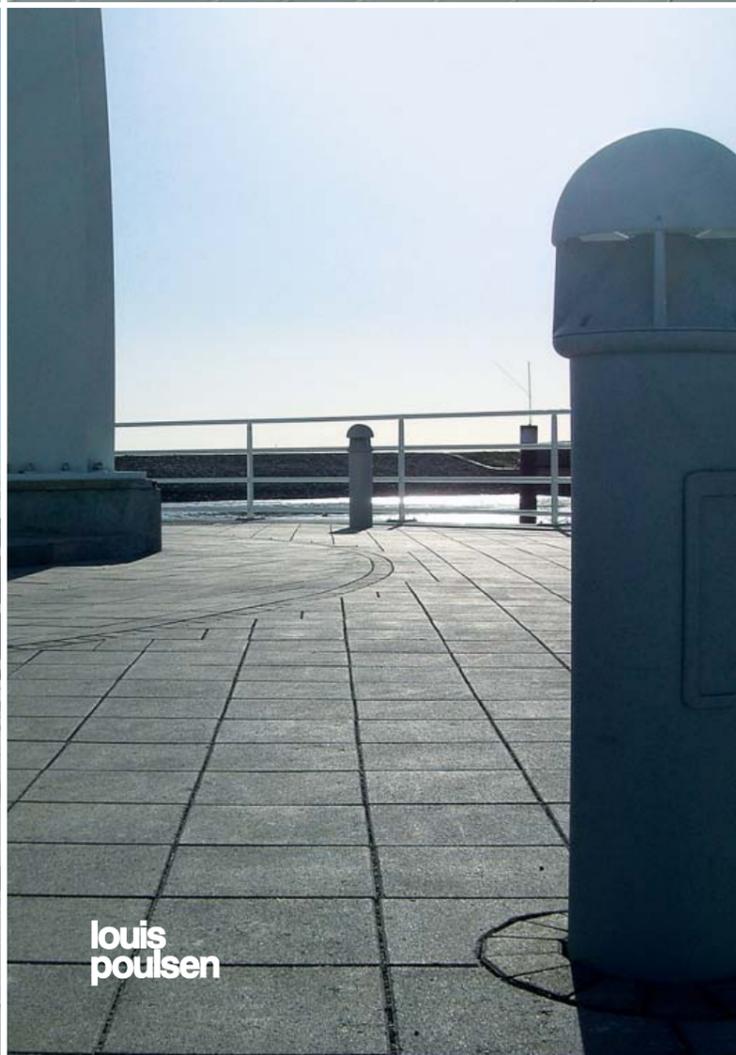
The underlying concept of the project was to evoke feelings of calm and harmony. This attractive combination of modern architecture, fittings in nature's own colours, concrete, and beautiful sloping stone sea walls creates an environment that is in complete harmony with the site. Even the bright red and yellow colours of the pier's most practical functions fail to disturb the overall impression. On the contrary.

Everything about the pier is executed with an incredibly precise aesthetic sense of colour and materials, making this project the perfect example of how, by adding the right elements, an experience of nature can be both enriched and enhanced.

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**Builder:** Inselgemeinde Juist  
**Architect:** Droste-Droste-Urban, Oldenburg  
**Engineer:** Bröggelhoff, Oldenburg  
Manzenrieder, Oldenburg

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louis  
poulsen



BALLYWALTER



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## WHEN TIME AND LIGHT ARE RELATIVE...

Many people associate Ireland with undulating hills, windswept coastal cliffs, and grasslands as far as the eye can see, and this pretty much sums it up. But there are naturally exceptions – such as the Ards Peninsula in Northern Ireland, half an hour's drive east of the industrial city of Belfast. This is where you find the Ballywalter fishing village, without much fanfare and little in the way of dramatic natural scenery. A few hundred houses with whitewashed walls huddle around a small shallow harbour in a flat landscape facing the Irish Sea. The rhythm of the tide is the most interesting thing about the place, and of course the beautiful ever-changing light which is characteristic of coastal areas. Ho-hum! So much for Ballywalter...

If you weave your way around the outskirts of the hamlet you come across a narrow road past a discreet entrance to an estate which does not particularly invite special attention. However, a modest gatekeeper's residence with features from mediaeval Italian architecture hints that something interesting may lie hidden behind – and it does. This is the entrance to Ballywalter Park, a mixture of classic Victorian and Italian palazzo style, with peach coloured facades and light sandstone

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window aprons, corners, balconies and columns. It is set in a beautiful estate, with the Irish Sea just visible on the horizon. The Country House is quite large by Irish standards, and the house and park together are more reminiscent of Southern England than Ireland. Ballywalter has served as a mix of conference centre and luxury accommodation provider since 2001, with a focus on the right symbiosis of history, modernity and atmosphere to give visitors the necessary tranquillity for reflection. These are qualities which have been appreciated by a number of international notabilities and companies, and the remote location of the Country House – along with the great comfort and service – have been a strategic advantage.

Lord and Lady Dunleath receive guests and talk eagerly about Ballywalter Park – about 525 hectares (1300 acres) in size. Lord Dunleath, whose first name is Brian, is the 6th Baron Dunleath and is the seventh generation on the Estate, which has been in the family for over 150 years. Briefly outlining its history, the manor is first mentioned in the mid 1400s under the name Templefyn, and again in 1605 when Sir James Hamilton acquired the property. In 1729 the estate was taken over by Commander George Matthews, and its name had been changed to Ballymagown in the meantime. After extensive renovations the estate was renamed Springvale. In 1846 the property was sold to Andrew Mulholland – a very enterprising man. Mulholland owned York Street Flax Spinning Mill – Europe’s largest linen mill. He was also Mayor of Belfast, and through this position he made the acquaintance of architect Sir Charles Lanyon, who executed several major public works in Belfast and the surrounding area. Against this background, it is not surprising that Andrew Mulholland asked Lanyon to undertake extensive renovation and extension of the Estate. This involved the addition of two new single-storey wings containing a Drawing Room and Library to the south, and a Breakfast Room and Office Quarters to the north, as well as a covered entrance to the east with white stone columns. Lanyon also made extensive changes inside, establishing the Great Hall, a sumptuous, decorated room which extends the full three storeys of the building and is capped by a large light dome with leaded glass. Some years later, in 1870, a large Billiard Room and an impressive Conservatory with a glass dome and roof were added. After Andrew’s death in 1867 his son John took

over the Estate. But as he was more interested in sailing and his work as a Conservative member of parliament representing Downpatrick. However, his political work and involvement in various committees led to John Mulholland being created Baron Dunleath in 1892 – a contraction of Dun-da-leth-glas, the Celtic name for Downpatrick. Following John Mulholland’s death in 1895, his son Henry Lyle (2nd Baron Dunleath) took over the property. In 1902 he added a new wing to provide accommodation for visiting cricket teams. He laid out a 9 hole golf course in the park and added facilities for playing cricket. The golf course and cricket ground disappeared during the Second World War. Charles, the third Baron Dunleath considered demolishing the Conservatory and even abandoning the house altogether in the 1950’s but got no further than removing the heating pipes from the Conservatory. His son, Henry, the 4th Baron and his wife, Dorinda, started work on the restoring of the house in the late 1960’s.

In 2000/1, Brian Dunleath and his partner – now wife – Vibse began the next phase of extensive renovation works to the main house and, when these were completed, decided to make the facilities available as an exclusive venue for high-end conferences and corporate events. The couple have sought to recreate the interiors architect Sir Charles Lanyon originally designed, while adding discreet modern elements so the house does not seem like a museum. This has been achieved in several places using PH and other lights from Louis Poulsen A/S, and classic furniture items designed by Arne Jacobsen and Hans J. Wegner. In fact the interest of PH started at a market in Vig during a visit to Denmark. At this market Lord and Lady Dunleath found an aged blue PH-5. This was placed in the former Butler’s Pantry, which is used today as a Breakfast Room. On the other side of the Kitchen, the original Breakfast Room has been converted into an intimate Small Dining Room with high wooden panels and a round bay window with a view of the park. A PH Snowball has been hung above the dining table, as well as a few wall mounted PH 3/2 with glass shades, to underscore the intimate atmosphere. A few bronzed Tolbod 120 pendants have also been hung in the bay window. From the Breakfast Room and the small Dining Room one can look into the Kitchen, which is dominated by a red Aga cooker, a red refrigerator, and other red kitchen equipment

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– along with three red PH 50 pendants on the ceiling – contrasting nicely with the white kitchen elements and delicate pale blue walls. The colour combinations used in the rooms of Ballywalter Park is based on the ‘National Trust’ colour scheme from Farrow & Ball, a British paint company. These colours are very saturated and therefore add a strong element to the total experience of the furnishings. The paints all have a particularly pure and clear appearance, and an exceptional depth and gloss, giving them a soft, tactile effect. But as wall paints they require balanced lighting in order to function.

The Great Hall is without question the most attractive room in the main building. It measures over 20 metres in length and 7 metres in width, and runs the full height of the building – capped with an arched glass roof and a glass mosaic dome. The Great Hall is sumptuously decorated with stucco ornaments and a large collection of porcelain and alabaster jars and vases. At the ground floor it is dominated by the white painted columns supporting the Gallery, which can be accessed from the guest rooms on the second and third floors. The walls on the ground floor are covered with damask tabellen silk in a warm deep-red colour. Together with the white columns and ornaments this interplays nicely with the Gallery’s intense olive coloured walls, and the red-brown marbled columns on the balconies. The bold but effective colour choice on the ground floor is highlighted by PH 3 ½-2 ½ floor lamps with opalescent glass shades, which supplement various up-lights and the original ceiling pendants, creating a good sense of space and a unique lighting universe.

At the southern end of the Great Hall there is access to the Victorian Library, where many beautiful leather bound books are framed by lovely mahogany shelves, creating a secure and very comfortable atmosphere with their warm glow. There is no doubt that this room encourages reflection and calm – and a good glass of something or other would not be disdained to help encourage contemplation in these surroundings. The high windows towards the park attractively frame two antique tables, which almost serve as a still life with their decorations and books. Both tables are illuminated by PH 4/3 table lamps with metal shades. These provide good lighting and subdued design, underscoring the decorations, without disturbing or detracting from them.

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If you keep walking you come to the Dining Room, which can seat around 24 people at a long mahogany table. The room has a subdued yellow hue, highlighting the many gilded-frame paintings, but is also dominated by three large west-facing windows which provide plenty of outside light. As a supplement to this, a large PH Artichoke with a white shade has been installed above the dining table, which together with the original painting illumination creates a pleasant atmosphere after darkness falls. The PH Artichoke, which was designed for the Langelinie Pavillon restaurant in Copenhagen in 1958, might seem a tad exuberant in this setting, but this is not the case. Although the light is large and rather expressionistic in its design, it discreetly adapts to the room and furnishings and is perceived as a natural sculptural addition.

From the Dining Room we proceed to the Gentlemen’s Wing, which Sir Charles Lanyon added in 1863. On the way we pass a 2 meter wide corridor where three Louis Poulsen Satellit pendants with opalescent glass are hung. The dome shaped lights are ideal for corridor lighting, as the opalescent glass softly illuminates walls and ceilings, accentuating the room, while an opening at the base ensures some light is directed unimpeded down towards the floor as point lighting. The corridor leads into the Billiard Room, which is dominated by a very large billiard table. It also features an impressive ornamental iron structure which serves to stabilise the roof and ceiling, and also to mount lights to illuminate the table. The room has green hues which interplay with the green baize on the billiard table, and the walls are decorated with old British Railways posters, contrasting well with the other wall decorations in the building – primarily portrait paintings. Two large sofas have been placed along the walls on raised podiums so spectators can follow the play, and two chairs have been placed on a platform for the players. These are discreetly illuminated by PH 3 ½ -2 ½ floor lamps with opalescent glass shades. A short passageway leads into the Smoking Room, where oak panels and Book Room red wall paint create a nostalgic atmosphere reminiscent of the time before the world order was disrupted. It bears historic witness to the gender roles of the time, when gentlemen could withdraw to discuss pressing issues in a haze of cigar smoke, while enjoying good cognac or genuine malt whiskey. A classic Børge Mogensen sofa from

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Fredericia Furniture has found a natural place in this refuge, which is illuminated by low lighting from two PH 80 table lamps and two PH 80 floor lamps – an excellent choice. Have a cigar, my dear!

Apart from the Great Hall in the main building, the Conservatory could well be the most interesting room at Ballywalter Park. Architect Sir Charles Lanyon has again been in action creating a sumptuous building with plants, pools, and a glass-covered roof. When Brian Dunleath took over the Estate, it was obvious that the Conservatory was in a poor condition, in spite of some remedial works in the 1970's, but after extensive renovation, completed in July 2009, it has been returned to its former glory. The arched glass roof and large glass dome are supported by green painted cast-iron columns, which are illuminated in the evening by recessed Nimbus power LED Ingrounds. The other lighting has been created using top-mounted SPR 12 spots with HIT light sources, which provide good lighting for the materials and colours in the large room. In addition to pure relaxation, the Conservatory is used today for large gatherings and receptions.

Lord and Lady Dunleath have worked hard to transform Ballywalter Park into a place where nature, tranquillity, comfort and good experiences go hand-in-hand with a unique historic setting. The lighting plays a key role in the total experience of Ballywalter Park, and Louis Poulsen is pleased to have been able to contribute a wide range of good light fittings. And it all started with an aged blue PH 5.

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[www.ballywalterpark.com](http://www.ballywalterpark.com)  
Mike Rømer  
Photo: Kaslov Studio  
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THE AH NYHAVN LIGHT  
POLE AT THE CALIFORNIA  
CHANNEL ISLANDS HARBOR

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At the Channel Islands Harbor, the Louis Poulsen AH Nyhavn Light Pole is the essential architectural element that ties together the entire western marina.

"I feel very passionate about light fixtures," says lead architect Peter K. Phinney, principal with Bryant Palmer Soto, Inc. "They are a good way to establish a level of quality. In a project like this that has a vast land area it's a way to take the aesthetic that we are trying to establish and tie an entire site together by using it on parking, on the walkways, on the streetscape, on all of the open spaces. We try to use site lights in that way whenever we can."

The Channel Islands Harbor is a jewel on the California coast just north of Los Angeles in the city of Oxnard. It was built as a recreational harbor in the 1960s and 1970s on 310 acres of land and water, with approximately 2,150 boat slips, as well as marina facilities, restaurants, sport fishing services, chandleries and shops. The western side of the harbor features marinas, a popular shoreline park, restaurants, residences and retail businesses. The marina renovation involved creating a new system of concrete docks, gangways, railings, walkways, fencing and abutments to replace the 40-year-old wood docks and their surroundings. The \$8 million project included several hundred slips and the support buildings along the marina that also serve the adjacent park.

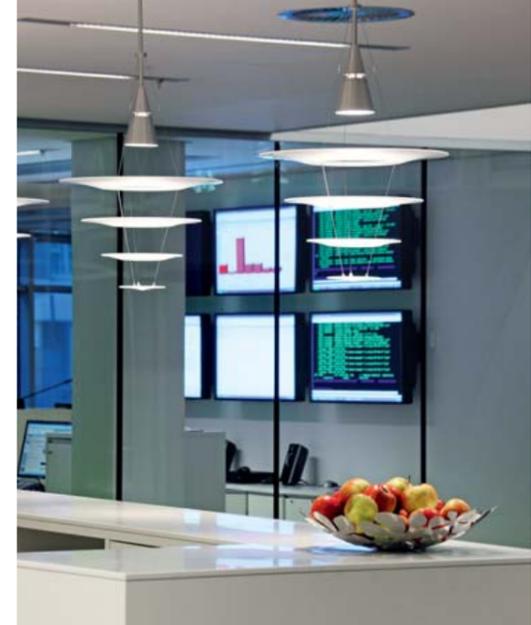
The harbor is owned by the County of Ventura, and operated by businesses that have been granted long-term ground leases by the Board of Supervisors. The design brief was to create a pleasant, safe and secure waterfront environment. The challenge,

says Harvard-educated Peter K. Phinney, AIA, was to work within the tight budget by choosing the key design elements and materials with great care. "I said to my project manager Robert Mull, 'What's that Poulsen fixture, the one that is always in the marinas in New England?'" said Phinney. They both immediately thought of the Louis Poulsen Nyhavn lamp, which is ubiquitous on the New England waterfronts where both of them grew up. "Much of what we did was taken from the icon of that fixture. That set the tone for a lot of the design work."

The traditional look of the Nyhavn lamp was the inspiration for the design of all the chrome and metal bright work at the new marina. "We specified the fixture first - we were concerned about the cost and did not want to allow a substitution. We were very clear with the owner early on, that this fixture is part of what sets the theme for the entire marina and it is really important." The owner understood that the lamp established the design aesthetic that the architects wanted to pursue. The exact color of the white metal for many of the structural elements of the new marina also matched the Nyhavn lamps. The pediments and the entries to the gangways reflect the shape of the fixtures; and then the lamps themselves lead the way down the walkways.

The AH Nyhavn Light Poles that illuminate and enhance the newly renovated marina create the beginning of an "emerald necklace" which could eventually surround the entire harbor.





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## LIGHT AND EASY

When you enter the new VP Securities A/S building, you see exactly what people mean when they say that 'less is more'. This is simplicity taken almost to the extreme – from the entrance and reception area to the staff canteen and conference rooms. The result is that employees and visitors will find that the time they spend in the VP Securities building on Amager in Copenhagen, Denmark, is thoroughly rewarding. The lighting design concept, which is built around Shoichi Uchiyama's Enigma pendant, is applied consistently in the reception area, foyer and conference rooms, stunningly supplemented by other focal points, including the Collage 600 pendant in Snow White, designed by Louise Campbell, in the canteen.

The use of Enigma 425 lights in sizes 425 and 825 at VP Securities is at the same time discrete and masterly. Repeated use of the same pendants over long conference tables and in reception desk areas amplifies the visual impression of the length of these rooms and their furnishings. Five Enigma lamps over the length of a conference table makes an imposing sight. The height and spacing have been carefully calculated to ensure that there is good lighting on the faces around the conference table. Combine this with the excellent colour rendering provided by these lamps and the effect is that people's faces are lit clearly and naturally, creating the kind of positive atmosphere that is important at any meeting. In the staff canteen, Collage 600 pendants hung at height function as a visual reflection of the transition from work to rest. At the same time, the change in lighting distinguishes the canteen from the other areas of the foyer and lobby, entirely dispensing with the need for partition walls, a change of materials or strategically-positioned floral decorations. This is an extremely flexible solution which depends exclusively on the location of the lamps – everything else can simply be moved around.

Three Enigma 825 lamps hung at slightly different heights beckon visitors into the high-ceilinged section of the foyer. The lamps provide beautiful illumination and visually enhance the vertical planes of this room.

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## MOOD ON THE MENU

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When we visit a good restaurant we come to eat, and leave with all our senses satisfied. The food is the pinnacle, but the experience starts on arrival. The building, the furnishings, the lighting, the welcome. When all the elements are composed with great precision – as when the chef creates his dishes – magic moments of intimacy and enjoyment arise.



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## MOOD ON THE MENU

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In a restaurant, the chef is the conductor, but the music is made up of the many small and significant impressions which are part of the experience. Sounds, fragrances, light, taste, colours, materials and people. A symphony which starts with simple instruments and grows in strength until everything blends into a greater unity. This is what creates the experience, the memory, and not least – the desire to come again.

On the following pages we will present two extremely appetising lighting systems. You will be able to see how differently the same light can be presented in two very different contexts, and how the new OJ range of lights creates pleasant contrasts in a traditional cafe.

Welcome and bon appétit

## THE LODGE

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The food is not the only thing appealing about the Lodge. The restaurant is located in Bryggerigården adjacent to the Vejle Bryghus micro-brewery, in one of the most beautiful regions of Denmark. The beautiful old farmstead contains three restaurants, and surrounds a pleasant courtyard area. The brewery plays an important role for the restaurants, which each have a direct pipeline through which they can draw the amber fluid.

The warm atmosphere envelops you as soon as you step into the Lodge. The style is a mix of luxury and casual – the warm colours of the stone walls combine with the rough-hewn timber to create a cosy and intimate mood. Inspiration has been drawn from the classic Country Club style, but with a modern, light touch.

Aeros lights play a key role, and have been used very effectively to define private eating areas around the round tables. The large flamboyant lights are also an integrated element of the furnishings. The perforated screen and subdued lighting amplifies the experience of intimacy and closeness.

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Mike Romer  
Photo: Kaslov Studio

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## KÄHLER SPISESALON

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Kähler Spisesalon shares both its name and location with the well-known Danish ceramic design company, Kähler. Beautifully situated in the atmospheric M. P. Bruunsgade, in one of the oldest districts in the centre of Aarhus.

The cafe furnishings have clearly been inspired by the proud traditions of this renowned ceramics factory. Since its founding in 1837, Kähler has been recognized for its high-quality craftsmanship, and many of Denmark's great designers have left their impression. Both Kähler Keramik and Louis Poulsen have the pleasure today of working with designer Louise Campbell.

However, lights from another Louis Poulsen designer have been used to illuminate the recently renovated cafe. Our latest product family, OJ – designed by Ole Jensen – set the tone for the lighting in the room.

When you enter the dining hall, you clearly sense the inspiration drawn from Parisian bistros. In line with French tradition, the general lighting is provided by subdued light sources on the beautiful glass ceiling. Intimacy is achieved by allowing the pictographic OJ table lamp to shape the proximal lighting with its soft, almost ceramic, expression. In this way, the light creates invisible boundaries between the seats – a beautiful lighting tradition which has been neglected for many years in the name of efficiency.

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Mike Römer  
Photo: Kaslov Studio

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## LIGHT-SEEING IN HAMBURG

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The city of Hamburg has seen extensive construction activity at its harbour front in recent years. A 560-hectare region over one kilometre in length is currently being transformed at a rapid rate. Rows of dull warehouses are being torn down and old wharves are being renovated as the new HafenCity quarter arises, containing a mix of residential and office buildings, shops and restaurants and cafes. A large team of German and internationally acclaimed architects is involved in the project, which is expected to run for 15 years. If that were not enough, old buildings are being renovated and new buildings constructed close to the harbour in the centre of the city, with the aim of making Hamburg more attractive and dynamic.

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## ATLANTIC HAUS

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The 36,000 m<sup>2</sup> Atlantic House office building is the most striking building in the Bavaria quarter. It was designed by architects Herzog + Partner from Munich, and at 90 metres in height is one of the tallest buildings in Hamburg. The office building comprises three narrow 8-storey wings, and a 20-storey rectangular central tower. The tower is highlighted on the eastern and western sides by large asymmetric steel star structures with four 'prongs', placed at four-storey intervals and set back slightly from the glass-clad facade. The cantilever-supported glass cladding helps subdue the visual expression of the steel structures, which could be very dominating if fully exposed. One can sense that Herzog + Partner have had to walk a delicate line between toning down the building's large dimensions, while also giving it enough of its own character to make it stand out from the ranks of anonymity.

This balance is also evident in the lighting, which Louis Poulsen has made a major contribution to. As evening settles, illumination of the large steel structures is the most dominant effect, and this is also a conscious emphasis of the building's identity. SPR 12 projectors designed by David Morgan Associates have been used for effect lighting. A narrow eight-degree reflector illuminates each of the star "prongs", avoiding a boisterous side-show effect but discreetly underscoring these structural elements. Discretion also characterises the

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two-storey lobby area of the central tower, which contains a reception counter and entrances to the east and west. Six large Artichoke pendants designed by Poul Henningsen hang from above, adding a balanced organic element to the room's strict and slightly cool architecture.

Recessed Beat 220 downlights have been used for general lighting in the lobby area. Their subdued design makes them an ideal complement to the artichokes. The same fixture has been used in the restaurant on the 20th floor, where the criteria has also been high-quality lighting from a light which interplays with the interior design.

LP Record has been used as ceiling lights in the corridors and common areas throughout the many floors. These provide downward-directed diffuse light and indirect light reflected from the ceiling (or wall). When it is dark the fixtures look like floating discs of light which discreetly highlight the building's size and general architecture.

*Mike Rømer*

Atlantic House office building, Bavaria-quartier, St. Pauli  
Architects: Herzog + Partner, Munich



**louis  
poulsen**



## LIGHT-SEEING IN HAMBURG

# INFO-PAVILLON HAFENCITY

In connection with the Hafencity project at Elben, Hamburg Hafencity GmbH has built a 400 m<sup>2</sup> information pavilion to allow people to follow developments. The pavilion was designed by architects Bolles + Wilson from Münster, and forms a prismatic box with sloping angles. It is clad with glass and red, brown and black steel sheets. The building has split level floors inside, which combine with the sloping angles to create interesting spatial experiences. The walls and ceilings are painted white and the floors are light grey – but the effect is not as subdued as it might sound. Daylight streams in through the large windows and creates vitality through light and shadow and the many different nuances of white seen throughout the day.

Bolles + Wilson used Record (Ø 45 cm) lights from Louis Poulsen on walls, ceilings and stairways for general lighting. They wanted a fixture that would interact with the striking interior without dominating, and provide diffuse light from the shade as well as a floating effect from indirect illumination of the ceiling and wall surfaces.

*Mike Rømer*

Info-pavillon Hafencity, Osakallee 14,  
Überseequartier.  
Architects: Bolles + Wilson, Münster.



## LIGHT-SEEING IN HAMBURG



### STATION AREA IN BLANKENESE

Any self-respecting city has particular districts which attract clientele with high social status and large fortunes, and Hamburg is no exception. In the late 1800s, the former fishing hamlet of Blankenese was an attractive centre for wealthy citizens. A strong civic association has ensured that Blankenese continues to have the character of an independent town, and the effects of this can be seen in the large renovation project covering the area around the suburban rail station at Blankenese. The complex project has been carried out by Hamburg architects Gössler Kinz Kreienbaum, in cooperation with landscape architects Munder & Erzepky, also of Hamburg. The result is a well-integrated development with a mixture of shops, offices, institutions and residences, with architecture strongly inspired by 1930s Bauhaus functionalism.

Louis Poulsen has been heavily involved in the comprehensive project as the architects chose the LP Hint Basic post light, designed by Helena Tatjana Eliason, to illuminate the streets and lanes and the newly created square in front of the rail station. LP Hint is a reflector-based fixture with a simple, honest design. It discreetly interacts with the surrounding architecture, making it ideally suited to a wide range of different contexts. Hint Basic has a pressure-moulded

Urban planning and various forms of development at the local rail station in Blankenese.  
Architects: Gössler Kinz Kreienbaum, Hamburg, and Munder & Erzepky Landschaftsarchitekten, Hamburg.



aluminium top and provides light which is primarily directed downwards and fulfils Full Cutoff criteria. It is also available with an illuminated top (Hint Opal), allowing it to mark out the route on streets and paths. The Waterfront bollard designed by Dan Borgen Haslov has been used in areas with benches and flower boxes. It has a robust design, but is also discreet enough not to dominate its surroundings. Waterfront provides downward-directed, non-glare light divided into a pattern of four quarter circles on the ground, due to the division of the reflector.

Tastefully capping off the Blankenese project, Louis Poulsen has also provided four Enigma 825 pendants – designed by Shoichi Uchiyama – for the district's public service centre. The four pendants hang invitingly in the two-storey foyer of the centre like beautiful floating discs. The discreet presence of the Enigma fixtures, with their feathery design and subdued light, helps balance the room's strict and slightly cool architecture.





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## PALUDANS BOOKSTORE & CAFÉ

FIOLSTRÆDE 10 – 12, COPENHAGEN

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Located in the heart of Copenhagen and right next to Copenhagen University, Paludans Bookstore has been a natural gathering point for city students and literature enthusiasts for over a hundred years. The bookstore, which originally included a publishing house, was established in 1895 with the primary aim of selling (and publishing) books for students. An antiquarian department was also added at a later date.

Like many other players in the book sector, Paludans has seen declining book sales due to increasing competition from the Internet. But in 2001 the owner saw an opportunity for survival by mixing the sale of books with the popularity of coffee and croissants. The idea was well received and the bookstore quickly attracted a larger and more diverse clientele. The café was renovated and extended a few years ago, but it is the mix of books and catering that continues to make Paludans Bookstore and Café a unique experience.

The café's most striking room faces Fiolstræde, where guests can observe the pulsating life on the pedestrian street. The room is two storeys high and has been nicknamed the "Gallery" because of the walkway on the first floor, with packed bookshelves. Naturally there is a large PH Artichoke hanging from the ceiling. It calmly reflects the spirit of the many books, casting fragments of words and thoughts over the visitors with a soft light. You do not consciously notice the Artichoke, but are simply aware that it is there – has perhaps always been there. The same is true for Arne Jacobsen's wall fixtures, which were originally designed for the SAS Royal Hotel in 1959. In a break with convention these have been mounted on the ceiling as spots to illuminate the bookshelves along the walkways. The lights highlight the various impressions on the book spines, painting a larger canvas which can be enjoyed by café guests and passers-by on Fiolstræde alike. Focus is thereby shifted from the fixtures to the room to be illuminated, which is a significant part of Louis Poulsen's lighting philosophy.

*Mike Rømer*

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## OSRAM BUILDING RE-ENERGIZED

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*The building which once housed a business success story has been resurrected as a well-lit cultural centre in Nørrebro, Copenhagen, following a major renovation.*

You begin to sense the historic atmosphere as you approach the front door. The illuminated Osram bulb incorporated into the window above the attractive entrance signals a link to a piece of Danish history. The changing interplay of colours in the facade windows clearly indicates that the building in Valhalsgade has undergone a renewal, with the modern use of lighting playing a key role.

The experience of good lighting is amplified when you step into the stairwell, which has delicately preserved the soul of the building. It has been carefully restored, retaining a number of original details. Daylight streams in from above through the large window featuring the Osram bulb. The concrete staircase, with its attractive wrought iron railing, winds elegantly up to the first floor. Halfway up one encounters two original, symmetrically positioned, mahogany cupboards in which various historical artefacts from the building are displayed.

The lighting fixtures are a good match for the room, mixing modern technology and a classic design. Discus wall lights, designed by Arne Jacobsen, emphasize the direction of the stairs. The circular shade of mouth-blown opal glass emits soft, diffuse light in the stairwell. The room lighting is capped off by six Munkegaard ceiling lights, also designed by Arne Jacobsen. Both fixtures were designed just a few years after the Osram building was opened in 1953 and therefore belong to the same epoch.

The historic Osram building reopened as a cultural centre in autumn 2009 following extensive renovation, which included a new lighting system and a number of energy saving initiatives. Renovations were underway when the building was highlighted as a place to visit during the COP15 climate conference in Copenhagen in December 2009. A number of private companies became inspired by the cause, and VELUX, Osram, Louis Poulsen, Rockwool, VELFAC, Danfoss and Windowmaster teamed up to support the project. The result is a very functional building with many advanced light and energy solutions. The lighting system

was designed and supplied by Louis Poulsen and Targetti. The Osram building reflects a life's work linked to energy, and its exciting history deserves some attention. Søren Madsen, an enterprising gentleman from Jutland, Denmark, began his career as an electrical engineer in 1923. Ten years later he entered into an agreement with the Danish Prime Minister, Thorkild Stauning, to supply lighting to the Danish government. Stauning wanted to maintain Danish jobs during the 1930's depression, and one of the ways to do so was to support production of incandescent bulbs. Søren Madsen and Philips jointly acquired the Danish division of the German Osram company, establishing "Dansk Osram A/S" in 1946. The company then grew to become one of Denmark's largest light bulb manufacturers. Following World War II, when the business was booming, Søren Madsen built the characteristic administration building in Valhalsgade, designed by architect K. Wiedermann Petersen.

The Osram building therefore represents a piece of Danish business history, but the building has been preserved today due to the advanced construction techniques employed. It was the first building in Denmark to be constructed using "shock concrete" – a method devised in the Netherlands whereby the concrete is shaken forcefully, giving the concrete elements a dense, uniform structure. It was also the first building in Denmark where prefabricated elements were installed at the site. The very durable shock concrete allowed the architect to express his creativity in the design of the facade elements. The window elements on the ground floor have been decorated using diagonal concrete bands





across the entire facade, which contribute to the building's characteristic and rhythmic appearance. The 120 cm wide concrete elements made it possible to fit 80 cm wide windows – which was epoch-setting in 1953. Large windows meant that the building was – and still is – flooded with daylight.

The Osram building serves as a cultural centre today, and forms part of an urban renewal project. Renovation has been carried out jointly by T-plus and Velux. An administration department has been set up on the first floor to the right of the main staircase. The rest of the building contains a number of multifunctional rooms, including a large ballroom on the first floor. There has been a focus on energy efficiency during renovation of the building, with the result that energy consumption has been reduced by over 60 per cent. One of the initiatives was to divide the ground floor into two zones. The activity rooms represent one zone, which is heated in the winter. These are accessed via a corridor along the windows which is only partially heated. However, the most striking aspect of the renovations is clearly the lighting, which consists of a number of functional solutions implemented throughout the entire building. LEDs have also been used as a decorative and playful lighting element in several places.

An extra glass entrance has been built beside the original entrance, which is used for major events. Two blue LED bands – supplied by Targetti – have been recessed into the entrance floor, guiding visitors in a striking and mood-setting manner. A star canopy has been created in the two-storey hall to the left of the stairwell using LED spots supplied by

Osram. Elegant Censius ceiling lights have been used in almost all rooms as general lighting. Censius, designed by Christian Hvidt, employs the latest lighting technology. A specially developed optical system consisting of micro-prismatic panels, a top reflector and a thin screen creates comfortable, 100% glare-free lighting, which combines direct and indirect light.

It is also possible to play with colours in the large ballroom on the first floor. LED bands in RGB (red, green, and blue) colours have been fitted on the tie beams under the roof windows. The LEDs can be set to oscillate across the entire colour spectrum – and change to neutral white when all the colours are lit. The light system can be connected to the sound system on dance nights, so the light follows the music. For a cultural centre which aims to serve everyone, this system has the advantage that the deaf can participate at dance events together with people who can hear.

LEDs have also been positioned at regular intervals in the window recesses along the ground floor of the main facade. The LED lights are switched on when there are events in the building, and the coloured lighting can be set to oscillate between any desired hues.

The Osram bulb above the main door emits a golden glow into the twilight, recalling the building's notable past. In contrast, the LED lighting streaming out through the diagonal concrete patterns in a rainbow of colours proclaims the building's new role, and that everyone is welcome to come inside.

*Ida Præstegaard*





## SAN BERNARDINO COLLEGE OF EDUCATION

### LIGHT AS AN INTEGRATED ELEMENT IN THE DESIGN PROCESS

Square elements in combination with the curved entrance wall make the CSU San Bernardino College of Education an extremely interesting building. When asked when the issue of outdoor lighting was intro-

duced into the process, LPA Inc.'s Hilary Goshert's response is that outdoor lighting was an integrated element in the design process on a level with all the other processes.

At first glance, the positioning of the Kipp Post tops seems to have been spontaneous. On closer inspection, a pattern emerges which harmonises perfectly with the design of the outdoor areas. The Kipp Post tops follow the lines of the walkway system. They

flank stairs and planes at different levels in an almost majestic way. All in all, a very successful integration of lighting into the outdoor design.

LPA Inc. chose the Kipp Post tops for their modern design and unsurpassed light distribution. And one final key detail: these lamps are proven to withstand the fierce Santa Ana winds that rip through the San Bernadino area.







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## THE LP CHARISMA AT LAX BRADLEY INTERNATIONAL TERMINAL

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In the newly renovated Tom Bradley International Arrivals Terminal, the Louis Poulsen LP Charisma pendant offers the ideal solution to an imposing set of challenges. The customs, immigration, and border protection facilities at the Los Angeles International Airport (LAX) are among the busiest and most important in the world. Security and safety systems are vital, serving almost 9 million passengers annually. For many weary travelers waiting in queues after long journeys, this space is their first impression of the United States. As part of a multi-billion dollar modernization plan, the goals for this renovation were to create a welcoming space for travelers to the US, while improving security, operations, and saving energy.

Airport and customs officials need a comfortable, professional environment; they perform long days of exacting work in a difficult situation. The design needed to be clean and modern, even surgical – with light levels that are precise. But the space could not feel like an interrogation office. The challenge was to warm and brighten the space aesthetically, to make queuing, inspection and interviews easier, both more pleasant and more efficient. Security lighting, sufficient light levels, improved ease of maintenance – there were many technical considerations for this complex project. The original terminal served less than half the number of the current passengers. Another challenge was to use the light to make the space feel even larger. The existing structure limited the possibility of architectural solutions. The interior volume is simple and austere, with a dark ceiling and modest natural light at each end. The project started in 2000 but then went on hold after the events of 9/11/2001. In 2005 the project began again, with many new requirements to meet the new Transportation Security Administration standards. The airport also mandated a LEED Silver Certification, calling for an even higher level of energy efficiency.

Architect Alex Ward (Leo A. Daly) and Lighting Designer Tina Aghassian (Horton Lees Brogden Lighting Design) immediately agreed on one key architectural and sculptural element: the LP Charisma pendant luminaire. The pendant lamps hang from the high ceiling in a precisely designed array that evenly illuminates the entire volume. This striking field of pendants creates a visual

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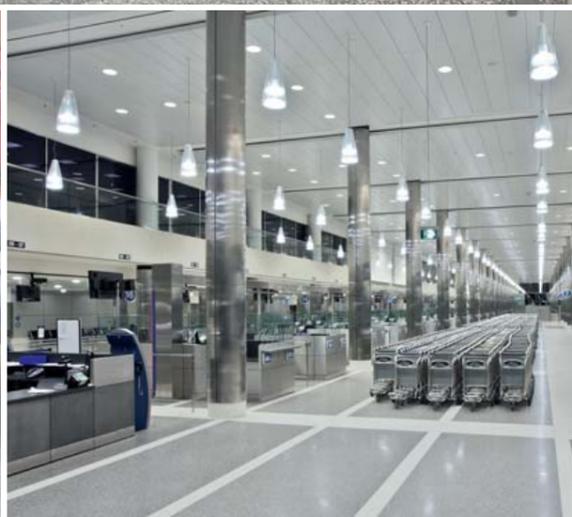
rhythm that divides and orders the space. The individual lamps sparkle, attracting the eye and breaking up the vast interior plane of the ceiling. "A beautiful pendant in a space like this is exactly what was called for," says architect Alex Ward. "Lighting was a key part of our thinking in all the areas we worked on. I had this fixture in my office for several months – very impressive."

The LP Charisma pendants feature 100-watt metal halide lamps, which generate four times the light of comparable incandescent fixtures. The sparkling LP Charisma pendants are switched on during peak hours, when the hall teems with travelers. The internal reflector optics directs the majority of the light downward. The shades control glare and filter the light at horizontal angles, creating

the sparkling effect of the transparent cone. Recessed ceiling lights with extreme long-life induction lamps augment the general illumination, vastly simplifying maintenance. "All of our other choices had alternates but not this one," says Lighting Designer Tina Aghassian. "We needed this presence... Based on the immense volume of this space the scale of the LP Charisma was perfect, like a giant upside down candle."

The LAX Bradley Terminal renovation received several architectural awards and was the first U.S. airport terminal renovation project to achieve LEED Silver certification. According to the Los Angeles Daily News, "one of the notable differences is better lighting

*Thomas Small*





## BOCA BEACH CLUB

INTERVIEW WITH KEN VENTRY

*What architectural/design challenges did you face when you started the project?*

KV: The challenge was to make the decorative lighting throughout the room act as objects to ground the lobby space. The lighting was intended to function only as an apparent source of illumination, and was not intended to be used at full brightness, which would over-expose and 'flatten' the room from a lighting standpoint. The understated glow of the decorative lighting infuses the architectural elements of the lobby with light (i.e. the backlit marble dining wall and the niche-illuminated mirror arches in the corridor) and we were able to strike a subtle and inviting balance of illumination in each of the lobby areas.

*2. Daylight seems to have a great influence on the room. Did this fact bring any influence to bear on your choice of lighting? For example, the pendants are hung quite high up in the room, and in a pattern that creates a general rather than an intimate light.*

KV: Daylight is very important as the restaurant looks directly out onto the ocean. We did not want to obscure the guest's view of the ocean during the daytime with low-hanging pendants. After dark, we were not willing to sacrifice the intimacy of the space. The pendants serve as the visible source of light, drawing the eye not with their intensity but because of the difference in colour temperature. Intimacy was achieved by layering the light from the ceiling accents and feature wall. The luminosity from the wall emulates the light quality that would emanate from a hearth, casting a flattering, warm, directional glow onto the diners. The ceiling accents highlight each table, gently enhancing each location, creating small, intimate areas for each table party. Candles on the table give the impression that the gentle glow radiates from the flame, while in fact it is discretely achieved by the accent above.

*3. The reason for choosing the PH Louvre?*

The PH Louvre was selected in collaboration with the design architect. The lamp was perfect as it echoes many of the design elements in the room, including the louvered wall panels and horizontal elements transversing the ceiling plane. The subtle light radiating from PH Louvre does not detract from other dramatic features in the room, such as the glowing wall, yet the striking lamp form serves as a visual link between the architectural design elements and the lighting.

*4. What do you think this fixture does for the room?*

I feel that the fixtures in the room, as a group and individually, add a touch of timeless modernism to a beautifully classic interior. The warmth and textures of the materials and colours are perfectly offset by the cool, crisp lines of the PH Louvre, which does not overpower the room. The arrangement of the pendants serves as a strong focal guide to draw the guest's view to the striking glowing feature wall, where the warmth of the wall is complemented by the whiter light radiating from the pendant, resulting in a harmonious balance of composition, form and colour contrast.

*5. What do you think the lighting solution? Does it live up to your expectations, or is the physical result better than you envisioned?*

I am thrilled with the lighting, as it is the perfect realization of the design team's intent. The solution appeals to many aspects of design: both the intellectual and, more importantly, the cumulative experience for the guests. It is a balanced space where design and functionality work in tandem to create an environment that is visually appealing, comfortable and engaging.





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## AARHUS BY LIGHT

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The plan that was to make Aarhus, Denmark, one of the best and most imaginatively lit cities in the world was unveiled as long ago as 1998. The city architect designed the lighting plan, and thus initiated a lengthy and dedicated effort to improve the lighting in Denmark's second-largest city. During the succeeding years, the project attracted great admiration and won prizes for excellent and creative urban lighting. The goal was clear from the start – to create a lighting scheme that would make it pleasant to walk around the town at any time of the day or night. One of the central ideas in the plan was to divide the city into various zones, each with its individual character, vision and development plan. At the same time, there was to be differentiation between “hard” traffic (motorised vehicles) and “soft” traffic (pedestrians and cyclists) in each area. Roads for motorised traffic were to have one type of lighting, while individual lighting schemes that emphasised the unique features and atmosphere of each area were planned for the streets and squares in the city centre.

Thus, Aarhus has become an outstanding example of how lighting can and should be differentiated in order to create a pleasant and secure environment for the inhabitants of and visitors to a city.

From the outset, the plan was conceived as a sensitive reworking of the city's spaces with light – in some places with a great deal of light, in others with more restraint; in some places using standard supports, in others using specially designed fittings. From the beginning of the work, there has been close cooperation between Aarhus Municipality and Louis Poulsen – cooperation so close, in fact, that the projects have often acquired the

character of town lighting research from which both parties have benefited. In general, lighting in towns has improved greatly in recent years. There has been increased focus on people's welfare, and also greater emphasis on comfort, for example through light sources that provide better colour rendering. There is ever greater differentiation between lighting for “hard” and “soft” traffic, as in Aarhus. Studies have shown that while high masts work well for lighting for motorised traffic, lower supports create better lighting for pedestrians that also provides greater security.

In many ways, Aarhus has shown the world the way forward for better town lighting, and continues to develop the lighting of its urban spaces. One of the focus areas for the immediate future will be improvements in the use of high and low positioning of light sources. Aarhus spends a lot of money on the attractive appearance of pedestrian precincts, and this makes it important that the lighting should be of a quality that will show off the beauty of the streets and the colours of the buildings in a suitable manner. Safety issues are more important today than ever, and finally there are commercial factors to take into account in using lighting to make shopping districts more visually attractive after nightfall. In other words, it is sensible – and a good investment – to give careful thought to town lighting, and Aarhus, after 13 years of focusing on this field, is an excellent example of what can be achieved.

*Based on an article by Thomas Dickson entitled Lyset skal matche byen (The lighting should match the town).*

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## THE RIVER IN AARHUS

When another once-covered stretch of the river in downtown Aarhus was opened once more to view in 2007, it presented an opportunity to upgrade the lighting of the area. One part of the scheme involved replacing old-fashioned conventional lights hung on cables with Planet lamps by Louis Poulsen. These were fitted in pairs on specially designed "gallows" lampposts on the walkway along the side of the river. A large number of low-level, specially-designed lighting bollards by Louis Poulsen were placed at the edge of the maritime-inspired quay. These provide clear, shining markers of the course of the river through Aarhus.

## THE AREAS AROUND MUSIKHUSET AND AROS

Albertslund lamps on galvanised posts are used to illuminate the footpaths of the landscaped area around Musikhuset and AROS. The same lamps feature in the car park in front of the Scandinavian Congress Center, which is situated just beside the two cultural centres.





## IMMERVAD

The broad but short pedestrian street named Immervad runs close to the river in Aarhus. Planet lamps are used on both sides of the street, on special supports. Some are mounted on the facade of Magasin the department store, and some on specially designed posts on the opposite side of the street. One special feature is the use of fluorescent tubes that shine through the perforated plates that form part of the construction of the lampposts. These create light patterns that contribute to the overall lighting of the street.



## MARSELISBORG MARINA

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Kipp lamps on galvanised posts are used to great effect in the area around Marselisborg Marina, to the south of Aarhus. These lamps are supplemented at the mooring-places and along the quaysides by Waterfront lighting bollards in a robust, grey aluminium design.

## STORE TORV AND LILLE TORV

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On Store Torv and Lille Torv (the Great Square and the Small Square) in Aarhus can be seen the first examples of Charisma Outdoor, the outdoor version of a lamp originally designed for indoor use by PLH-Arkitekter, Denmark.





## BAR UGLE

Architect: Schri Kakinuma  
Lighting design: Schri Kaninuma and  
Kunihiko Soejima (Nest Design, owner)  
Total area: 112 m<sup>2</sup>. Photo and text: Shinji Aratani.

In Fukuoka, Japan, you can visit the exclusive Bar Ugle, which opened in spring 2009. The bar quickly became known for its unique atmosphere and extraordinary service. Bar Ugle has become a popular meeting place today for people who appreciate good atmosphere, design and quality, without the bar owner ever having to spend money on advertising.

It is no coincidence that the bar has been named using the Danish word for owl – ugle. The proprietor has a partiality for pure Scandinavian expression, and also runs a home furnishing business selling choice Scandinavian design furniture and Louis Poulsen lamps.

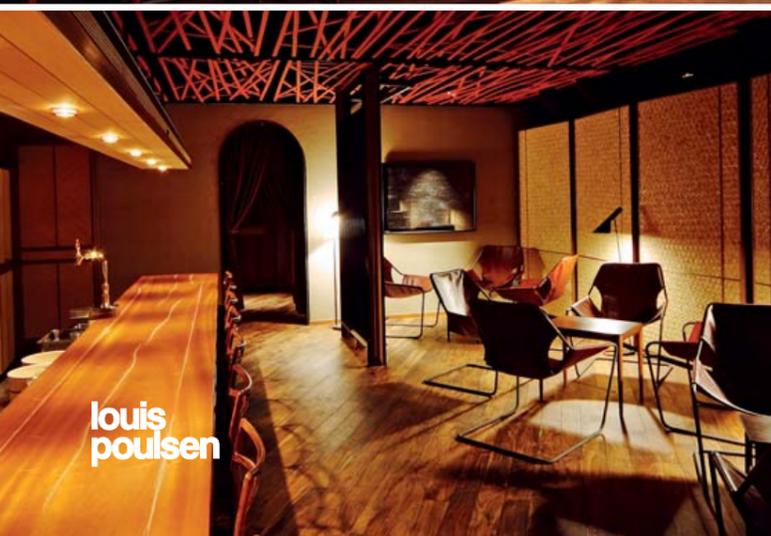
Bar Ugle represents the meeting of Scandinavian minimalism and Japanese culture, and the result is magical. Schri Kakinuma, the Japanese architect responsible for the design, has created a unique interior through his precise choice of materials and design. The bar was created as part of extensive and ambitious renovation of a warehouse building.

Bar Ugle makes a strong impression from the first encounter. The façade design is harsh and rustic. The walls are covered with thick steel plate and the entrance door is solid wood. The simplicity of the materials and focus on quality craftsmanship continues into the bar and underscores its exclusive intimacy. The

ground floor can accommodate 24 guests, while the first floor has been set up as an exclusive private zone for just eight people. Bar Ugle seems relatively dark at first glance, which is characteristic of traditional Japanese interiors. But your eyes quickly adjust to the finely controlled lighting, and a rare atmosphere arises from the harmony between the interior design aesthetics and the warm light.

The furnishings are characterised by natural materials such as wood, leather and diatomite, supplemented with Japanese items and details. The ceiling stands out, consisting of scarlet strips of wood in an irregular pattern. The warm, indirect light is reflected by the red wood, creating the illusion of a low ceiling when this is not the case at all.

Many different Louis Poulsen lights have been used to construct the special atmosphere. A PH Artichoke and Louise Campbell Snow light welcome visitors, while AJ floor lamps, AJ wall lamps and AJ Eklipta have been used to great effect inside the rooms. Several lights have been made in custom designs for Bar Ugle. A special variant of Alfred Homann's Strata Micro provides the specific lighting over the bar and serving counter. The Strata Micro lights have been made from solid copper to achieve a warm and intimate atmosphere in the bar area.





## LIGHT IN LIGHT THE CITY THAT NEVER SLEEPS

Have you ever wondered just what lighting can do for a city? To find out, take a trip to Las Vegas! Las Vegas may be a city that never sleeps, but it is transformed completely when day becomes evening and night. Ordinary street lighting is overwhelmed by the glare of lights advertising the entertainment that seduces visitors to the city.

However, if you step back to observe, the individual buildings, plazas and zones often have incredibly successful lighting schemes. One Las Vegas lighting creator, Jack Bartley from Klai Juba Architects, has been responsible for designing the lighting of the new main entrance to Planet Hollywood Hotel and Casino, which has a prominent location on the Strip.

"It was decided that the pole and walkway lighting for the pedestrian traffic would have to be outstanding in terms of the de-

sign and that a high lighting level was needed to complement the neon sign and façade at the casino entrance", Jack Bartley explains. The results are indeed impressive. Sixteen Terminal fittings on 10-foot banner poles provide a warm welcome to guests to the combined hotel and casino. These are complemented by no fewer than 60 AH Maxi Wall fittings, studded with CMH lamps in the stairway sections and in a low wall along the walkway.

The AH Maxi Wall fitting is ideal for use in situations such as this, where the designer wished to create direct illumination of the ground from fittings built into the wall. Apart from the functional effect, the positioning and reiteration is stunning, making a visit to the Planet Hollywood Hotel and Casino a spectacular experience from the start.

Project: Planet Hollywood Hotel and Casino, Las Vegas, USA  
 Architect: Klai Juba Architects  
 Lighting Designer: Jack Bartley, Klai Juba Architects





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## AGDER ENERGI – A POWERHOUSE IN MORE THAN ONE SENSE OF THE WORD

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A dynamic, inspiring workplace – that was the vision for the “Powerhouse” (Kraftsentret), as the new headquarters building for Agder Energi (Agder Energy) on Kjøita in Kristiansand, Norway, is called.

“To realise that vision, we made the employees the central focus in the planning process. We have set out to create an aesthetically stimulating environment, and have been very deliberate in our choices of shapes, colours, textiles and furniture, and in the design of meeting places” explains Jan Pedersen, who is responsible for the project. “Well-being and social integration are important concepts, given that we are bringing together staff from five different workplaces under one roof – we have aimed for a workplace that is specifically designed to strengthen communicative processes and interpersonal relationships.”

This special focus means that the new Agder Energi headquarters represents one of the latest building design trends, where the users of the building are central. A good working environment creates a sense of well-being and ensures that staff start their working day feeling motivated and filled with enthusiasm. Staff well-being brings with it the benefits of lower rates of absence through illness, less stress, greater efficiency and much more. In too many workplaces, the building is simply that – a place to work in. At Agder Energi, the building is closely tied to the needs of its users and their everyday working lives.

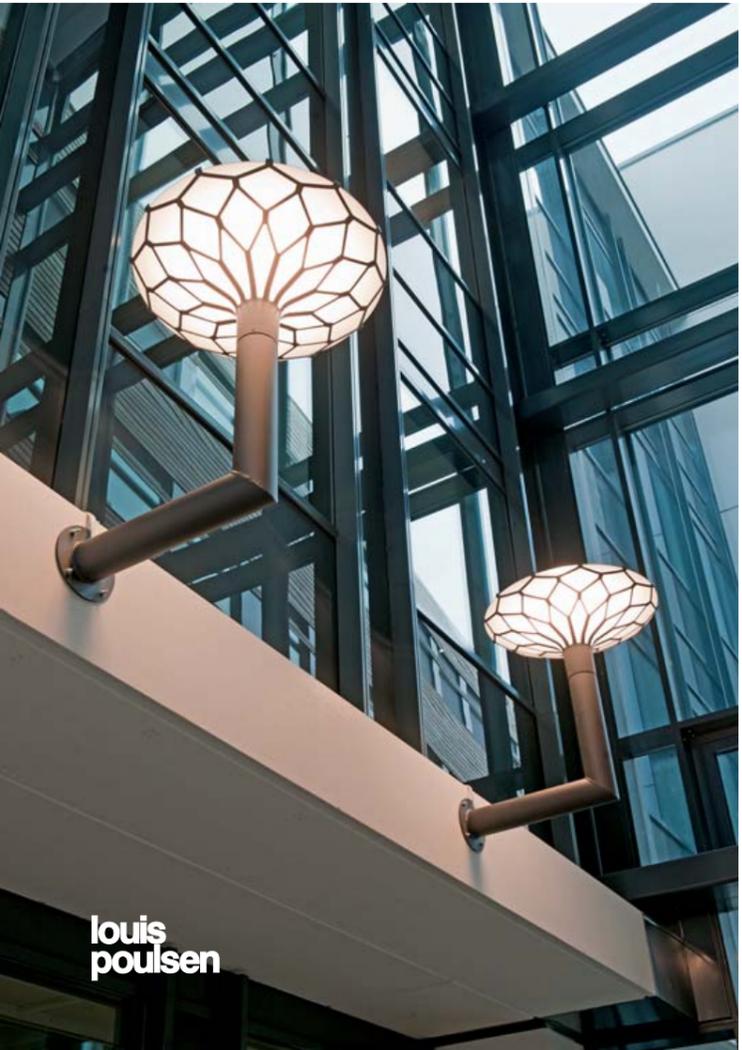
At the same time, the building sets new standards for energy-efficient commercial construction, with 58 cm-thick walls, 40 cm of roof insulation and 21 independent internal ventilation units. In addition, there are solar cells on the roof which function both as a research project and as a source of power, and several thousand sensors to control the light and ventilation in toilets, stores and photocopying rooms. Together, these initiatives have brought annual energy consumption down below 80kWh per m<sup>2</sup>.

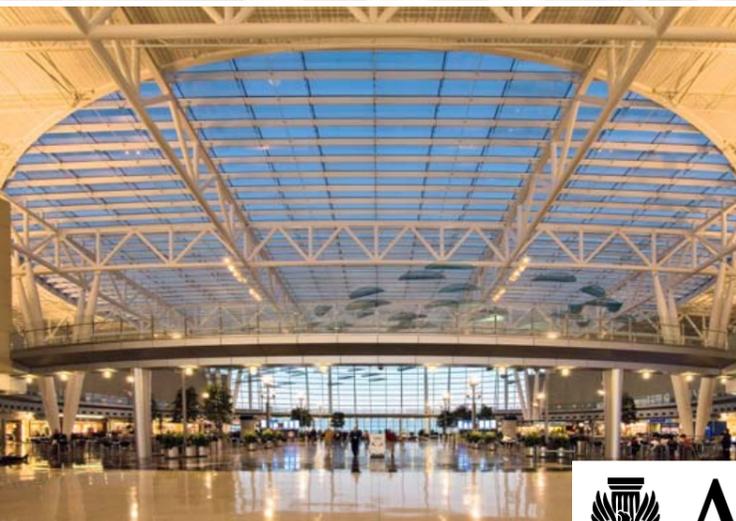
The building illustrates very well how energy-efficient lighting does not have to be synonymous with minimal amounts of light and compromises in the aesthetics of the working environment. The use of light has been given high priority from the start of the building project, and has been designed with great care and innovative thinking. Lighting that is both comfortable to work with and precisely geared to purpose has been achieved through a combination of dimming and automatic switch-off controlled by daylight detectors on many of the light fittings.

There has even been room to include light sculptures in the project. The artist Christian Sunde has installed large light-sculpture bubbles made of plastic around the building. The light changes colour, and helps make the building and the environment distinctive both by day and by night.

Geir Odd Målsnes, an architect from Link Signatur, says of the project: “We are used to working with clients who have high ambitions; indeed, that’s the way we like it. But I have to say – and this is both a compliment and a bit of a complaint – that the requirements from KNAS and Agder Energi were exceptionally stringent and comprehensive in all areas and details. However, this has meant that we have created a building and a workplace that simply oozes vision and futurity.”

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## HONORS FOR COLLABORATIVE ACHIEVEMENT AWARD

In 2010 Louis Poulsen received a great honour. We became the first lighting company in the world to be awarded the prestigious AIA Honors for Collaborative Achievement Award.

The award is given by the American Institute of Architects and is the institute's most important prize. The Honors for Collaborative Achievement Award is given to a company, an individual or an association that has "had a beneficial influence on or advanced the architectural profession."

"The award is an important milestone in the history of Louis Poulsen. It is not given for a specific product design, but to Louis Poulsen as a whole. It is given to our products, messages, history and personnel involved. It is an amazing feeling for me to be able to tell our employees that this award has been given for the work they do at Louis Poulsen," explains Kent Stilling Pedersen, President, Targetti Poulsen USA. Architecture and the creation of interiors and atmospheres have always been part of the Louis Poulsen ethos. This is clearly demonstrated by the fact that about 60% of our product range has been designed in cooperation with architects for specific projects. We see our customers as partners and we view individual projects as creative processes, in which all the parties contribute with know-how and passion in order to achieve unique solutions which can withstand the test of time.

Our traditional holistic approach to design was established almost 90 years ago by Danish designers, among them Poul Henningsen, Arne Jacobsen. The tradition has continued throughout our history, in our work with numerous architects and designers, including Bystrup Arkitekter og Designere and, most recently, Foster + Partners. In the meeting of the Scandinavian lighting tradition with some of the world's most innovative architects, the result is lighting raised beyond time and space – and up into the realms of international top-class design.

The list of previous winners of the AIA Honors for Collaborative Achievement Award includes Princeton Architectural Press, Ove Arup & Partners (engineering firm) and the Department of Architecture at the Art Institute of Chicago.



# P

## products

- 118 • ceiling
- 142 • pendants
- 186 • table & floor
- 204 • wall
- 234 • bollards
- 254 • posts
- 280 • accent

# THE LOUIS POULSEN IPHONE APP – A CATALOGUE IN YOUR HAND



Download the free Louis Poulsen iPhone app and you'll have the Louis Poulsen catalogue right there in your hand.

You will have direct access to details about the whole of our product range, including technical specifications and scale drawings, and can send the information direct to an e-mail address – your own, or that of a colleague or customer. It's fast and it's easy.

You can download the app from Apple's App Store – just search for Louis Poulsen.



If you need to contact us this app includes access to the entire Louis Poulsen contact network.

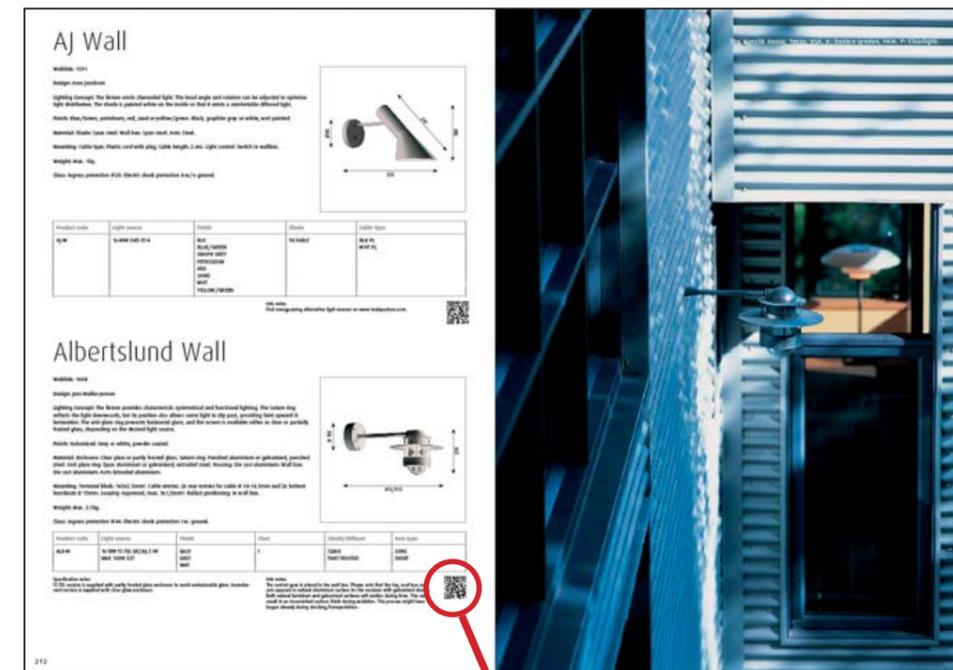
## THE LOUIS POULSEN MOBILE WEBSITE

<http://m.louispoulsen.com> provides access for all smartphones to a website containing all available product information for our standard range. This is the website to which our QR codes are linked.

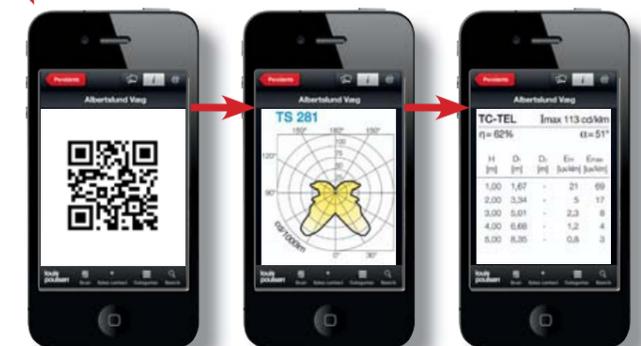


# QR – THE LINK FROM THE CATALOGUE TO MORE INFORMATION

WORKS WITH ALL SMARTPHONES. THE QR CODE IS THE KEY TO MORE INFORMATION



By scanning the QR code for a specific product, you will obtain direct access to further information about the product via our mobile website. There you can obtain data about light distribution and light measurements, scale drawings, etc. You can also choose to download a PDF file to print out if you wish.



## SCANNER DOWNLOAD

Scanning: If you do not already have a QR reader installed, you can download it completely free via our iPhone app or from [www.2dscan.com](http://www.2dscan.com).

Recessed & Surface  
ORBITER CEILING > ALBERTSLUND CEILING

# PENDANTS

Orbiter Pendant > Albertslund Pendant  
Warehouse > Pakhus  
Satellite > Wohlert

# Wall

AJ DISCUS > AJ EKLIPTA  
ORBITER WALL > ALBERTSLUND WALL

# BOLLARDS

Orbiter Bollard > Albertslund Bollard

# Post tops

Orbiter Maxi Post > Albertslund Maxi Post  
Orbiter Mini LED > Albertslund Mini LED  
Orbiter Mini Post > Albertslund Mini Post

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## GLOBALISATION OF PRODUCT NAMES

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Over the years Louis Poulsen has become a global supplier of lighting fixtures. In the process many of our products received specific names on individual markets.

We have now decided to harmonize the names of our products. Unfortunately, this will mean that some of your favourites may get a new name.

To make it easier for you to adapt and implement the new product names, new and old product names are included in both the pictorial index and the alphabetic index.

We apologize for any inconvenience this may cause. You may initially find it difficult to remember the new names, but we are sure that this won't last!

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# ceiling

- 122 • AH System 360
- 122 • AH System Basic
- 124 • AH System Micro
- 124 • Albertslund Ceiling/Orbiter Ceiling
- 126 • AL 600 LED
- 126 • Ballerup
- 128 • Ballerup Micro
- 128 • Beat 170
- 129 • Beat 222
- 129 • Beat 254
- 130 • Beat Surface mounted
- 130 • Magazin Mini/Normal
- 132 • Munkegaard
- 132 • Munkegaard Mega
- 134 • Munkegaard Micro
- 124 • Orbiter Ceiling/Albertslund Ceiling
- 134 • Oslo Micro Ceiling
- 135 • Oslo Round Ceiling/Wall
- 135 • Pulsar 135
- 136 • Pulsar 172
- 136 • Record Ceiling/Wall
- 138 • Strata Micro
- 138 • Strata Mini/Maxi
- 140 • Zirkon

# ceiling

|   |  |  |  |   |
|---|--|--|--|---|
|  <p>AH System 360<br/>• 122</p>          |  <p>AH System Basic<br/>• 122</p>           |  <p>AH System Micro<br/>• 124</p> |  <p>Albertslund<br/>Ceiling/Orbiter<br/>Ceiling • 124</p> |  <p>AL 600 LED<br/>• 126</p>             |
|  <p>Ballerup<br/>• 126</p>               |  <p>Ballerup Micro<br/>• 128</p>            |  <p>Beat 170<br/>• 128</p>        |  <p>Beat 222<br/>• 129</p>                                |  <p>Beat 254<br/>• 129</p>               |
|  <p>Beat Surface<br/>mounted • 130</p> |  <p>Magazin Mini/<br/>Normal • 130</p>    |  <p>Munkegaard<br/>• 132</p>    |  <p>Munkegaard<br/>Mega • 132</p>                       |  <p>Munkegaard<br/>Micro • 134</p>     |
|  <p>Oslo Micro<br/>Ceiling • 134</p>   |  <p>Oslo Round<br/>Ceiling/Wall • 135</p> |  <p>Pulsar 135<br/>• 135</p>    |  <p>Pulsar 172<br/>• 136</p>                            |  <p>Record Ceiling/<br/>Wall • 136</p> |
|  <p>Strata Micro<br/>• 138</p>         |  <p>Strata Mini/<br/>Maxi • 138</p>       |  <p>Zirkon<br/>• 140</p>        |  |                                        |

# AH System 360

Weblink: 1637

Design: Alfred Homann

**Light Concept:** The fixture emits light directed primarily downwards. A key feature of the fixture is that the electrical components are built into the ceiling, while the light distribution parts (LDP) are located below the ceiling. The light distribution is controlled primarily via glossy or matte reflectors, such that the LDP components create different lighting effects.

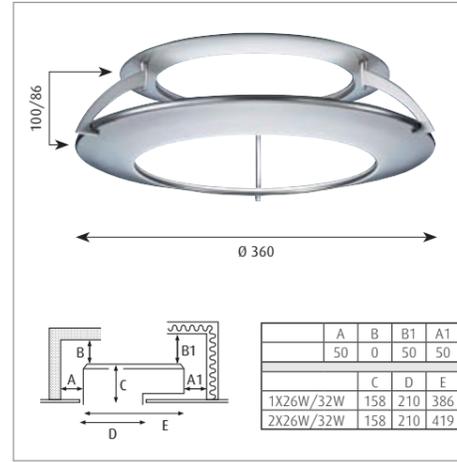
**Finish:** (LDP) Polished aluminium or satinised aluminium, wet painted.

**Material:** LDP: Die cast aluminium. Glass: White opal glass or white and clear overlay glass. Support arms: Die cast aluminium. Reflector: Spun aluminium, matt anodised or spun metallised polished aluminium.

**Mounting:** Ceiling thickness: 1-50mm. Ceiling Cut-Out: Ø 210mm. Terminal block: 1x5x2.5mm<sup>2</sup>. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispuolsen.com](http://www.louispuolsen.com).

**Weight:** Max. 4kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source   | Finish                      | LDP   | Reflector      | Lighting control   |
|--------------|--|-----------------------------|---|----------------|--|
| AHS-360-C    | 1x26W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>2x26W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF-D | POLISH ALU<br>SATINISED ALU | ALU CURVED RING<br>ALU WING<br>OPAL CURVED DISC<br>OPAL CURVED RING | MATT<br>POLISH | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V<br>EMPK |

**Info notes**  
All variants can be delivered with light source and/or 2m cable + plug. A complete fixture consists of a reflector unit and a light distribution part (LDP). Emergency box to be ordered separately.



# AH System Basic

Weblink: 1613

Design: Alfred Homann

**Light Concept:** The fixture emits light directed primarily downwards. A key feature of the fixture is that the electrical components are built into the ceiling, while the light distribution parts (LDP) are located below the ceiling. The light distribution is controlled primarily via glossy or matte reflectors, such that the LDP components create different lighting effects.

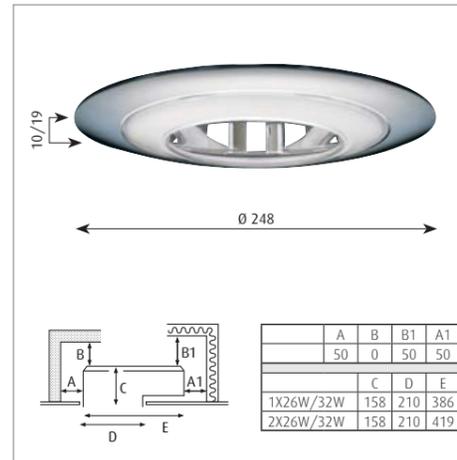
**Finish:** (LDP) Polished aluminium, white or satinised aluminium, wet painted.

**Material:** LDP: Die cast aluminium. Glass: White and clear overlay glass. Reflector: Spun aluminium, matt anodised or spun metallised polished aluminium.

**Mounting:** Ceiling thickness: 1-50mm. Ceiling Cut-Out: Ø 210mm. Terminal block: 1x5x2.5mm<sup>2</sup>. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispuolsen.com](http://www.louispuolsen.com).

**Weight:** Max. 3kg.

**Class:** Ingress protection IP21. Electric shock protection I w. ground.



| Product code | Light source   | Finish                             | LDP                        | Reflector      | Lighting control   |
|--------------|--|------------------------------------|----------------------------|----------------|--|
| AHS-BAS-C    | 1x26W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>2x26W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF-D | POLISH ALU<br>SATINISED ALU<br>WHT | BASIC<br>BASIC W/OPAL RING | MATT<br>POLISH | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V<br>EMPK |

**Info notes**  
All variants can be delivered with light source and/or 2m cable + plug. A complete fixture consists of a reflector unit and a light distribution part (LDP). Emergency box to be ordered separately.



# AH System Micro

**Weblink:** 1686

**Design:** Alfred Homann

**Light Concept:** The light distribution is clear and directed downwards. An opal glass ring provides soft light for both the ceiling and space. It also significantly reduces the angle of glare, so that passers-by are exposed to minimal glare.

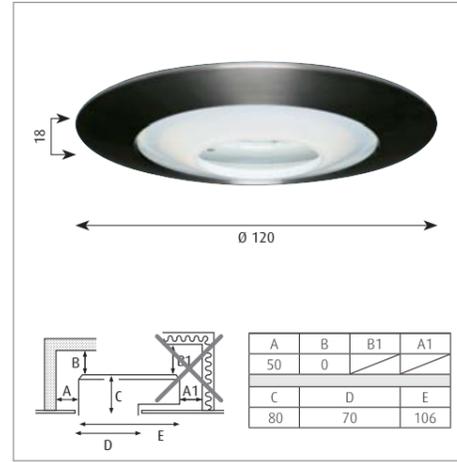
**Finish:** Polished or satinised aluminium, wet painted. Matt white opal glass.

**Material:** Glass: White and clear overlay glass. Trim ring: Die cast aluminium.

**Mounting:** Ceiling thickness: 5-32mm. Ceiling Cut-Out: Ø 70mm. Terminal block: 1x2x4mm<sup>2</sup>. Looping: Not approved. Ballast: Supplied without transformer. For more information please look at [www.louispuulsen.com](http://www.louispuulsen.com).

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection III low voltage.



| Product code | Light source                  | Finish                      |
|--------------|-------------------------------|-----------------------------|
| AHS-MI-C     | 1x35W QT ax-12 Frosted GY6,35 | POLISH ALU<br>SATINISED ALU |

**Info notes**  
Supplied with light source. The fitting is also approved for 50W, but then the fixture is not approved for mounting directly on flammable material.  
Ballast has to be ordered separately.



# Albertslund Ceiling/orbiter Ceiling

**Weblink:** 1570

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture provides characteristic symmetrical and functional lighting. The horizontal ring reflects the light downwards, but its position also allows some light to slip past and illuminate the ceiling. The anti-glare ring prevents from horizontal glare, and the diffuser is available either as clear or white opal glass, depending on the desired light source.

**Finish:** Galvanized, grey or white, powder coated.

**Material:** Enclosure: Clear glass or partly frosted glass. Saturn ring: Punched aluminium or galvanized, punched steel. Anti glare ring: Spun aluminium or galvanized, extruded steel. Housing: Die cast aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x top entry for Ø 20.3mm and 2x side entry. Looping: Approved, max. 3x1,5mm<sup>2</sup>. For more information please look at [www.louispuulsen.com](http://www.louispuulsen.com).

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                            | Finish              | Class | Shield/Diffuser       | Shade         |
|--------------|---|---------------------|-------|-----------------------|---------------|
| ALB-C        | 1x18W TC-TEL GX24q-2 HF<br>MAX 100W E27 | GALV<br>GREY<br>WHT | I     | CLEAR<br>PART FROSTED | W/SATURN RING |

**Specification notes**  
TC-TEL version is supplied with partly frosted glass enclosure to avoid undesired glare. Max 100W E27 is supplied with clear glass enclosure.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuulsen.com](http://www.louispuulsen.com) we update a list of recommendable light sources.

**Info notes**  
Clear polycarbonate (PC) accessory enclosure instead of glass enclosure only to be used with TC-TEL version. Please note that the housing appears in natural aluminium surface for the versions with galvanized shades. Both natural aluminium and galvanized surfaces will oxidize during time. This can result in an inconsistent surface finish during oxidation. This process might have begun already during stocking/transportation.



# AL 600 LED

Weblink: 2717

Design: Mads Odgård

**Lighting Concept:** The fixture has either a wide or very wide beam width. The two lightdistributions expand the flexibility in optimizing the lighting in narrow surroundings like tunnels and arcades. The design is low and sturdy.

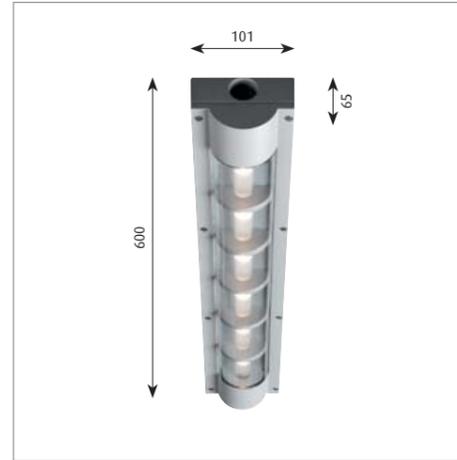
**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Housing: Die cast aluminium. Diffuser: Polycarbonate.

**Mounting:** Looping: Approved. Integral ballast. Installation cabel: 8-13mm. (not enclosed). For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground. Vandal Proof II. IK10.



| Product code | Light source                                       | Finish       | Reflector         |
|--------------|--|--------------|-------------------|
| AL-600-C     | 6 POWER LED 3200K 6,5W<br>6 POWER LED 3200K 10/15W | ALU COL TEXT | WIDE<br>VERY WIDE |

Specification notes  
I 6 POWER LED 3200K has Nom. Effekt 6,5W, WIDE.  
II 6 POWER LED 3200K has Nom. Effekt 10/15W, VERY WIDE.

Info notes  
Can be fitted directly on a wall or ceiling. Connection in each end, through wiring possible 2x1,5mm<sup>2</sup>.



# Ballerup

Weblink: 1624

Design: C. J. Nørgaard Pedersen & P. Hougaard Nielsen

**Light Concept:** The light distribution is symmetric and directed downwards. The vertical three-layer hand-blown glass cylinder provides a soft and comfortable light on the ceiling around the fixture, as well as reducing glare for passers-by.

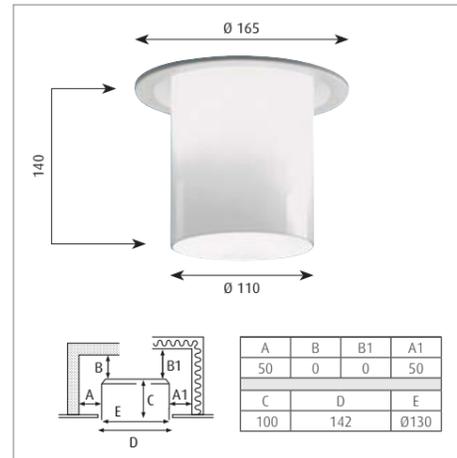
**Finish:** White, powder coated. White opal glass.

**Material:** Diffuser: Mouth-blown white opal glass. Housing: Spun steel.

**Mounting:** Termination: Plug 3x2.5mm<sup>2</sup>. Ceiling thickness: 1-45mm. Ceiling Cut-Out: Ø 142mm. Looping: Not approved. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source            | Finish |
|--------------|-------------------------|--------|
| BAL-C        | 1x18W TC-TEL GX24q-2 HF | WHT    |



Sunrise Tower, Zürich, Switzerland. A: HCI International.  
I: Corporat. Property advisors & Architects. P: Paul Kozlowski.



# Ballerup Micro

**Weblink:** 1625

**Design:** C. J. Nørgaard Pedersen & P. Hougaard Nielsen

**Light Concept:** The light distribution is symmetric and directed downwards. The vertical three-layer hand-blown glass cylinder provides a soft and comfortable light on the ceiling around the fixture, as well as reducing glare for passers-by.

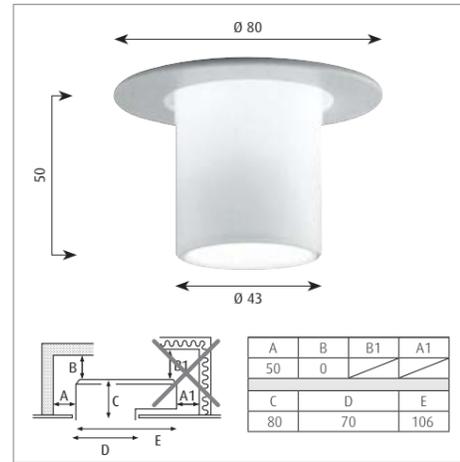
**Finish:** White, powder coated. White opal glass.

**Material:** Diffuser: Mouth-blown white opal glass. Ring: Punched steel.

**Mounting:** Ceiling thickness: 5-32mm. Ceiling Cut-Out: Ø 70mm. Terminal block: 1x2x4mm<sup>2</sup>. Looping: Not approved. Ballast: Supplied without transformer. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection III low voltage.



| Product code | Light source           | Finish |
|--------------|------------------------|--------|
| BAL-MI-C     | 1x20W QT ax-9 Clear G4 | WHT    |

Info notes  
Supplied with light source but without transformer.



# Beat 170

**Weblink:** 1665

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits light directed 100% downwards. The choice of a polished or matt reflector provides either distinct or diffuse light. A wide range of decor rings help control the light and provide decorative effects.

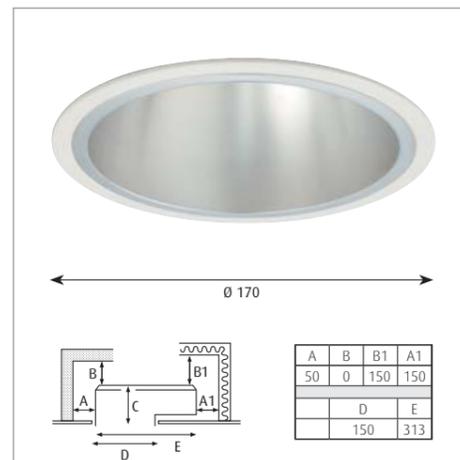
**Finish:** White, powder coated.

**Material:** Housing and ceiling ring: Steel. Reflector: Aluminium, matt anodised or anodised polished aluminium.

**Mounting:** Ceiling thickness: 1-30mm. Ceiling Cut-Out: Ø 150mm. Terminal block: 1x5x2,5mm<sup>2</sup>. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 3kg.

**Class:** Ingress protection IP21. Electric shock protection I w. ground.



| Product code | Dimensions | Light source   | Finish | Reflector              | Lighting control                     |
|--------------|------------|--|--------|------------------------|--------------------------------------|
| BEAT-170-C   | 170/215    | 1x14/17W TC-TEL GR14q-1 HF<br>1x14/17W TC-TEL GR14q-1 HF-D<br>1x26/32W TC-TEL GX24q-3 HF<br>1x26/32W TC-TEL GX24q-3 HF-D | WHT    | ALU MATT<br>ALU POLISH | NONE<br>DALI/SWITCH-DIM<br>DIM 1-10V |

Specification notes  
Dimming only available with HF-D. 1x14/17W HF-D only available with DALI/SWITCH DIM.

Info notes  
All lighting application data is based on TC-TEL light sources with amalgam. Emergency light possible. For further emergency versions, please contact the sales office. All variants can be delivered with light source and/or 2m cable + plug. Accessories: [www.louispoulsen.com](http://www.louispoulsen.com).



# Beat 222

**Weblink:** 1643

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits light directed 100% downwards. The choice of a polished or matt reflector provides either distinct or diffuse light. A wide range of decor rings help control the light and provide decorative effects.

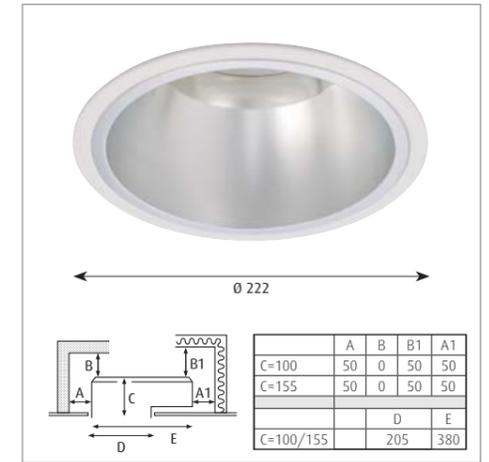
**Finish:** White, powder coated.

**Material:** Housing and ceiling ring: Steel. Reflector: Aluminium, matt anodised or metallised polished aluminium.

**Mounting:** Ceiling thickness: 1-15mm or 1-30mm. Ceiling cut-out: Ø 205mm. Terminal block: 1x5x2,5mm<sup>2</sup>. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 2kg.

**Class:** Ingress protection IP21. Electric shock protection I w. ground.



| Product code | Dimensions         | Light source   | Finish | Light technique | Reflector              | Lighting control  |
|--------------|--------------------|--|--------|-----------------|------------------------|---|
| BEAT-C       | 222/100<br>222/155 | 1x14/17W TC-TEL GR14q-1 HF<br>1x14/17W TC-TEL GR14q-1 HF-D<br>1x26W TC-TEL GX24q-3 HF<br>1x26W TC-TEL GX24q-3 HF-D<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D | WHT    | ASYM<br>SYM     | ALU MATT<br>ALU POLISH | NONE<br>DALI/SWITCH-DIM<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V<br>EMPK |

Specification notes  
Dimming only available with HF-D. 1x14/17W HF-D only available with DALI/SWITCH DIM. 1x32W TC-TEL / HF-D only available with 222/155. 1x14/17W TC-TEL HF-D: DALI/SWITCH-DIM. 1x26W and 1x32W TC-TEL HF-D: DALI/DSI/SWITCH-DIM/SMART-DIM or 1-10V.

Info notes  
All lighting application data is based on TC-TEL light sources with amalgam, where possible. All variants can be delivered with light source and/or 2m cable + plug. Emergency box to be ordered separately. Best performance of 1x14/17W is reached with light source from Osram. Accessories: [www.louispoulsen.com](http://www.louispoulsen.com).



# Beat 254

**Weblink:** 1643

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits light directed 100% downwards. The choice of a polished or matt reflector provides either distinct or diffuse light. A wide range of decor rings help control the light and provide decorative effects.

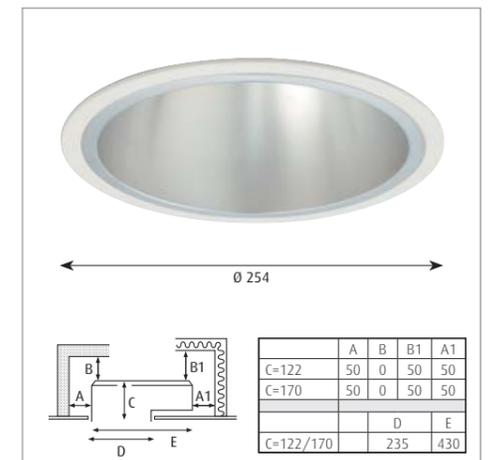
**Finish:** White, powder coated.

**Material:** Housing and ceiling ring: Steel. Reflector: Aluminium, matt anodised or metallised polished aluminium.

**Mounting:** Ceiling thickness: 1-15mm or 1-30mm. Ceiling Cut-Out: Ø 235mm. Terminal block: 1x5x2,5mm<sup>2</sup>. Looping: Approved, max. 5x1,5mm<sup>2</sup>.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP21. Electric shock protection I w. ground.



| Product code | Dimensions         | Light source   | Finish | Light technique | Reflector              | Lighting control  |
|--------------|--------------------|--|--------|-----------------|------------------------|---|
| BEAT-C       | 254/122<br>254/170 | 1x14W TC-TEL GR14q-1 HF<br>1x14W TC-TEL GR14q-1 HF-D<br>1x14/17W TC-TEL GR14q-1 HF<br>1x14/17W TC-TEL GR14q-1 HF-D<br>1x17W TC-TEL GR14q-1 HF<br>1x17W TC-TEL GR14q-1 HF-D<br>1x26W TC-TEL GX24q-3 HF<br>1x26W TC-TEL GX24q-3 HF-D<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>1x42W TC-TEL GX24q-4 HF<br>1x42W TC-TEL GX24q-4 HF-D<br>2x14W TC-TEL GR14q HF<br>2x14W TC-TEL GR14q HF-D<br>2x17W TC-TEL GR14q-1 HF<br>2x17W TC-TEL GR14q-1 HF-D<br>2x32W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF-D | WHT    | ASYM<br>SYM     | ALU MATT<br>ALU POLISH | NONE<br>DALI/SWITCH-DIM<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V<br>EMPK |

Specification notes  
Dimming only available with HF-D. 1x14/17W HF-D only available with DALI/SWITCH DIM. 1x42W TC-TEL, 2x14W TC-TEL, 2x17W TC-TEL and 2x32W TC-TEL/HF-D only available with 254/170. 1x40W, 1x17W, 2x14W, 2x17W TC-TEL HF-D: DALI/SWITCH-DIM.

Info notes  
All lighting application data is based on TC-TEL light sources with amalgam, where possible. All variants can be delivered with light source and/or 2m cable + plug. Emergency box to be ordered separately. Best performance of 1x14/17W is reached with light source from Osram. Accessories: [www.louispoulsen.com](http://www.louispoulsen.com).



# Beat Surfacemounted

**Weblink:** 1670

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits light directed 100% downwards. The choice of a polished or matt reflector provides either distinct or diffuse light. A wide range of decor rings help control the light and provide decorative effects.

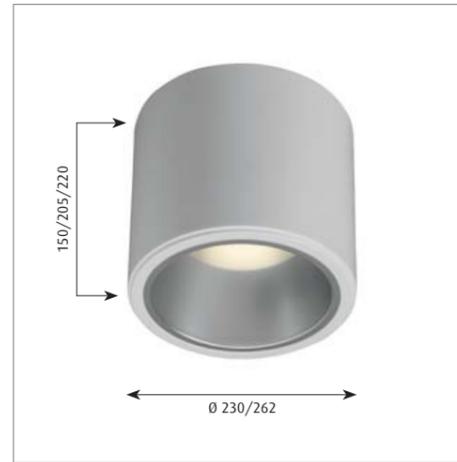
**Finish:** White, powder coated.

**Material:** Reflector: Aluminium, matt anodised or metallised polished aluminium. Housing: Steel.

**Mounting:** Directly on ceiling. Terminal Block: 1x5x2.5mm<sup>2</sup>. Cable entries: Top entry. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 2kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions                    | Light source   | Finish | Reflector              | Lighting control  |
|--------------|-------------------------------|--|--------|------------------------|---|
| BEAT-SU      | 230/205<br>230/150<br>262/220 | 1x18W TC-TEL GX24q-2 HF<br>1x26W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>1x26/32W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF<br>2x32W TC-TEL GX24q-3 HF-D<br>1x14W TC-TEL GR14q-1 HF<br>1x14W TC-TEL GR14q-1 HF-D | WHT    | ALU MATT<br>ALU POLISH | NONE<br>DALI/SWITCH-DIM<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V |

**Specification notes**  
Dimming only available with 32W TC-TEL and 14W TC-TEL. 230/205 & 230/150 only available with 1x14W, 1x18W, 1x26W, 1x32W and 1x32W HF-D. 262/220 only available with 1x26/32W, 2x32W, 1x32W HF-D and 2x32W HF-D. 1x14W TC-TEL HF-D: DALI/SWITCH-DIM.

**Info notes**  
All lighting application data is based on TC-TEL light sources with amalgam. For further emergency versions, please contact the sales office.  
Accessories: [www.louispoulsen.com](http://www.louispoulsen.com).



# Magazin Mini/Normal

**Weblink:** 1639

**Design:** Vilhelm Wohlert

**Light Concept:** The anti-glare and reflector rings ensure the light is primarily directed downwards, but an opening in the reflector ring allows illumination of the ceiling. The four supports create a characteristic light pattern on the ceiling depending on which type of light source is used.

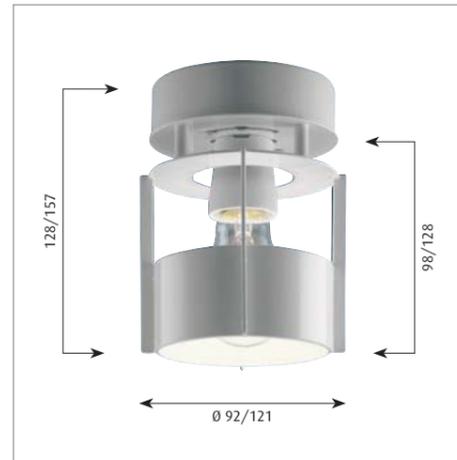
**Finish:** White, powder coated.

**Material:** Ring: Punched steel. Anti glare ring: Extruded steel.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: Top entry. Looping: Not approved. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions     | Light source            | Finish | Mounting                                |
|--------------|----------------|-------------------------|--------|---|
| MAG-C        | MINI<br>NORMAL | 1x40W E14<br>1x100W E27 | WHT    | FOR INSTALLATION BOX<br>SURFACE MOUNTED |

**Specification notes**  
40W E14 only available for Mini. 100W E27 only available for normal. Mini only available for mounting box.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



Indianapolis International Airport, Indianapolis, USA. A: HOK. E: Syska Hennessy Group. P: Saari & Forrai Photography.



# Munkegaard

**Weblink:** 1537

**Design:** Arne Jacobsen

**Light Concept:** The fixture resembles a glass disc hovering just below the ceiling. This impression is primarily created by the illuminated opening. The diffuser provides soft uniform lighting. This fixture gives the room the illusion of extra height.

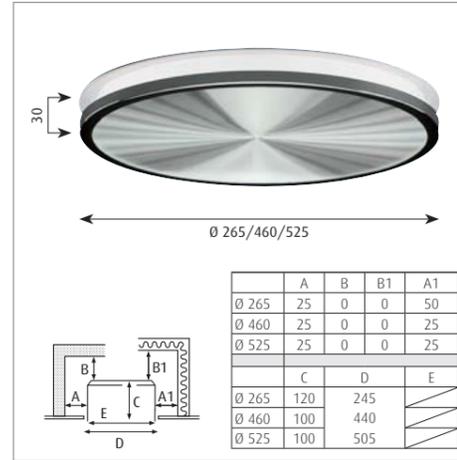
**Finish:** High lustre chrome plated or satin chrome-plated. Prismatic acrylic or white opal glass.

**Material:** Diffuser: Matt white opal glass or prismatic acrylic. Trim ring: High lustre chrome plated or satin chrome-plated, brass.

**Mounting:** Termination: Ø 460/Ø 525: Terminal block 1x5x2.5mm<sup>2</sup>, Ø 265: Plug 5x2.5mm<sup>2</sup>. Ceiling thickness: Ø 265mm: 1-50mm, Ø 460mm/Ø 525mm: 1-55mm. Ceiling Cut-Out: Ø 265: 245mm, Ø 460: 440mm and Ø 525: 505mm. Looping: Approved, max. 5x1,5mm<sup>2</sup> (Ø 265mm: Not approved for looping). For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 7kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions | Light source   | Finish                    | Shield/Diffuser | Lighting control                           |
|--------------|------------|--|---------------------------|-----------------|--|
| MUNK-C       | Ø 265      | 1x22W+1x40W T-R5 2GX13 HF                            | HIGH LUSTRE CHROME PLATED | OPAL            | NONE                                       |
|              | Ø 460      | 1x22W+1x55W T-R5 HF-D                                | SATIN CHROME PLATED       | PRISMATIC       | DALI                                       |
|              | Ø 525      | 1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D |                           |                 | DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V |

**Specification notes**  
Prismatic acrylic diffuser only available for Ø 460 and Ø 525. 60W A55 and 32W TC-TEL only available for Ø 265. 22W+40W T-R5 only available for Ø 460 and Ø 525. 22+55W T-R5 only available for Ø 525. DALI/DSI/Switch-dim/Smart-dim only available for 1x32W TC-TEL HF-D and 22+55W T-R5 HF-D. DALI only available for Ø 525 1x22W+1x55W T-R5 HF-D. 1-10V only available for Ø 265 1x32W TC-TEL HF-D and Ø 525 1x22W+1x55W T-R5 HF-D.

**Info notes**  
Emergency light possible for 3H, with or without autotest. For Ø 265 only with 1x32 W. For Ø 460 + Ø 525 only with 22 +40W. For further emergency versions, please contact the sales office.



# Munkegaard Mega

**Weblink:** 1685

**Design:** Arne Jacobsen

**Light Concept:** The fixture resembles a glass disc hovering just below the ceiling. This impression is primarily created by the illuminated opening. The diffuser provides soft uniform lighting. This fixture gives the room the illusion of extra height.

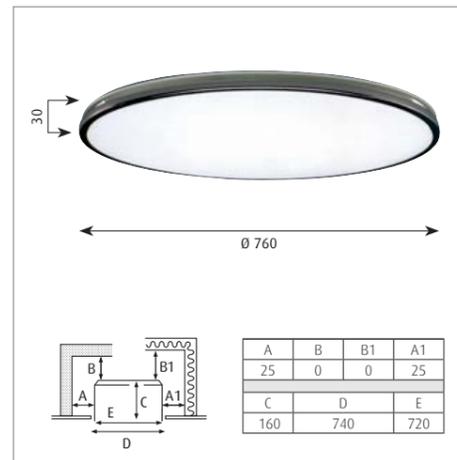
**Finish:** High lustre chrome plated or satin chrome-plated. White opal acrylic.

**Material:** Diffuser: White opal acrylic. Trim ring: High lustre chrome plated or satin chrome-plated, brass.

**Mounting:** Mounting hole: Ø 740 mm. Ceiling thickness: 1-55mm. Socketoutlet and plug: HF: Wieland 92.032.9658.1 GST 18i3F S2R. HF-D: Wieland 92.052.9658.1 GST 18i5F S2R. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 8kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions | Light source                                 | Finish   | Lighting control                      |
|--------------|------------|--|--|---------------------------------------|
| MUNK-MEGA-C  | Ø 760      | 3x55W T-R5 2GX13 HF<br>3x55W T-R5 2GX13 HF-D | HIGH LUSTRE CHROME PLATED<br>SATIN CHROME PLATED | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM |

**Specification notes**  
DALI/DSI/Switch-dim/Smart-dim only available for 3x55W T-R5 HF-D.

**Info notes**  
Supplied with matching Wieland female outlet.



# Munkegaard Micro

**Weblink:** 1687

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits diffuse and comfortable light directed downwards. The white opal glass disc provides an even illumination of the surface. The glass disc appears to hover below the ceiling, due to its suspended placement, allowing light to slip out through the gap between the disc and the fixture. This results in a different visual experience.

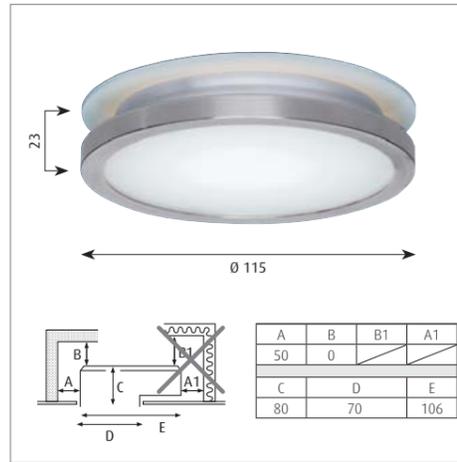
**Finish:** High lustre chrome plated or satin chrome-plated. White opal glass.

**Material:** Diffuser: White opal glass. Trim ring: Stainless steel.

**Mounting:** Ceiling thickness: 5-32mm. Ceiling cut-out: Ø 70mm. Terminal block: 1x2x4mm<sup>2</sup>. Looping: Not approved. Ballast: Supplied without transformer. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection III low voltage.



| Product code | Light source                | Finish   |
|--------------|-----------------------------|--|
| MUNK-MI-C    | 1x20W QT ax-12 Clear GY6,35 | HIGH LUSTRE CHROME PLATED<br>SATIN CHROME PLATED |

**Info notes**  
Supplied with light source. The fitting is also approved for 35W, but then the fixture is not approved for mounting directly on flammable material. Ballast has to be ordered separately.



# Oslo Round Ceiling/Wall

**Weblink:** 1592

**Design:** Kurt Nørregaard

**Light Concept:** The fixture emits indirect symmetrical light. The shape of the shades results in lateral light distribution, creating a comfortable mood and a soft, decorative luminance-balancing effect.

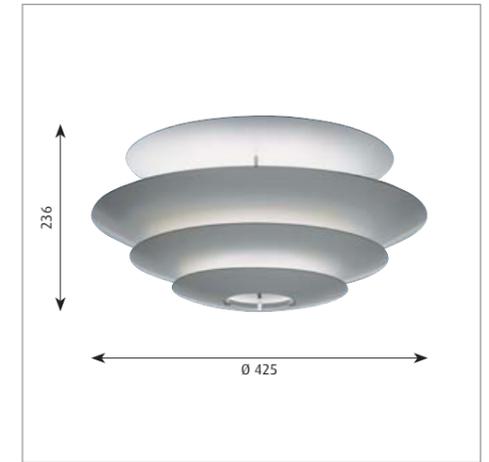
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Diffuser: Sandblasted glass. Wall box: Spun steel. Struts: Die cast aluminium.

**Mounting:** Terminal block: HF: 1x3x2,5mm<sup>2</sup>, HF-D: 1x5x2,5mm<sup>2</sup>. Cable entries: 2x rear entries, Ø 20mm. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source   | Finish | Lighting control  |
|--------------|--|--------|-------------------|
| OS-RO-WC     | 1x42W TC-TEL GX24q-4 HF-D<br>1x26W/32W/42W TC-TEL HF | WHT    | NONE<br>DIM 1-10V |

**Specification notes**  
Dimming only available with 1x42W HF-D.



# Oslo Micro Ceiling

**Weblink:** 1629

**Design:** Kurt Nørregaard

**Light Concept:** The fixture emits a narrow band of light directed downwards. The reflector rings direct a small amount of light towards the ceiling, creating a soft, harmonic transition between the fixture and ceiling. They also reduce the angle of glare, minimizing any annoyance to passers-by.

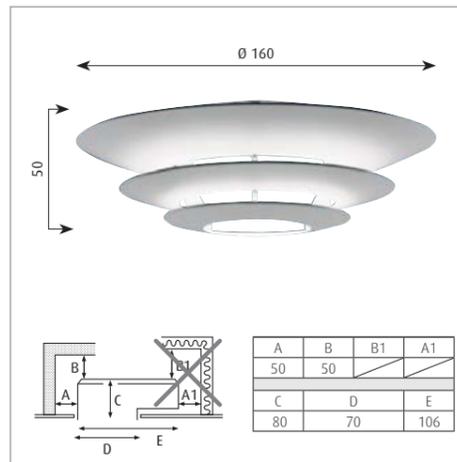
**Finish:** White, wet painted.

**Material:** Shades: Spun steel and aluminium.

**Mounting:** Ceiling thickness: 5-32mm. Ceiling Cut-Out: Ø 70mm. Terminal block: 1x2x4mm<sup>2</sup>. Looping: Not approved. Ballast: Supplied without transformer. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection III low voltage.



| Product code | Light source                | Finish |
|--------------|-----------------------------|--------|
| OS-MI-C      | 1x50W QT ax-12 Clear GY6,35 | WHT    |

**Info notes**  
Supplied with light source. Ballast has to be ordered separately.



# Pulsar 135

**Weblink:** 1630

**Design:** Alfred Homann

**Light Concept:** The light is primarily directed downwards. The light distribution depends on the type of shade used. Two models are available. The first is an opal version that provides diffused downward light while softly illuminating the ceiling. The second is a metallic version that provides direct downward light while faintly illuminating the ceiling.

**Finish:** Metallic, wet painted or white opal acrylic.

**Material:** Ceiling ring: Injection moulded PBT plastic. Shade: Metallic, injection moulded acrylic or injection moulded white opal acrylic. Housing: Clear lacquer, extruded aluminium.

**Mounting:** Recessed: Ceiling cut-out: Ø 150mm. Surface: Mounted directly on the ceiling. Termination: Plug 3x2.5mm<sup>2</sup>. Ceiling thickness: 1-50mm. Cable entries: 1x rear entry Ø 18mm. Looping: Not approved. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source           | Finish | Shade                   | Mounting                    |
|--------------|------------------------|--------|-------------------------|-----------------------------|
| PUL-135-C    | 1x18W TC-DEL G24q-2 HF | MET    | MET ACRYL<br>OPAL ACRYL | RECESSED<br>SURFACE MOUNTED |

**Info notes**  
All variants can be delivered with light source and/or 2m cable + plug.



# Pulsar 172

**Weblink:** 1638

**Design:** Alfred Homann

**Light Concept:** The light is primarily directed downwards. The light distribution depends on the type of shade used. Two models are available. The first is an opal version that provides diffused downward light while softly illuminating the ceiling. The second is a metallic version that provides downward directed light.

**Finish:** Metallic, wet painted or white opal acrylic.

**Material:** Ceiling ring: Injection moulded PBT. Shade: Metallic, injection moulded acrylic or injection moulded white opal acrylic. Reflector: White, spun aluminium. Housing: Clear lacquer, extruded aluminium.

**Mounting:** Recessed: Ceiling cut-out: Ø 150mm. Ceiling thickness: 1-30mm. Terminal block: 1x3x2.5mm<sup>2</sup> (HIT) or 1x5x2,5mm<sup>2</sup> (TC-TEL). Cable entries: 1x rear entry Ø 18mm. Looping: Approved, max. 5x1.5mm<sup>2</sup> (TC-TEL) or not approved (HIT). For more information please look at [www.louispuolsen.com](http://www.louispuolsen.com).

**Weight:** Max. 2kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source  | Finish | Shade                   | Mounting                    |
|--------------|---|--------|-------------------------|-----------------------------|
| PUL-172-C    | 1x26/32W TC-TEL GX24q-3 HF<br>1x20W HIT-CRI G8.5 HF | MET    | MET ACRYL<br>OPAL ACRYL | RECESSED<br>SURFACE MOUNTED |

Info notes  
All variants can be delivered with light source and/or 2m cable + plug.



# Record Ceiling/Wall

**Weblink:** 1648

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits symmetric light directed primarily downwards. Two different shades are available: the opal version emits diffuse downward-directed light and soft lighting and the prismatic version emits channelled downward-directed light. Both shades give the fixture a discreet lighting surface which creates a peaceful ceiling environment.

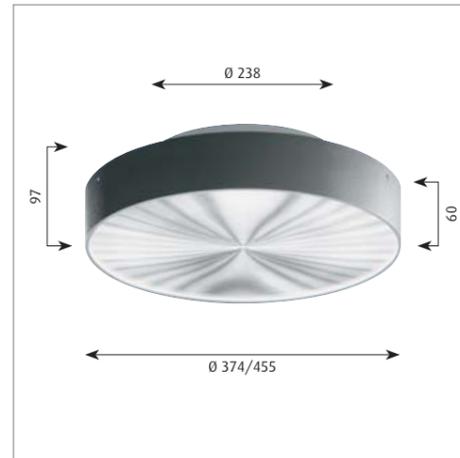
**Finish:** Aluminium coloured with textured surface, powder coated. Prismatic acrylic or white opal acrylic.

**Material:** Diffuser: Vacuum formed white opal acrylic or prismatic acrylic. Ring: Die cast aluminium. Housing: Spun steel.

**Mounting:** Terminal block: 1x5x2.5mm<sup>2</sup>. Cable entries: 2x rear entries, Ø 20mm. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispuolsen.com](http://www.louispuolsen.com).

**Weight:** Max. 4kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions     | Light source  | Finish       | Shield/Diffuser   | Lighting control  |
|--------------|----------------|---|--------------|-------------------|-------------------|
| REC-WC       | Ø 374<br>Ø 455 | 1x22W+1x40W T-R5 2GX13 HF<br>1x22W+1x40W T-R5 2GX13 HF-D<br>1x40W T-R5 2GX13 HF<br>1x40W+1x60W T-R5 2GX13 HF<br>1x55W T-R5 2GX13 HF | ALU COL TEXT | OPAL<br>PRISMATIC | NONE<br>DIM 1-10V |

Specification notes  
Ø 374 only available with 1x40 or 1x55W T-R5. Ø 455 only available with 1x22+40 or 1x40+60W T-R5.



Infopavillion Überseequartier, Hamburg, Germany. A.Bolles + Wilson. P: Paul Kozlowski.



# Strata Micro

Weblink: 1627

Design: Alfred Homann

**Light Concept:** The light distribution is diffuse and symmetric. The white reflector ensures a warm, comfortable light. The rings reduce glare for passers-by. The surface of the rings also reflects some light towards the ceiling, providing the illusion of higher ceiling height.

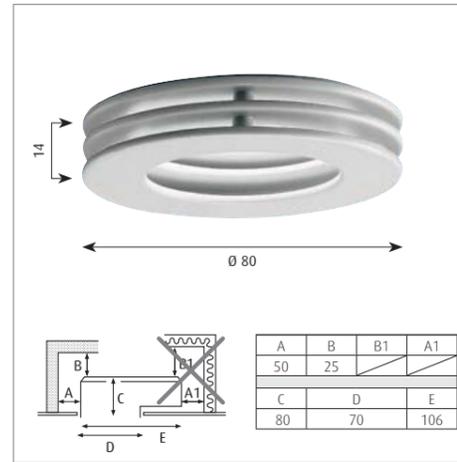
**Finish:** White, powder coated.

**Material:** Rings: Punched steel.

**Mounting:** Ceiling thickness: 5-32mm. Ceiling cut-out: Ø 70mm. Terminal block: 1x2x4mm<sup>2</sup>. Looping: Not approved. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection III low voltage.



| Product code | Light source   | Finish |
|--------------|--|--------|
| STRA-MI-C    | 1x35W QT ax-12 Clear GY6,35<br>1x50W QT ax-12 Clear GY6,35 | WHT    |

Info notes  
Supplied with light source.  
Ballast has to be ordered separately.



# Strata Mini/Maxi

Weblink: 1626

Design: Alfred Homann

**Light Concept:** The light distribution is diffuse and symmetric. The white reflector ensures a warm comfortable light. The rings reduce glare for passers-by. The concave top surface of the rings also reflects some light towards the ceiling, providing the illusion of higher ceiling height.

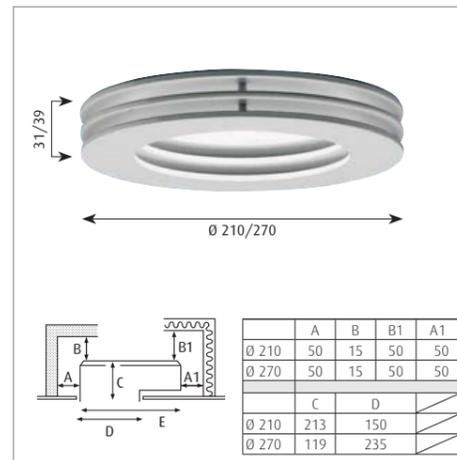
**Finish:** White, powder coated.

**Material:** Reflector: White, spun aluminium. Rings: Die cast aluminium.

**Mounting:** Recessed: Ceiling cut-out: Maxi: Ø 235mm, Mini: Ø 150mm. Ceiling thickness: 1-30mm. Surface: Mounted directly on the ceiling. Terminal block: 1x5x2,5mm<sup>2</sup>. Cable entries (surface mounted): 1x rear entry Ø 18mm. Looping: Approved, max. 5x1,5mm<sup>2</sup>. For more information please look at [www.louispoulsen.com](http://www.louispoulsen.com).

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions   | Light source  | Finish | Mounting                    | Lighting control  |
|--------------|--------------|---|--------|-----------------------------|---|
| STRA-C       | MINI<br>MAXI | 1x26/32W TC-TEL GX24q-3 HF<br>1x26/32W TC-TEL GX24q-3 HF-D<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>2x13W TC-D G24d-1 Conv.<br>2x18W TC-D G24d-2 Conv.<br>2x26W TC-D G24d-3 Conv.<br>2x26W TC-TEL GX24q-3 HF<br>2x26W TC-TEL GX24q-3 HF-D | WHT    | RECESSED<br>SURFACE MOUNTED | NONE<br>DALI/SWITCH-DIM<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V<br>EMPK |

Specification notes  
2x13W TC-DEL and 1x26/32W TC-TEL only available for Mini recessed. 2x13W TC-D only available for Mini surface. 2x26 TC-TEL and 1x32W TC-TEL only available for Maxi recessed. 2x18W TC-D and 2x26W TC-D only available for Maxi surface.

Info notes  
All variants can be delivered with light source and/or 2m cable + plug.



# Zirkon

**Weblink:** 2168

**Design:** Arkitektfirmaet C. F. Møller

**Lighting Concept:** The fixture emits even, diffuse light, creating an attractive soft atmosphere. The thick polycarbonate disc provides a corona effect which illuminates the ceiling, making the disc appear to hover.

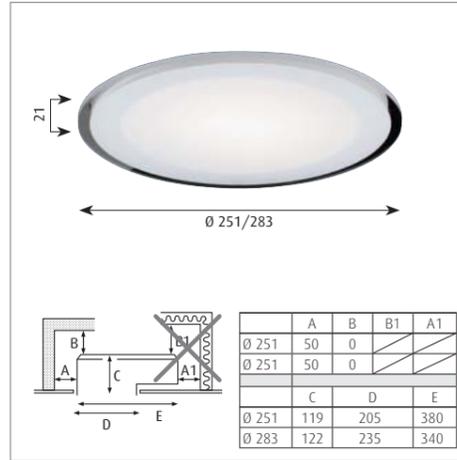
**Finish:** White silk screen printed polycarbonat.

**Material:** Reflector: Aluminium, matt anodised. Disc: Semi-transparent silk screen printed glass.

**Mounting:** Ceiling thickness: 1-15mm or 1-30mm. Ceiling Cut-Out: Ø 251: 205mm, Ø 283: 235mm. Terminal block: 1x5x2,5mm<sup>2</sup>. Looping: Approved, max. 5x1.5mm<sup>2</sup>. For more information please look at [www.louispuolsen.com](http://www.louispuolsen.com).

**Weight:** Max. 2kg.

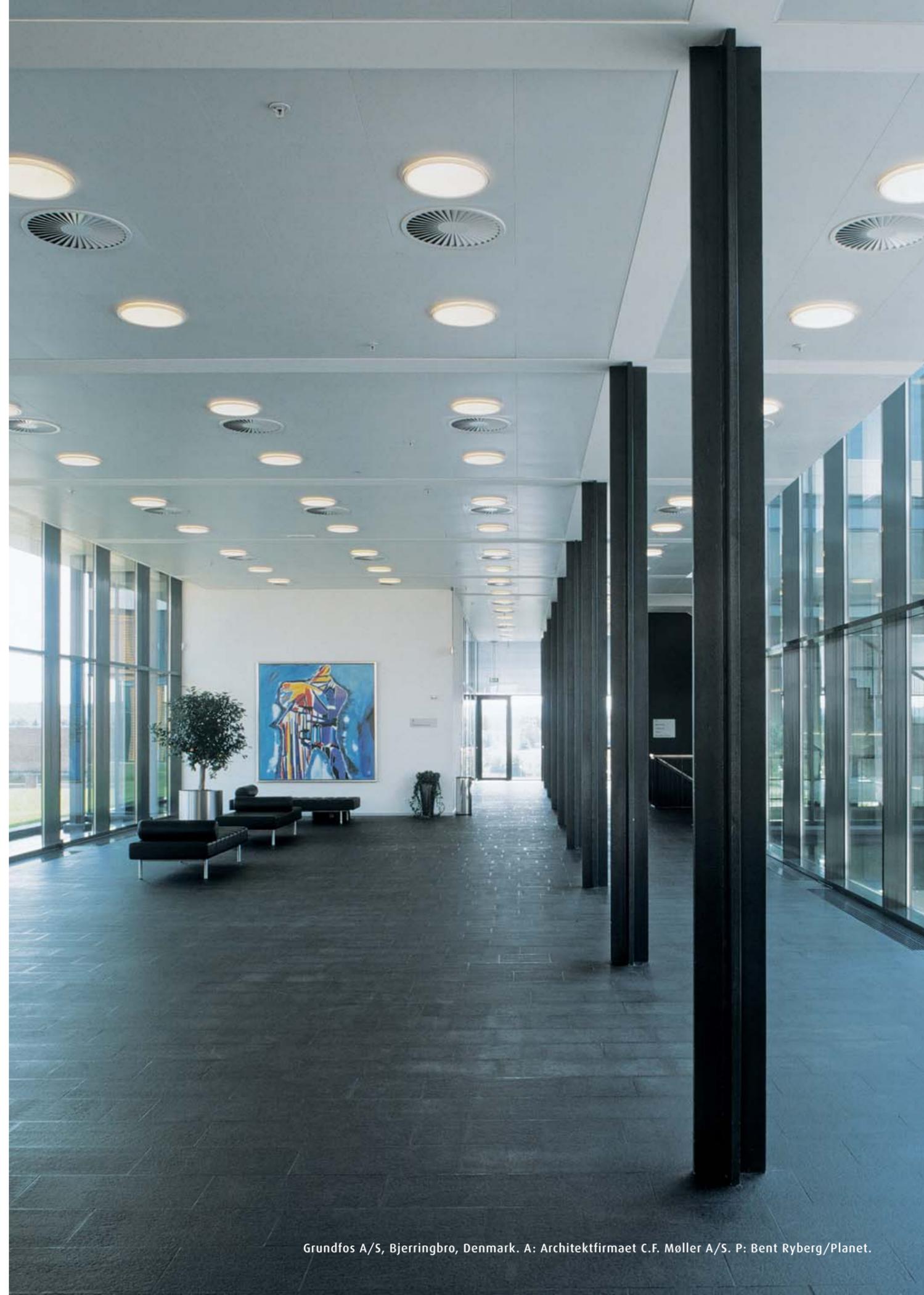
**Class:** Ingress protection IP21. Electric shock protection I w. ground.

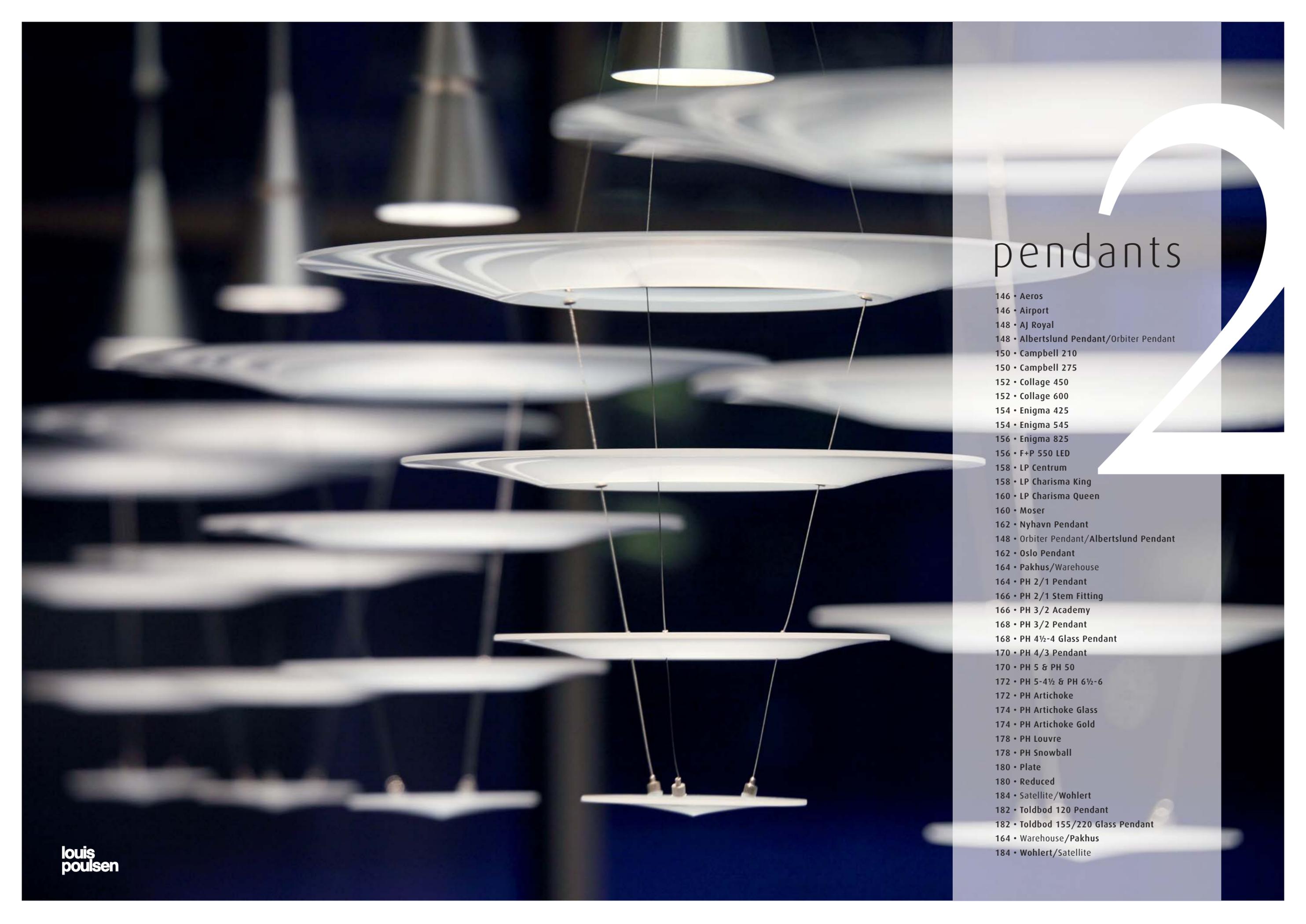


| Product code | Dimensions     | Light source   | Finish                      | Lighting control                      |
|--------------|----------------|--|-----------------------------|---------------------------------------|
| ZIR-C        | Ø 251<br>Ø 283 | 1x26W TC-TEL GX24q-3 HF<br>1x26W TC-TEL GX24q-3 HF-D<br>1x32W TC-TEL GX24q-3 HF<br>1x32W TC-TEL GX24q-3 HF-D<br>1x42W TC-TEL GX24q-4 HF<br>1x42W TC-TEL GX24q-4 HF-D | WHT SILK SCR. PRINT. POLYC. | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM |

**Specification notes**  
1x26W TC-TEL only available for Ø251. 1x32W TC-TEL only available for Ø251 and Ø283. 1x42W TC-TEL only available for Ø283.

**Info notes**  
All variants can be delivered with light source and/or 2m cable + plug.





# pendants

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# pendants

|   |  |  |   |   |
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# Aeros

Weblink: 2479

Design: Ross Lovegrove

**Light Concept:** The fixture emits warm diffuse light directed primarily downwards. The reflector design is based on the organic Fibonacci pattern and provides a rare and appealing light distribution, as well as a decorative effect on the fixture. The organically inspired perforation pattern on the body of the fixture also provides an interesting and mystical lighting effect. The fixture has an almost three-dimensional expression, which makes it appear to float in the room.

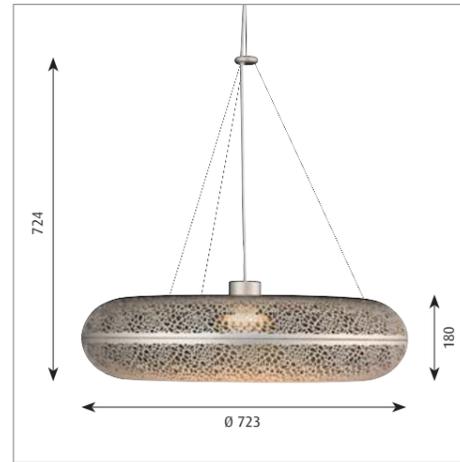
**Finish:** Golden Sand, anodised.

**Material:** Shades: Form pressed aluminium. Canopy: Spun aluminium. Wire connector: Turned aluminium. Diffuser: Acrylic satine.

**Mounting:** Suspension type: Cable 1.5m, 3x0.75mm<sup>2</sup> (Cl. I) and wire or Cable 3m, 2x0.75mm<sup>2</sup> (Cl. II) and wire. Canopy: Yes.

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w/ground, II w/o ground.



| Product code | Light source   | Voltage/Frequency     | Finish           | Class   | Cable type |
|--------------|--|-----------------------|------------------|---------|------------|
| AEROS-P      | 1x35W HIT-CRI G8.5 HF<br>1x75W QT ax-12 Clear GY6,35<br>1x60W HALOPIN G9 | 230V/12V<br>230V/50HZ | GOLDEN SAND ANOD | I<br>II | WHT TEX    |

**Specification notes**  
75W QT only available with 230/12V. 35W HIT and MAX 60W Halopin only available with 230/50Hz. 60W Halopin only available with class II. 35W and 75W QT only available with class I.

**Info notes**  
60W Halopin is supplied with light source. For higher ceiling heights a special extension is available.



# Airport

Weblink: 1547

Design: Louis Poulsen Lighting A/S

**Light Concept:** The fixture provides 100% glare-free light, directed primarily downwards. Two models are available, with either wide or narrow light distribution. The light distribution is determined by a top shade that is either polished or painted white on the underside.

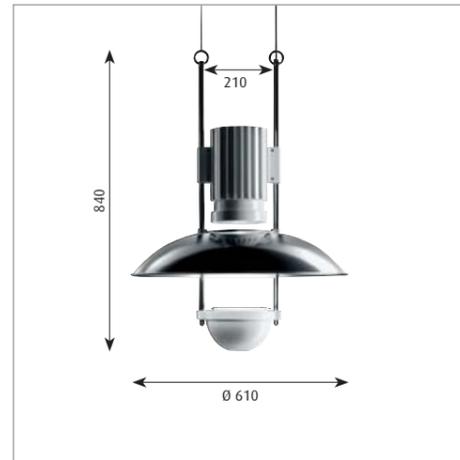
**Finish:** White, powder coated. Anodised aluminium.

**Material:** Reflector: Spun grey, anodised aluminium. Bottom cup: Die cast aluminium. Housing: Die cast aluminium. Pendant tubes: Polished stainless steel.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: No. Cable length: 4m.

**Weight:** Max. 11.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source  | Finish | Reflector      | Cable type  |
|--------------|---|--------|----------------|-------------|
| AIR-P        | 1x150W HIT-DE Rx7s-24 HF<br>1x500W QT-DE 12 Clear R7s | WHT    | NARROW<br>WIDE | WHT PL/WIRE |

**Info notes**  
Reflector wide beam: white. Reflector narrow beam: aluminium. HIT-version phase-compensated.



Restaurant The Edge, Oslo, Norway. A: HRTB Arkitekter AS. I: Anita Resch Interior. P: Jiri Havran.



# AJ Royal

**Weblink:** 1532

**Design:** Arne Jacobsen

**Lighting Concept:** The light is diffused through an opal acrylic base plate, ensuring 100% glare-free lighting. The open rings at the top faintly illuminate the fixture.

**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Rings: Steel.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 4kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions     | Light source   | Finish | Cable type        |
|--------------|----------------|--|--------|-------------------|
| AJR-P        | Ø 370<br>Ø 500 | 1x22W T-R5 2GX13 HF<br>1x55W T-R5 2GX13 HF<br>1x100W E27<br>1+3x100W E27 | WHT    | WHT PL<br>WHT TEX |

**Specification notes**  
100W E27 and 22W T-R5 only available for Ø370. 1+3x100W E27 and 55W T-R5 only available for Ø500. Incandescent versions with textile cable.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Converter required for 1-10V signal. Find energysaving alternative light sources on [www.louispoulsen.com](http://www.louispoulsen.com).



# Albertslund Pendant/Orbiter Pendant

**Weblink:** 1551

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture provides characteristic symmetrical and functional lighting. The horizontal ring reflects the light downwards, but its position also allows some light to slip past and illuminate the ceiling. The anti-glare ring prevents from horizontal glare, and the diffuser is available either as clear or white opal glass, depending on the desired light source.

**Finish:** Galvanized, grey or white, powder coated.

**Material:** Enclosure: Clear glass or partly frosted glass. Saturn ring: Punched aluminium or galvanized, punched steel. Anti glare ring: Spun aluminium or galvanized, extruded steel. Housing: Die cast aluminium. Top: Die cast aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source                          | Finish              | Shield/Diffuser       | Cable type |
|--------------|---------------------------------------|---------------------|-----------------------|------------|
| ALB-P        | 1x18W TC-TEL GX24q-2 HF<br>1x100W E27 | GALV<br>GREY<br>WHT | CLEAR<br>PART FROSTED | WHT TEX    |

**Specification notes**  
Clear glass diffuser is only available with 100W E27. Partly frosted glass is only available with 18W TC-TEL.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# Campbell 210

**Weblink:** 2111

**Design:** Louise Campbell

**Light Concept:** The fixture emits light directed primarily downwards. The light is refracted as it passes between the two separate glass surfaces. The sandblasted stripes add a three-dimensional effect to the fixture, as well as shielding direct glare. The staggered sandblasted stripes helps create diffuse light. The fixture is fitted with a reflector light source. In addition to providing the best visual effect in the shades, this also contributes to downward-directed and functional light.

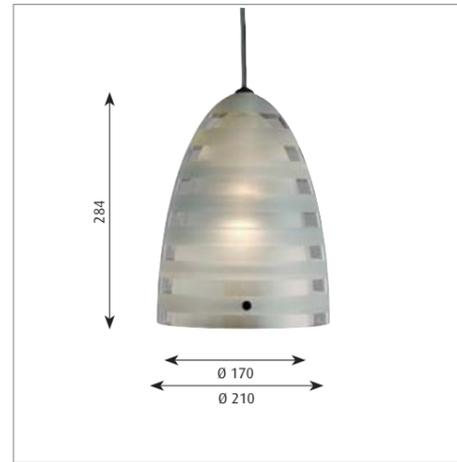
**Finish:** Clear glass with sandblasted stripes.

**Material:** Shades: Mouth-blown clear glass with sandblasted stripes.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup> and wire. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source            | Finish        | Cable type   |
|--------------|-------------------------|---------------|--------------|
| CAM-210-P    | 1x40W Reflector R50 E14 | STRIPED GLASS | WHT TEX/WIRE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
Supplied with light source.



# Campbell 275

**Weblink:** 1669

**Design:** Louise Campbell

**Light Concept:** The fixture emits light directed primarily downwards. The light is refracted as it passes between the two separate glass surfaces. The sandblasted stripes add a three-dimensional effect to the fixture, as well as shielding direct glare. The staggered sandblasted stripes helps create diffuse light. The fixture is fitted with a reflector light source. In addition to providing the best visual effect in the shades, this also contributes to downward-directed functional light.

**Finish:** Clear glass with sandblasted stripes.

**Material:** Shades: Mouth-blown clear glass with sandblasted stripes.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source            | Finish        | Cable type   |
|--------------|-------------------------|---------------|--------------|
| CAM-P        | 1x75W Reflector R80 E27 | STRIPED GLASS | WHT TEX/WIRE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
Supplied with light source.



Ter Hell Haus, Hamburg, Germany. A: Leusmann Planungsgesellschaft. P: Paul Kozłowski.

# Collage 450

**Weblink:** 2516

**Design:** Louise Campbell

**Light Concept:** The fixture emits diffuse light directed primarily downwards. The patterns on the three laser-cut acrylic shades have been carefully staggered with the aim of eliminating unpleasant glare from the light source. The patterns differ between the shades, resulting in different perceptions of light and shadow depending on the viewing angle. A soft and comfortable light will be obtained by mounting the lower antiglare shade.

**Finish:** Hotlips (pink), juicy orange (orange), lemon yellow (yellow), smoke screen (smoke-tinted) or snow white (white).

**Material:** Suspension: Natural anodised aluminium. Shades: Laser cut acrylic.

**Mounting:** Suspension type: Cable 2x1mm<sup>2</sup> (E27) or 3x0.75mm<sup>2</sup> (HIT). Canopy: Yes. Cable length: 3m (E27) or 1.5m (HIT).

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground (HIT) or II w/o ground (E27).



| Product code | Light source                       | Finish  |
|--------------|------------------------------------|---|
| COLL-450-P   | 1x20W HIT-CRI G8.5 HF<br>1x75W E27 | HOTLIPS<br>JUICY ORANGE<br>LEMON YELLOW<br>SMOKE SCREEN<br>SNOW WHITE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuelsen.com](http://www.louispuelsen.com) we update a list of recommendable light sources.

**Info notes**  
The E27 version is supplied with an 18W E27 energysaving light source. Top- and bottom antiglare shades are available as accessories.



# Collage 600

**Weblink:** 1675

**Design:** Louise Campbell

**Light Concept:** The fixture emits diffuse light directed primarily downwards. The patterns on the three laser-cut acrylic shades have been carefully staggered with the aim of eliminating unpleasant glare from the light source. The patterns differ between the shades, resulting in different perceptions of light and shadow depending on the viewing angle. A soft and comfortable light will be obtained by mounting the lower antiglare shade.

**Finish:** Hotlips (pink), juicy orange (orange), lemon yellow (yellow), smoke screen (smoke-tinted) or snow white (white).

**Material:** Suspension: Natural anodised aluminium. Shades: Laser cut acrylic.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source                          | Finish  | Cable type |
|--------------|---------------------------------------|---|------------|
| COLL-P       | 1x35W HIT Clear G8.5 HF<br>1x100W E27 | HOTLIPS<br>JUICY ORANGE<br>LEMON YELLOW<br>SMOKE SCREEN<br>SNOW WHITE | WHT TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuelsen.com](http://www.louispuelsen.com) we update a list of recommendable light sources.

**Info notes**  
Top- and bottom antiglare shades are available as accessories.



VP, Copenhagen, Denmark. A: Dissing+Weitling architecture. I: Signal Arkitekter. P: Clearlight.

# Enigma 425

**Weblink:** 1651

**Design:** Shoichi Uchiyama

**Light Concept:** The fixture emits glare-free, soft, comfortable downward light. The shade design ensures even illumination of the surface. The matte upper surface diffuses the light, while the shiny lower surface ensures optimal reflection.

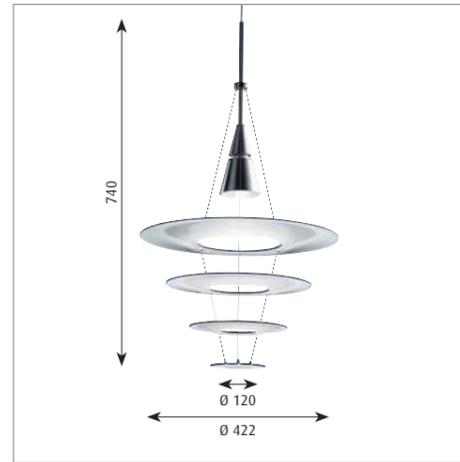
**Finish:** Aluminium, brushed and coated. Matt coated acryl.

**Material:** Cone: Brushed & lacquered aluminium. Wire: Stainless steel. Shades: Matt coated acrylic. Pendant tube: Extruded brushed aluminium.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source    | Finish  | Cable type   |
|--------------|-----------------|---------|--------------|
| ENIG-425-P   | 1x50W QPAR GU10 | BR. ALU | TRANSP CABLE |

Info notes  
Supplied with light source.



# Enigma 545

**Weblink:** 2188

**Design:** Shoichi Uchiyama

**Light Concept:** The fixture emits glare-free, soft, comfortable downward light. The shade design ensures even illumination of the surface. The matte upper surface diffuses the light, while the glossy lower surface ensures optimal reflection.

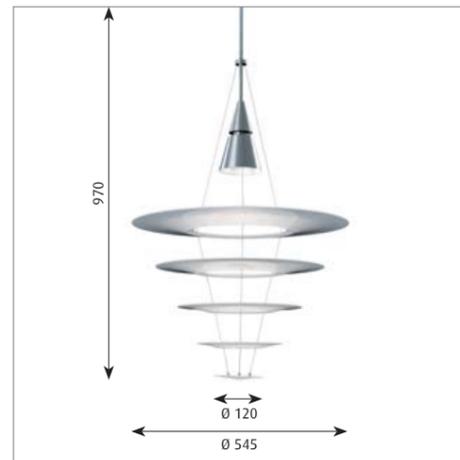
**Finish:** Aluminium, brushed and coated. Matt coated acryl.

**Material:** Cone: Brushed & lacquered aluminium. Wire: Stainless steel. Shades: Matt coated acrylic. Pendant tube: Brushed & lacquered aluminium.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 1m (HIT) or 4m (HALOPAR).

**Weight:** Max. 2kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source                                 | Finish  | Cable type              |
|--------------|--|---------|-------------------------|
| ENIG-545-P   | 1x75W HALOPAR 20 GU10<br>1x20W HIT MR16 GX10 | BR. ALU | TRANSP CABLE<br>WHT TEX |

Specification notes  
1x20W HIT MR16 GX10 is only supplied with white textile cable.  
1x75W Halopar 20 GU10 is only supplied with transparent cable.

Info notes  
1x75W Halopar 20 GU10 is supplied with light source.  
For higher ceiling heights and when using HIT, a variant with extension kit (4m cable) is available.



VP, Copenhagen, Denmark. A: Dissing+Weitling architecture. I: Signal Arkitekter. P: Clearlight.

# Enigma 825

**Weblink:** 1677

**Design:** Shoichi Uchiyama

**Light Concept:** The fixture emits glare-free, soft, and comfortable downward light. The shade design ensures even illumination of the surface. The matte upper surface diffuses the light, while the glossy lower surface ensures optimal reflection.

**Finish:** Aluminium, brushed & anodised. Matt acrylic.

**Material:** Cone: Natural anodised brushed aluminium. Wire: Stainless steel. Shades: Matt acrylic. Pendant tube: Extruded aluminium, brushed & anodised.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 1,5m (HIT) or 4,0m (QT).

**Weight:** Max. 7kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source  | Finish        | Cable type   |
|--------------|---|---------------|--------------|
| ENIG-825-P   | 1x35W HIT-CRI G12 HF<br>1x70W HIT-CRI G12 HF<br>1x150W QT Clear E27 | ALU BR. & ANO | WHT TEX/WIRE |

**Info notes**  
For higher ceiling heights and when using HIT, a variant with extension kit with 4m cable is available as accessory.



# F+P 550 LED

**Weblink:** 2492

**Design:** Foster + Partners

**Light Concept:** The fixture emits 100% glare-free light directed primarily downwards. A light guide directs a portion of the light onto the glass, which becomes softly illuminated. The edge of the glass creates a decorative light effect.

**Finish:** Aluminium colour textured, wet painted. White opal glass.

**Material:** Shade: High pressure moulded aluminium. Reflector: Spun aluminium. Diffuser: Matt white opal glass.

**Mounting:** Suspension type: 3x internal cable 2x0,5mm<sup>2</sup>. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 5.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source   | Finish       | Class | Shield/Diffuser | Cable type   |
|--------------|--|--------------|-------|-----------------|--------------|
| F+P-550-P    | 30 LED White Nom.load 36W<br>30 LED White Nom.l. 36W Dim | ALU COL TEXT | I     | WHT OPAL        | TRANSP CABLE |

**Info notes**  
Dimmable variant should use a trailing edge dimmer.



VP, Copenhagen, Denmark. A: Dissing+Weitling architecture. I: Signal Arkitekter. P: Clearlight.

# LP Centrum

**Weblink:** 1549

**Design:** Kurt Nørregaard, Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. Its geometric design is based according to the mathematical lituus curve. All the illuminated surfaces are hit by the light at the same angle, casting the light into the room under the same conditions. This results in both horizontal and vertical light emission.

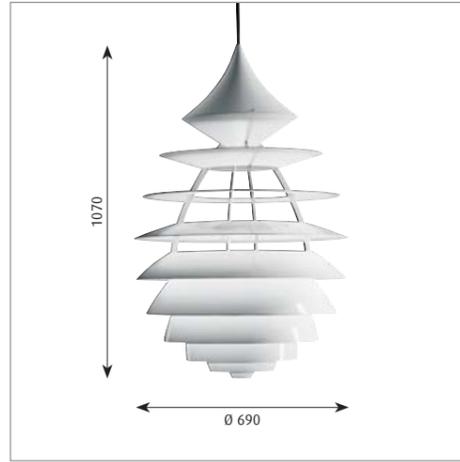
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Frame: Extruded grey, anodised aluminium. Suspension: Spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m. Ballast positioning: In fixture head.

**Weight:** Max. 14.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source      | Finish | Cable type   |
|--------------|-------------------|--------|--------------|
| CEN-P        | 1x150W HIT G12 HF | WHT    | WHT TEX/WIRE |



# LP Charisma King

**Weblink:** 1611

**Design:** PLH design as

**Light Concept:** The fixture emits a downward directed light. The two opal shades distribute a small amount of light laterally illuminating the fixture itself. The fixture is available with two reflector options: a narrow beam anodized, and a wide beam white painted.

**Finish:** Aluminium coloured, wet painted or white, powder coated. Clear acrylic.

**Material:** Cone: Injection moulded clear acrylic. Shades: Injection moulded opal polycarbonate. Reflector: Spun aluminium. Ring: Die cast aluminium. Housing: Spun aluminium. Struts: Die cast aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 6kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source  | Finish         | Reflector        | Shade   | Cable type           |
|--------------|---|----------------|------------------|---------|----------------------|
| CHA-P        | 1x150W HIT G12 HF<br>1x70W HIT-CRI G12 HF<br>1x230W QT-32 Clear E27 | ALU COL<br>WHT | NARROW<br>MEDIUM | OPAL PC | NONE<br>WHT TEX/WIRE |

**Info notes**  
Reflector medium beam: white inside. Reflector narrow beam: matt metallic inside.



# LP Charisma Queen

**Weblink:** 1678

**Design:** PLH design as

**Light Concept:** The fixture emits a downward directed light. The interior cone is made up of five panels with a slight overlap, creating a play of light on the cone. For further strength of the visual identity, an orange or green colour can be implemented in the overlap.

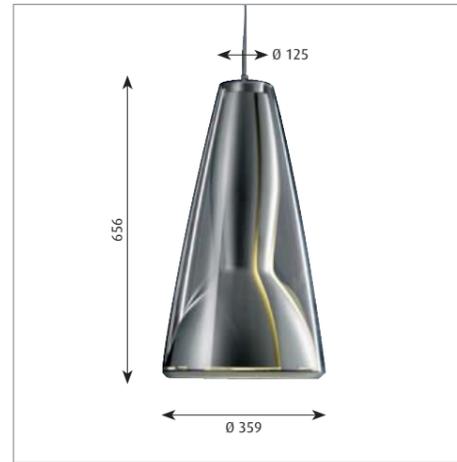
**Finish:** White. Grey aluminium coloured, wet painted. Clear acrylic.

**Material:** Cone: Injection moulded clear acrylic. Shades: Spun steel. Ring: Dark grey, die cast aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 6kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source  | Finish              | Decor part   | Lighting control  |
|--------------|---|---------------------|--|-------------------|
| CHA-Q-P      | 1x57W TC-TEL GX24q-5 HF<br>1x57W TC-TEL GX24q-5 HF-D<br>1x70W TC-TEL GX24q-6 HF | GREY ALU COL<br>WHT | GREEN & ORANGE STRIPE<br>GREEN STRIPE<br>NOT APPLICABLE<br>ORANGE STRIPE<br>W/O STRIPE | NONE<br>DIM 1-10V |

**Specification notes**  
HF only available with no lighting control. HF-D only available with DIM 1-10V.



# Moser

**Weblink:** 1635

**Design:** Anu Moser

**Light Concept:** The fixture emits diffuse light and the thickness of the glass results in very comfortable light distribution.

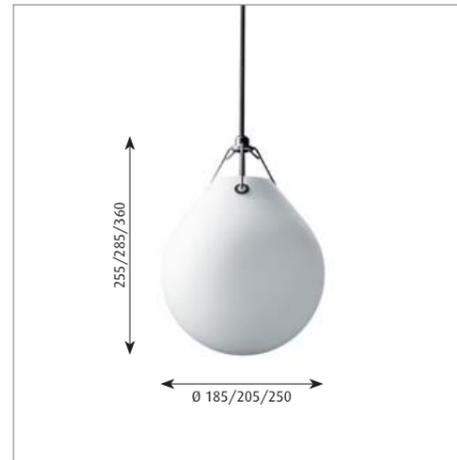
**Finish:** Matt white opal glass.

**Material:** Suspension: Polished aluminium. Shade: Mouth-blown matt white opal glass.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Dimensions              | Light source  | Finish              | Cable type             |
|--------------|-------------------------|---|---------------------|------------------------|
| MOS-P        | Ø 185<br>Ø 205<br>Ø 250 | 1x8W TC-DSE E27<br>1x20W TC-TSE E27<br>1x23W TC-TSE E27 | MATT WHT OPAL GLASS | WHT PL W/GREY STOCKING |

**Specification notes**  
Due to the height of the glass, Ø 185 is recommended with 8W TC-DSE, Ø 205 is recommended with 20W TC-TSE, Ø 250 is recommended with 23W TC-TSE.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
Ø 185 and Ø 205 use the same suspension.



Claremont Hall, Claremont McKenna College, Claremont, CA, USA. A: CO Architects. P: Courtesy of CO Architects.



# Nyhavn Pendant

**Weblink:** 1569

**Design:** Alfred Homann & Ole V. Kjær

**Light Concept:** The conical shade ensures comfortable light that is directed downwards in a wide beam. The shade interior has a white matte painted surface, ensuring uniform light distribution. The rings ensure that a stray light is controlled, and direct a small amount of light onto the top side of the shade for self-illumination.

**Finish:** Copper, brushed and coated or white, wet painted.

**Material:** Shades: Spun aluminium or spun copper. Enclosure: Clear glass. Top: Spun aluminium or spun copper.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish     | Shield/Diffuser | Cable type         |
|--------------|--------------|------------|-----------------|--------------------|
| NYH-P        | 1x100W E27   | COP<br>WHT | CLEAR           | BLK TEX<br>WHT TEX |

**Specification notes**  
Copper variant with black textile cable. White variant with white textile cable.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispuelsen.com](http://www.louispuelsen.com) we update a list of recommendable light sources.



# Oslo Pendant

**Weblink:** 1572

**Design:** Kurt Norregaard

**Light Concept:** The fixture provides general indirect illumination and produces a visually comfortable ambiance as a result of light being emitted between the shades. The opening at the base provides a downward illumination.

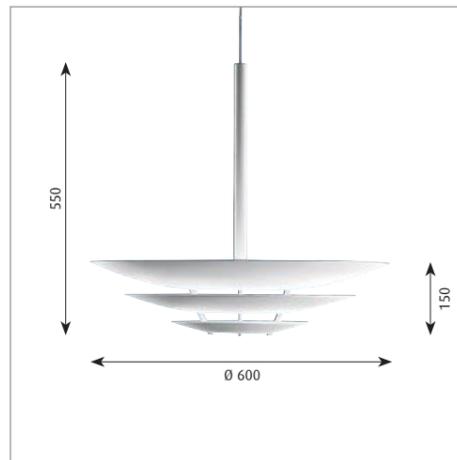
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Canopy: Spun aluminium. Tube: Extruded aluminium. Struts: Light grey, die cast aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> (HF-D 5x0,75mm<sup>2</sup>). Canopy: Yes. Cable length: 4m.

**Weight:** Max. 5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source   | Finish | Class | Lighting control   |
|--------------|--|--------|-------|--|
| OS-P         | 2x57W TC-TEL GX24q-5 HF<br>2x57W TC-TEL GX24q-5 HF-D | WHT    | I     | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V |

**Specification notes**  
2x57W HF only available with no lighting control.



Excilibur Hotel & Spa, Las Vegas, NV, USA. A: Klai Juba Architects. P: Clearlight.

# Pakhus

**Weblink:** 1560

**Design:** Erik Møllers Tegnestue A/S

**Light Concept:** The fixture is an example of minimalistic lighting technology, with a primary focus on point-shaped light sources. The anti-glare ring eliminates direct glare from the focal point of the light source, while permitting optimal light distribution both upward and downward.

**Finish:** White, powder coated.

**Material:** Anti glare ring: Extruded steel.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish | Cable type |
|--------------|--------------|--------|------------|
| PAK-P        | 1x75W E27    | WHT    | WHT TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuelsen.com](http://www.louispuelsen.com) we update a list of recommendable light sources.



# PH 2/1 Pendant

**Weblink:** 1553

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and uniform light distribution.

**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Suspension: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     | Cable type |
|--------------|--------------|--|------------|
| PH21-P       | 1x40W E14    | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuelsen.com](http://www.louispuelsen.com) we update a list of recommendable light sources.



Restaurant Sletten, Sletten, Denmark. I: Søren Vester. P: Clearlight.

# PH 2/1 Stem Fitting

**Weblink:** 1654

**Design:** Poul Henningsen

**Lighting Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of mouth-blown opal three-layer glass, which is shiny on the top and sandblasted matt on the underside, giving a soft and diffuse light distribution.

**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Body: High lustre chrome plated, brass. Socket cover: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3,5m.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     | Cable type |
|--------------|--------------|--|------------|
| PH21-SF-P    | 3x40W E14    | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 3/2 Academy

**Weblink:** 1561

**Design:** Poul Henningsen

**Lighting Concept:** The three lights on the fixture are designed based on the principle of a reflective three-shade system which directs the majority of the light downwards. The shades are made of mouth-blown opal three-layer glass, which is shiny on the top and sandblasted matt on the inside, giving a soft and diffuse light distribution.

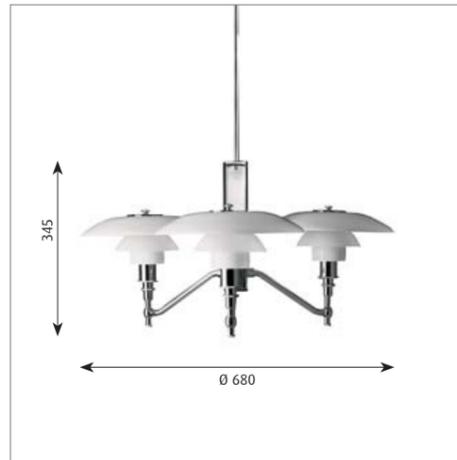
**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Frame: High lustre chrome plated, extruded brass. Suspension: High lustre chrome plated, extruded brass.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 6kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     | Cable type |
|--------------|--------------|--|------------|
| PH32-AC-P    | 3x40W E14    | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



Vinbrasserie Bistreen KBH, Copenhagen, Denmark. P: Clearlight.

# PH 3/2 Pendant

**Weblink:** 1554

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and uniform light distribution.

**Finish:** Black chrome plated or high lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Suspension: Black chrome plated or high lustre chrome plated, brass.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish   | Cable type |
|--------------|--------------|--|------------|
| PH32-P       | 1x75W E27    | BLACK CHROME PLATED / WHT OPAL GLASS<br>HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 4½-4 Glass Pendant

**Weblink:** 1556

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and uniform light distribution.

**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown matt white opal glass. Anti-glare disc: Purple, spun aluminium. Suspension: High lustre chrome plated, extruded aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish                                     | Cable type   |
|--------------|--------------|--|--------------|
| PH4.5G-P     | 1x150W E27   | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK TEX/WIRE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 4/3 Pendant

**Weblink:** 1555

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of metal and painted white to ensure uniform, comfortable light distribution.

**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Anti-glare disc: White, spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish | Cable type |
|--------------|--------------|--------|------------|
| PH43-P       | 1x100W E27   | WHT    | WHT TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 5 & PH 50

**Weblink:** 1557

**Design:** Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. Its design is based on the principle of a reflective three-shade system, which directs majority of the light downwards. The fixture emits both downward and lateral light, thus illuminating itself. A warmer tone of light is created by the inside red cone and a small blue reflector in PH 5 and by a small red reflector in PH 50.

**Finish:** PH 50: Chili red, coconut white, mint blue, olive black or wasabi green, wet lacquered. PH 5: White, wet painted.

**Material:** Shades: Spun aluminium. Anti-glare disc: Blue or red, spun aluminium. Struts: Aluminium coloured or purple, rolled aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source               | Finish  | Cable type |
|--------------|----------------------------|---|------------|
| PH5/PH50-P   | 1x23/30W TC-TSE/1x200W E27 | CHILI RED<br>COCONUT WHITE<br>MINT BLUE<br>OLIVE BLACK<br>WASABI GREEN<br>WHT | WHT TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
PH 5 is wet-painted with matt surface. PH 50 is wet-painted with high-lustre surface.



Restaurant Madsen, London, United Kingdom. P: Philip Vile.

# PH 5-4½ & PH 6½-6

**Weblink:** 1533

**Design:** Ebbe Christensen & Sophus Frandsen, Poul Henningsen

**Light Concept:** The trumpet-shaped top shade on the fixture provides illumination of the area above the three shades, which primarily direct the light downwards. A base reflector and a blue glare ring protect against glare from all angles. The strongest light is directly under the fixture. The shades have a matte white painted finish to ensure very comfortable lighting.

**Finish:** White.

**Material:** Shades: Spun aluminium. Anti-glare disc: Blue, spun aluminium. Struts: Rolled aluminium coloured.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> or cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: PH 5-4½: 3m, PH 6½-6: 4m.

**Weight:** Max. 6kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions   | Light source  | Finish | Cable type              |
|--------------|--------------|---|--------|-------------------------|
| PHC-P        | 5-4½<br>6½-6 | 1x70W HIT G12 HF<br>1x150W HIT G12 HF<br>1x200W E27<br>1x500W E40 | WHT    | WHT TEX<br>WHT TEX/WIRE |

**Specification notes**  
200W E27 only available for PH 5-4½. 500W E40, 70W HIT and 150W HIT only available for PH 6½-6.  
PH 5-4½ fitted with 3m cable. PH 6½-6 fitted with 4m cable and wire.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# PH Artichoke

**Weblink:** 2563

**Design:** Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. The 72 precisely positioned leaves form 12 unique rows of six leaves each. They illuminate the fixture as well as emitting diffused light with a unique pattern. The fixture provides decorative and comfortable lighting.

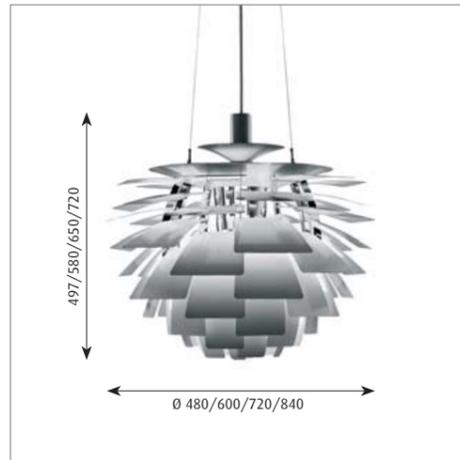
**Finish:** Copper or stainless steel, brushed and coated. White, wet painted.

**Material:** Leaves: Punched copper, laser cut stainless steel or punched steel. Top shade: White, spun steel. Frame: High lustre chrome plated, laser cut steel. Suspension: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 22.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions                       | Light source  | Finish                     | Cable type   |
|--------------|----------------------------------|---|----------------------------|--------------|
| PHA-P        | Ø 480<br>Ø 600<br>Ø 720<br>Ø 840 | 1x70W HIT G12 HF<br>1x150W HIT G12 HF<br>1x200W E27<br>1x500W E40<br>1x230W HALOLUX E27 | COP<br>STAINL STEEL<br>WHT | WHT TEX/WIRE |

**Specification notes**  
150W HIT is only available in Ø 720 or Ø 840. 500W E40 and 70W HIT is only available in Ø 600.  
Ø 720 or Ø 840. 200W E27 is only available in Ø 480.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# PH Artichoke Glass

**Weblink:** 2445

**Design:** Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. The 72 precisely positioned leaves form 12 unique rows of six leaves each. They illuminate the fixture, as well as emit diffused light with a unique pattern. Reflection from the light source is diffused in the sandblasted lower surfaces, and this light is reflected decoratively in the top surfaces, giving the fixture a unique glow. The surface treatment on the glass leaves eliminates direct glare.

**Finish:** Clear glass, sandblasted.

**Material:** Leaves: Clear glass, sandblasted. Top shade: High lustre chrome plated or white, spun brass. Frame: High lustre chrome plated, laser cut brass. Suspension: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 22kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions                       | Light source  | Finish              | Cable type   |
|--------------|----------------------------------|---|---------------------|--------------|
| PHA-P-G      | Ø 480<br>Ø 600<br>Ø 720<br>Ø 840 | 1x35W HIT Clear G8.5 HF<br>1x70W HIT G12 HF<br>1x500W E40<br>1x230W HALOLUX E27 | CLEAR GLASS SANDBL. | WHT TEX/WIRE |

**Specification notes**  
150W HIT is only available in Ø 720 or Ø 840. 500W E40 and 70W HIT is only available in Ø 600. Ø 720 or Ø 840. 200W E27 is only available in Ø 480.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# PH Artichoke Gold / limited edition

**Weblink:** 2677

**Design:** Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. The 72 precisely positioned leaves form 12 unique rows of six leaves each. They illuminate the fixture, as well as emit diffused light with a unique pattern. A warm and glowing light brings beauty and warmth to the surroundings. The contours of light and shadow on the leaves become graphical, enhancing the appearance in the room. The PH Artichoke Gold is a limited edition and will only be produced according to order by contacting Louis Poulsen. Only available in the size Ø 840 mm.

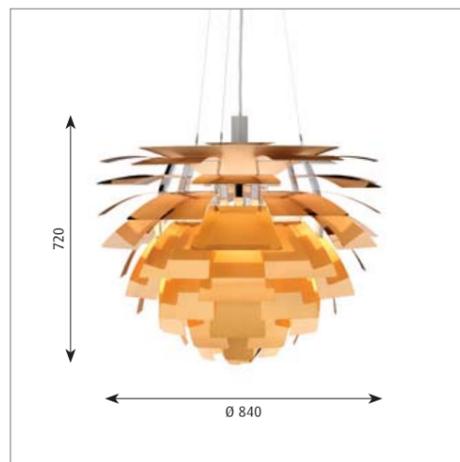
**Finish:** 24 gold plated copper.

**Material:** Leaves: 24 carat gold plated copper. Frame: High lustre chrome plated steel. Suspension: High lustre chrome plated aluminium

**Mounting:** Suspension type: 3x stainless steel aircraft cables. Suspension length: 12'. Canopy: White. Cord type: 3-conductor, 18 AWG PVC power cord. Cord color: White.

**Weight:** Max. 22kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions | Light source                            | Finish             | Cable type   |
|--------------|------------|---|--------------------|--------------|
| PHA-P-G      | Ø 840      | 1x150W HIT G12 HF<br>1x230W HALOLUX E27 | GOLD PLATED COPPER | WHT TEX/WIRE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
The fixture is provided with a unique identity number.



Palazzo Madama, Turin, Italy.



Penthouse, New York City, NY, USA. A: Shelton, Mindel & Associates.  
P: Michael Moran Photography, Inc.



Metropolis, Moskva, Russia. A: RTKL-UK, Ltd, architect of record Oncoglu, ABD Limited, Lovejoy. LD: Bliss Fasmann Inc. New York. P: Karo@ADphoto.

# PH Louvre

**Weblink:** 1558

**Design:** Poul Henningsen

**Light Concept:** The fixture provides 100% glare-free light. The geometrical, spherical design is based on the principle of illuminating all surfaces at the same angle. This ensures uniform light around the fixture, illuminating both walls and ceiling. Matte painted undersurfaces and glossy top surfaces result in an attractive reflection of the diffused light, creating uniform light distribution around the fixture.

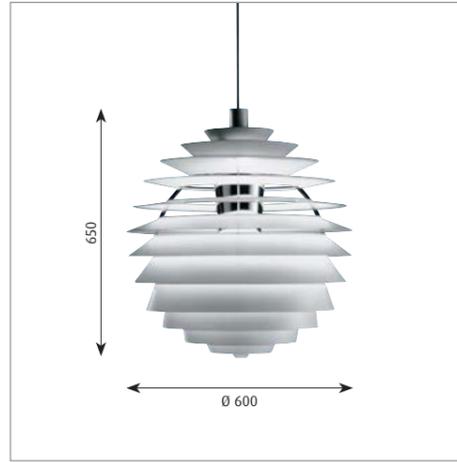
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Frame: High lustre chrome plated, extruded brass. Housing: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup> & wire. Canopy: Yes. Cable length: 4m.

**Weight:** Max. 7kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source                   | Finish | Cable type   |
|--------------|--------------------------------|--------|--------------|
| PHL-P        | 1x70W HIT G12 HF<br>1x500W E40 | WHT    | WHT TEX/WIRE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH Snowball

**Weblink:** 1559

**Design:** Poul Henningsen

**Light Concept:** The fixture emits comfortable glare-free diffuse light. Matte painted undersurfaces and glossy top surfaces result in an attractive reflection of the diffused light, creating uniform light distribution around the fixture. When the light is switched on, the top portion is illuminated while the bottom part remains dark.

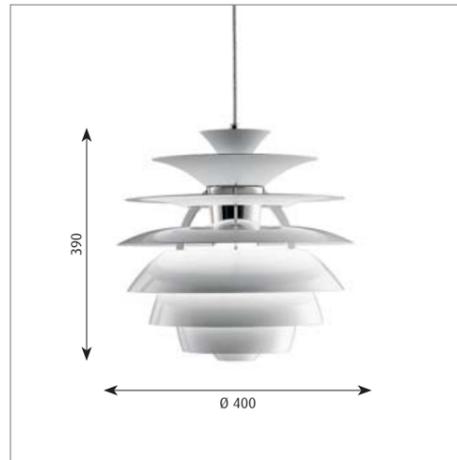
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Frame: High lustre chrome plated, die cast aluminium. Housing: High lustre chrome plated, spun aluminium.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source | Finish | Cable type |
|--------------|--------------|--------|------------|
| PHS-P        | 1x300W E27   | WHT    | WHT TEX    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



Restaurant Müzedehanga, İstanbul, Turkey. I: Autobahn. P: Ali Bekman.

# Plate

**Weblink:** 1595

**Design:** Vesa Honkonen & Julle Oksanen

**Light Concept:** The fixture emits soft, diffuse and indirect light. The glass plate functions as a reflector due to its laminated construction. The two-layer sandblasted glass with a laminated core permits approximately 10% of the light to pass upwards, while the other 90% is directed downwards.

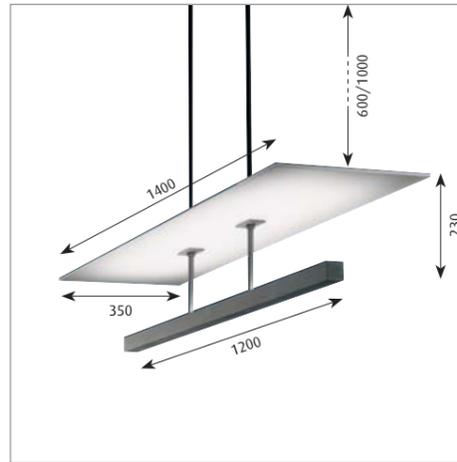
**Finish:** Dark grey metallic, powder coated. Laminated glass.

**Material:** Canopy: Form pressed steel. Glass: Sandblasted and teflon-coated laminated glass. Housing: Extruded aluminium. Pendant tubes: Extruded steel.

**Mounting:** Suspension type: Pendant tube. Canopy: Yes. Termination: In canopy. Looping: Not approved.

**Weight:** Max. 15kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source     | Finish       | Suspension                             | Lighting control |
|--------------|------------------|--------------|--|------------------|
| PLATE-P      | 1x54W T5 G5 HF-D | DARKGREY MET | PENDANT TUBE 0.6m<br>PENDANT TUBE 1.0m | DIM 1-10V        |

Info notes  
Plate is only available with dim 1-10V.



# Reduced

**Weblink:** 1633

**Design:** Rainer Bender

**Light Concept:** The fixture emits primarily indirect light. The fluorescent tubes are placed in the middle of the fixture above the anti-glare louver.

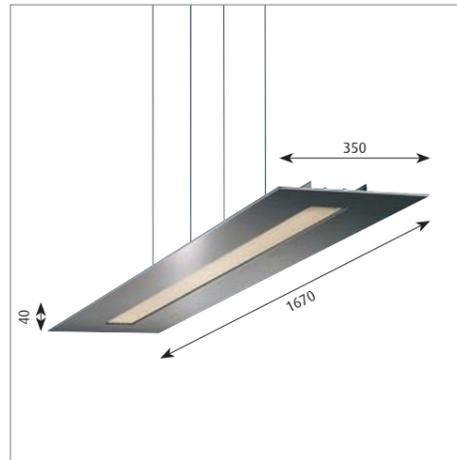
**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Canopy: Steel. Diffuser: Acrylic or perforated stainless steel. Housing: Laser cut aluminium.

**Mounting:** Suspension type: Wire. Cable length: 2.5m, 3x0.75mm<sup>2</sup>. Terminal block: 1x3x2.5mm<sup>2</sup>.

**Weight:** Max. 11kg.

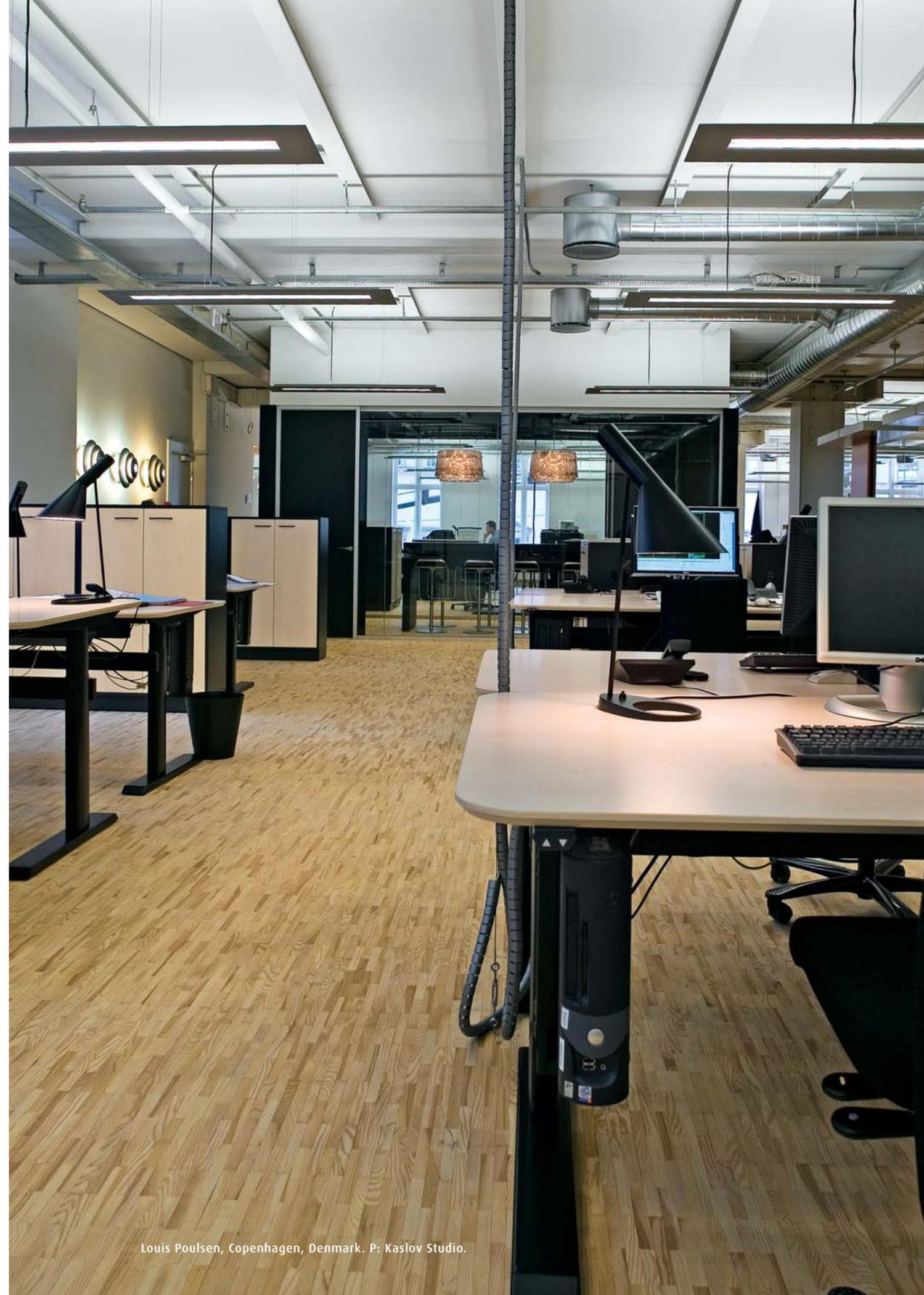
**Class:** Electric shock protection I w. ground.



| Product code | Light source   | Finish       | Shield/Diffuser       | Lighting control                      |
|--------------|--|--------------|-----------------------|---------------------------------------|
| RED-P        | 2x49W T5 G5 HF-D<br>2x80W T5 G5 HF<br>2x80W T5 G5 HF-D | ALU COL TEXT | DARKLIGHT/BAP<br>PERF | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM |

Specification notes  
HF only available with no lighting control. HF-D only available with DALI/DSI/SWITCH-DIM/SMART-DIM.

Info notes  
Suspended by 4 steel wires, 2M, directly to the ceiling with or without canopy. Integral emergency possible. For further emergency versions, please contact your sales office.



Louis Poulsen, Copenhagen, Denmark. P: Kaslov Studio.

# Tolddbod 120 Pendant

**Weblink:** 2529

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits glare-free light directed downwards. The reflector provides channelled and efficient light distribution.

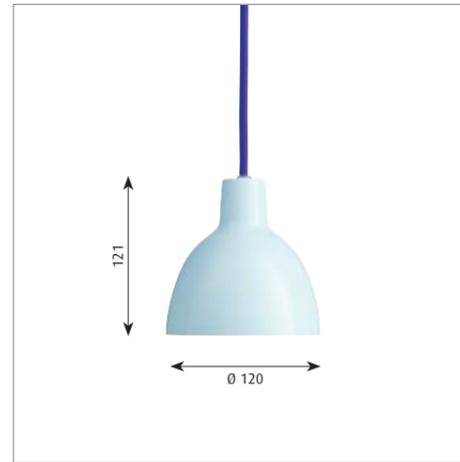
**Finish:** Black berries (black), cloudy white (white), misty blue (pale blue) or yellow blossom (yellow). Grey Thunder (graphite) with textured surface, powder coated.

**Material:** Shade: Spun aluminium. Reflector: Spun anodised aluminium.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: No. Cable length: 2.6m. Ballast: No.

**Weight:** Max. 0.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish  | Cable type   |
|--------------|--------------|---|--|
| TOL-120-P    | 1x40W QT G9  | BLACK BERRIES<br>CLOUDY WHITE<br>GREY THUNDER<br>MISTY BLUE<br>YELLOW BLOSSOM | SILICONE W/GREEN BRAID<br>SILICONE W/PURPLE BRAID<br>SILICONE W/TURQUOISE BRAID<br>SILICONE W/WHT BRAID<br>SILICONE W/YELLOW BRAID |

**Specification notes**  
Black Berries is available with white cord or green cord. Cloudy White is available with white cord or turquoise cord. Misty Blue is available with white cord or purple cord. Grey Thunder is available with white cord or yellow cord. Yellow Blossom is only available with white cord.

**Info notes**  
Does not require transformer. Supplied with 33W Energy Saving Halopin QT G9 230V light source.



# Tolddbod 155/220 Glass Pendant

**Weblink:** 1636

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The fixture emits glare-free light directed primarily downwards. The opal glass provides a comfortable and uniform illumination of the area around the fixture.

**Finish:** White opal glass.

**Material:** Suspension: Brushed stainless steel. Shade: Mouth-blown white opal glass.

**Mounting:** Suspension type: Cable 2x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 1kg.

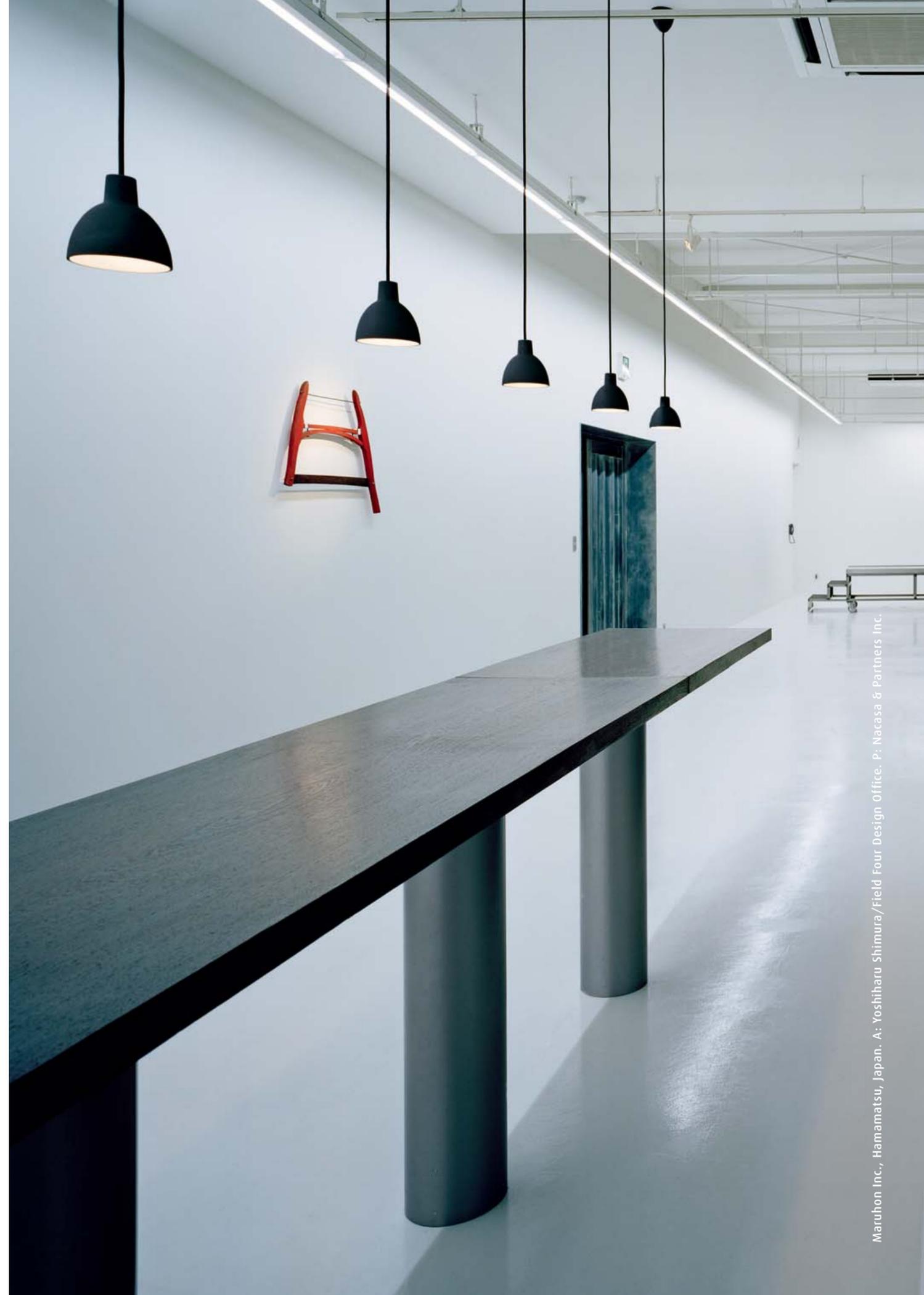
**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Dimensions     | Light source               | Finish         | Cable type |
|--------------|----------------|----------------------------|----------------|------------|
| TOLDG-P      | Ø 155<br>Ø 220 | 1x40W QT G9<br>1x60W QT G9 | WHT OPAL GLASS | WHT TEX    |

**Specification notes**  
60W QT only available for Ø220.

**Info notes**  
Does not require transformer. Find energysaving alternative light sources on [www.louispoulsen.com](http://www.louispoulsen.com).



# Wohlert/satellite

**Weblink:** 1534

**Design:** Wilhelm Wohlert

**Light Concept:** The fixture provides uniform, general and diffuse illumination. The opening at the bottom of the glass produces downwards directed light. The quality of the glass ensures that the fixture is evenly lit.

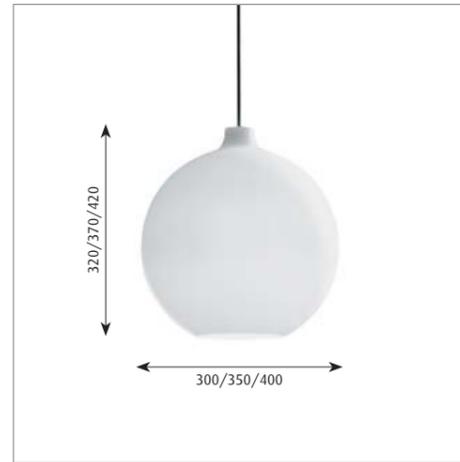
**Finish:** Matt white opal glass.

**Material:** Shade: Mouth-blown matt white opal glass. Pendant tube: Brushed steel.

**Mounting:** Suspension type: Cable 3x0,75mm<sup>2</sup>. Canopy: Yes. Cable length: 3m.

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Dimensions              | Light source  | Finish         | Cable type        |
|--------------|-------------------------|---|----------------|-------------------|
| WO-P         | Ø 300<br>Ø 350<br>Ø 400 | 1x26/32W TC-TEL GX24q-3 HF<br>1x26W/32W/42W TC-TEL HF<br>1x26W/32W/42W TC-TEL HF-D<br>1x200W E27<br>1x26/32W TC-TEL G24q-3 HF-D | WHT OPAL GLASS | WHT PL<br>WHT TEX |

**Specification notes**  
26/32W TC-TEL only available with Ø 300. 26/32/42W TC-TEL only available with Ø 350 and Ø400.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.





# table & floor

- 190 • AJ Floor
- 190 • AJ Table
- 192 • OJ Floor
- 192 • OJ Table
- 194 • Panthella Floor
- 194 • Panthella Table
- 196 • PH 3½-2½ Floor
- 196 • PH 3/2 Table
- 198 • PH 4½-3½ Glass Floor
- 198 • PH 4½-3½ Glass Table
- 200 • PH 4/3 Table
- 200 • PH 80
- 202 • Snow

# table & floor

|  |   |   |   |   |
|--|---|---|---|---|
|  <p>AJ Floor<br/>• 190</p>          |  <p>AJ Table<br/>• 190</p>               |  <p>OJ Floor<br/>• 192</p>       |  <p>OJ Table<br/>• 192</p>                     |  <p>Panthella Floor<br/>• 194</p>              |
|  <p>Panthella Table<br/>• 194</p> |  <p>PH 3 1/2-2 1/2<br/>Floor • 196</p> |  <p>PH 3/2 Table<br/>• 196</p> |  <p>PH 4 1/2-3 1/2 Glass<br/>Floor • 198</p> |  <p>PH 4 1/2-3 1/2 Glass<br/>Table • 198</p> |
|  <p><b>louis<br/>poulsen</b></p>  |   |  <p>PH 4/3 Table<br/>• 200</p> |  <p>PH 80<br/>• 200</p>                      |  <p>Snow<br/>• 202</p>                       |

# AJ Floor

**Weblink:** 1406

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits downward directed light. The angle of the shade can be adjusted to optimize light distribution. The shade is painted white on the inside to ensure a soft comfortable light.

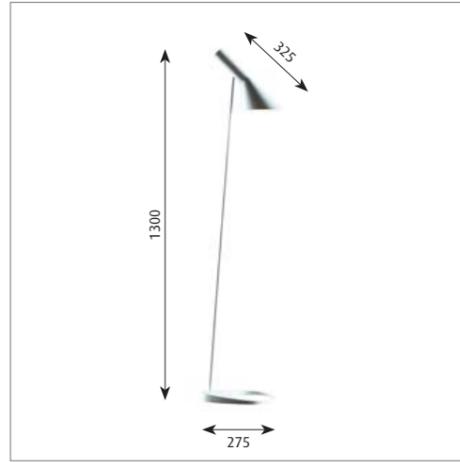
**Finish:** Blue/green, petroleum, red, sand, yellow/green, black, graphite grey or white, wet painted.

**Material:** Shade: Spun steel. Base: Die cast zinc. Stem: Steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.6m. Light control: On/off switch on cord.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish   | Cable type       |
|--------------|--------------|--|------------------|
| AJ-F         | 1x60W E27    | BLK<br>BLUE/GREEN<br>GRAPH GREY<br>PETROLEUM<br>RED<br>SAND<br>WHT<br>YELLOW/GREEN | BLK PL<br>WHT PL |

**Specification notes**  
The white version is supplied with a white cable. The other versions are supplied with a black cable.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispuulsen.com](http://www.louispuulsen.com) we update a list of recommendable light sources.



# AJ Table

**Weblink:** 1427

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits downward directed light. The angle of the shade can be adjusted to optimize light distribution. The shade is painted white on the inside to ensure a soft comfortable light.

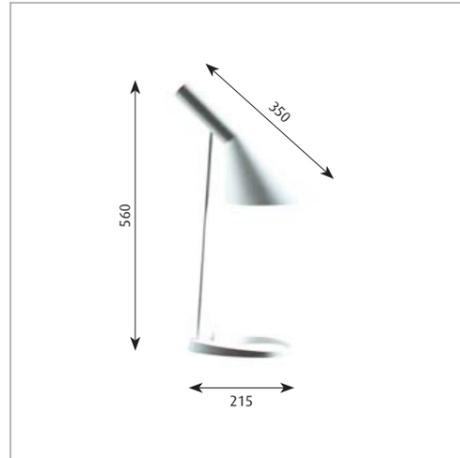
**Finish:** Blue/green, petroleum, red, sand, yellow/green, black, graphite grey or white, wet painted.

**Material:** Shade: Spun steel. Base: Die cast zinc. Stem: Steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.4m. Light control: Switch in lamp stand.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish   | Cable type       |
|--------------|--------------|--|------------------|
| AJ-T         | 1x60W E27    | BLK<br>BLUE/GREEN<br>GRAPH GREY<br>PETROLEUM<br>RED<br>SAND<br>WHT<br>YELLOW/GREEN | BLK PL<br>WHT PL |

**Specification notes**  
The white version is supplied with a white cable. The other versions are supplied with a black cable.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispuulsen.com](http://www.louispuulsen.com) we update a list of recommendable light sources.



# OJ Floor

Weblink: 2639

Design: Ole Jensen

**Light Concept:** The fixture emits soft, comfortable, and glare-free light. The shade design seeks to create soft, decorative illumination of the top and bottom of the shade, giving the impression that the light is being squeezed out of the openings. The thickness and surface of the shades "retain" the light, thereby creating the perception that the shade is illuminated from within. A detail that is achieved in part due to the textured of the surface. The angle of the shade concentrates the light, providing channeled reading light.

**Finish:** White with a structured surface, powder coated.

**Material:** Shade: Pressed steel. Base: Pressed steel. Stem: Steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.5m. Light control: On stem.

**Weight:** Max. 5.5kg.

**Class:** Ingress protection IP20. Electric shock protection II.



| Product code | Light source         | Finish       |
|--------------|----------------------|--------------|
| OJ-F         | 1x42W QT CLASSIC E14 | WHT COL TEXT |

**Specification notes**  
The white version is supplied with a white cable. The other versions are supplied with a black cable. The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Comes with an energy-saving light source.



# OJ Table

Weblink: 2626

Design: Ole Jensen

**Light Concept:** The fixture emits soft, comfortable and glare-free light. The shade design seeks to create soft, decorative illumination of the top and bottom of the shade, giving the impression that the light is being squeezed out of the openings. The thickness and surface of the shades "retain" the light, thereby creating the perception that the shade is illuminated from within. A detail that is achieved in part due to the structure of the surface. The angle of the shade results in uniform circular illumination, providing good working light and good distribution across the table surface.

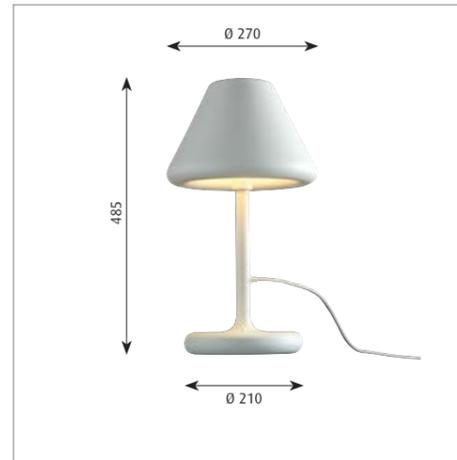
**Finish:** White with a structured surface, powder coated.

**Material:** Shade: Pressed steel. Base: Pressed steel. Stem: Steel. Socket cover: Die cast aluminium.

**Mounting:** Cable type: Textile cable with plug. Cable length: 2.5m. Light control: Switch in lamp stand.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection II.



| Product code | Light source         | Finish       |
|--------------|----------------------|--------------|
| OJ-T         | 1x42W QT CLASSIC E14 | WHT COL TEXT |

**Specification notes**  
The white version is supplied with a white cable. The other versions are supplied with a black cable. The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Comes with an energy-saving light source.



# Panthella Floor

**Weblink:** 1585

**Design:** Verner Panton

**Light Concept:** The fixture emits a soft and comfortable illumination. The hemispherical shade reflects the light downwards, and the material used ensures that the majority of the light is spread diffusely in the room from the surface of the shade.

**Finish:** White opal acrylic.

**Material:** Shade: Injection moulded white opal acrylic. Base: White, injection moulded ABS. Housing: White, injection moulded ABS. Stem: White, steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.7m. Light control: On/off switch on cord.

**Weight:** Max. 5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish         |
|--------------|--------------|----------------|
| PAN-F        | 1x150W E27   | WHT OPAL ACRYL |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# Panthella Table

**Weblink:** 1593

**Design:** Verner Panton

**Light Concept:** The fixture emits a soft and comfortable illumination. The hemispherical shade reflects the light downwards, and the material used ensures that the majority of the light is spread diffusely in the room from the surface of the shade.

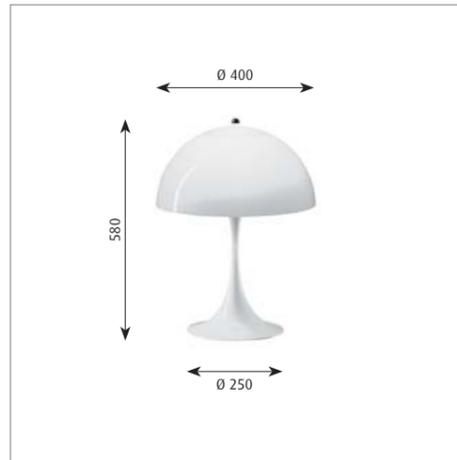
**Finish:** White opal acrylic.

**Material:** Shade: Injection moulded white opal acrylic. Base: White, injection moulded ABS. Housing: White, injection moulded ABS.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.1m. Light control: In-line switch on cord.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish         |
|--------------|--------------|----------------|
| PAN-T        | 1x75W E27    | WHT OPAL ACRYL |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



Shop, Copenhagen, Denmark. P: Clearlight.

# PH 3½-2½ Floor

**Weblink:** 1640

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and diffuse light distribution.

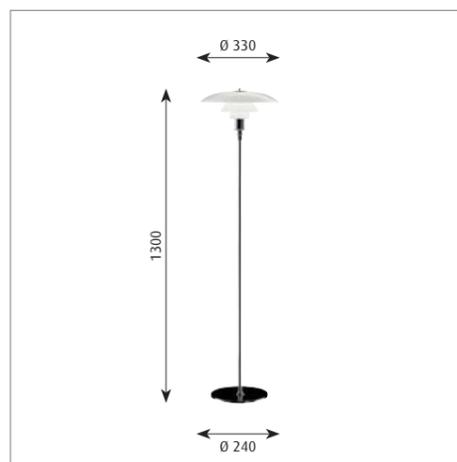
**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Top plate: High lustre chrome plated, spun brass. Base: High lustre chrome plated, spun brass. Stem: High lustre chrome plated, steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.5m. Light control: On/off switch on cord.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                    |
|--------------|--------------|---|
| PH32-F       | 1x100W E27   | HIGH LUSTRE CROME PLATED / WHT OPAL GLASS |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 3/2 Table

**Weblink:** 1575

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and diffuse light distribution.

**Finish:** Black chrome plated or high lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Top plate: Black chrome plated or high lustre chrome plated, spun brass. Base: Black chrome plated or high lustre chrome plated, brass. Stem: Black chrome plated or high lustre chrome plated, brass.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.1m. Light control: In-line switch on cord.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish   |
|--------------|--------------|--|
| PH32-T       | 1x40W E14    | BLACK CHROME PLATED / WHT OPAL GLASS<br>HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 4½-3½ Glass Floor

**Weblink:** 1589

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and diffuse light distribution.

**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Anti glare ring: Purple, spun aluminium. Top plate: High lustre chrome plated, spun brass. Base: High lustre chrome plated, spun brass. Stem: High lustre chrome plated, steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 3.3m. Light control: On/off switch on cord.

**Weight:** Max. 15kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     |
|--------------|--------------|--|
| PH4.5-F      | 1x150W E27   | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 4½-3½ Glass Table

**Weblink:** 1594

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and diffuse light distribution.

**Finish:** High lustre chrome plated. White opal glass.

**Material:** Shades: Mouth-blown white opal glass. Anti glare ring: Purple, spun aluminium. Top plate: High lustre chrome plated, spun brass. Base: High lustre chrome plated, spun brass. Stem: High lustre chrome plated, steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.7m. Light control: Switch in lamp stand.

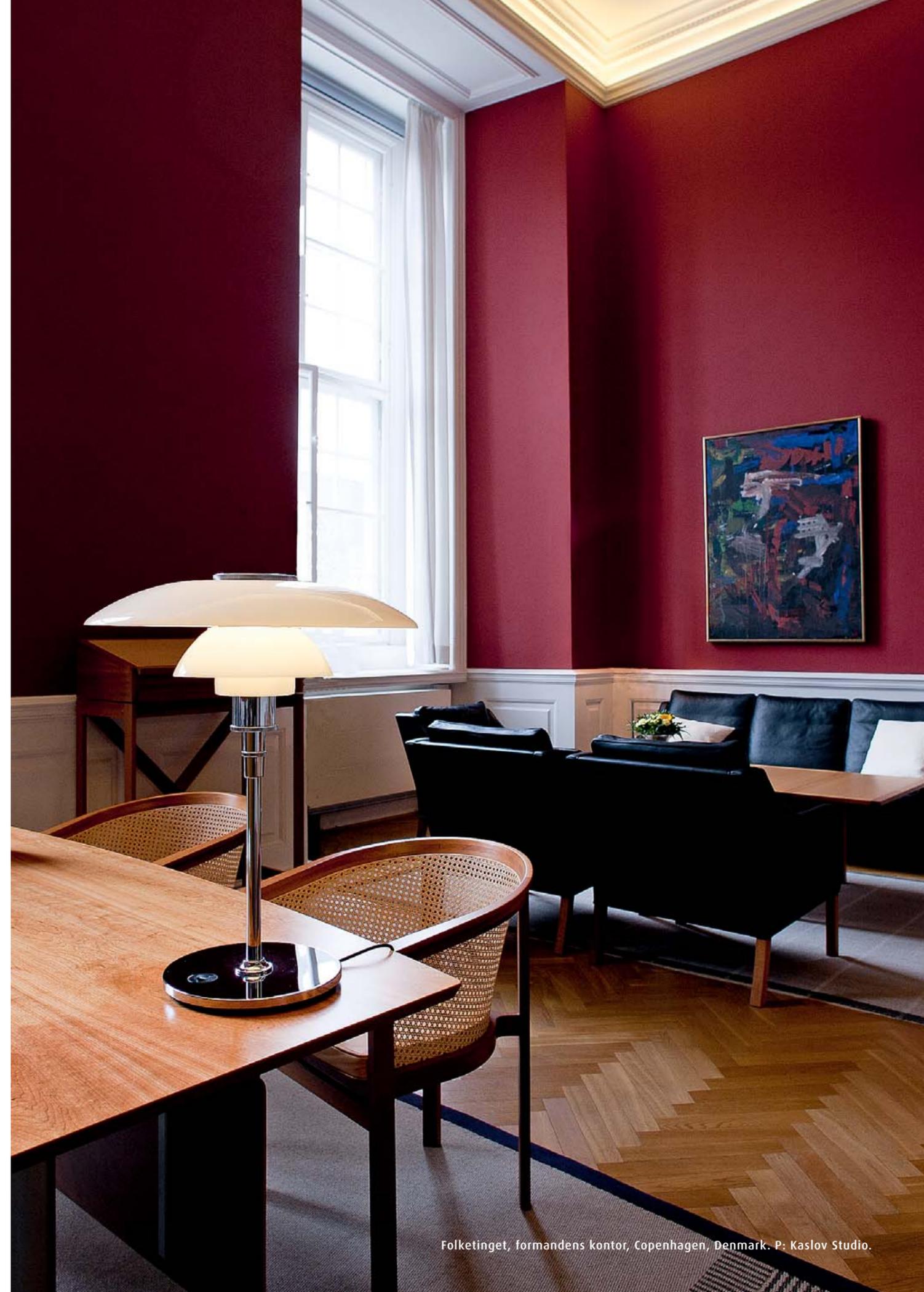
**Weight:** Max. 9kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     |
|--------------|--------------|--|
| PH4.5-T      | 1x150W E27   | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



Folketinget, formandens kontor, Copenhagen, Denmark. P: Kaslov Studio.

# PH 4/3 Table

**Weblink:** 1588

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of metal and painted white to ensure diffuse, comfortable light distribution.

**Finish:** White or white, wet painted. High lustre chrome plated.

**Material:** Shades: Spun aluminium. Base: High lustre chrome plated, spun brass. Stem: High lustre chrome plated, steel. Triangular piece: Black sandblasted, injection moulded bakelite.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.9m. Light control: Switch in lamp stand.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish |
|--------------|--------------|--------|
| PH43-T       | 1x100W E27   | WHT    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# PH 80

**Weblink:** 1590

**Design:** Poul Henningsen

**Lighting Concept:** The fixture emits diffuse and symmetrical light. The majority of the light is directed downwards, and the opal acrylic shades provide comfortable room lighting. The red hue of the top reflector helps giving the light a warmer glow.

**Finish:** White opal acrylic. High lustre chrome plated.

**Material:** Shades: High pressure moulded white opal acrylic. Top shade: Black, high pressure moulded polycarbonate. Base: Black, high pressure moulded ABS. Stem: High lustre chrome plated, steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.6m. Light control: On/off switch on cord.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish         |
|--------------|--------------|----------------|
| PH80-F       | 1x100W E27   | WHT OPAL ACRYL |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.



# Snow

Weblink: 2471

Design: Louise Campbell

**Light Concept:** The fixture emits a general light and direct reading light. Both the reading and general lighting help to create a unique soft illumination of the space. The shade consists of varying concentrations of white screen-printed snowflakes, which are concentrated or blended together in accordance with the position and luminance of the light source in order to avoid uncomfortable glare.

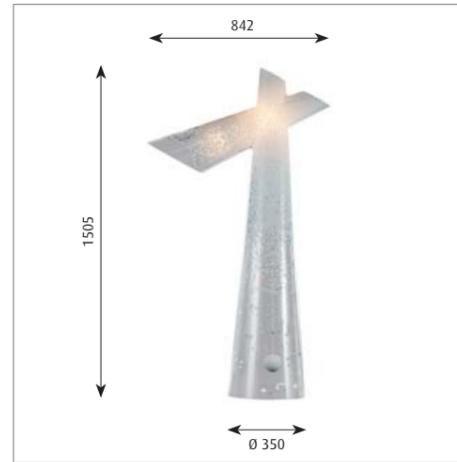
**Finish:** Clear acrylic w/silk screen print.

**Material:** Shades: Vacuum formed acrylic.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 3,5m. Light control: On/off switch on cord.

**Weight:** Max. 7.5kg.

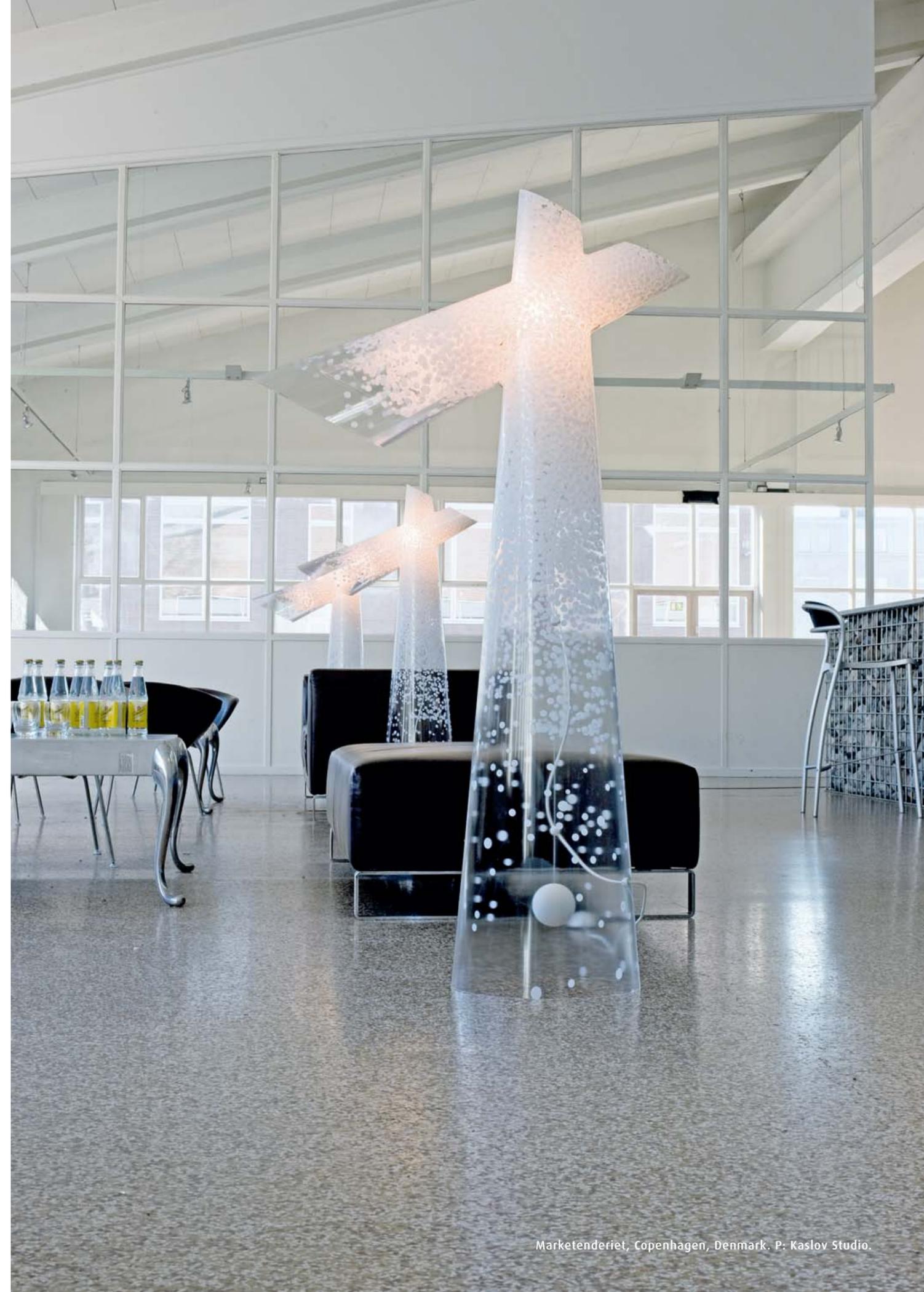
**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source  | Finish             |
|--------------|---|--------------------|
| SNOW-F       | 1x40W R50 E14 + 1x60W E27<br>20W MR16 GX10+20W HIT-CRI G8.5 | CLEAR PRINT. ACRYL |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
1x40W R50 E14 + 1x60W E27 is supplied with light sources.





# 4

## wall

- 208 • AJ 50 Wall LED
- 208 • AJ Discus/AJ Eklipta
- 208 • AJ Eklipta/AJ Discus
- 212 • AJ Wall
- 212 • Albertslund Wall/Orbiter Wall
- 214 • Dock Wall/Ceiling
- 214 • F+P Wall LED
- 215 • Homann M2 Wall
- 215 • Io Wall/Ceiling
- 216 • Kipp Wall
- 216 • Kipp Wall LED
- 218 • LP Icon Mini Basic Wall
- 218 • LP Icon Mini Opal Wall
- 220 • Nyhavn Wall
- 220 • OJ Wall
- 212 • Orbiter Wall/Albertslund Wall
- 222 • Oslo Uplight
- 222 • PH 2/1 Wall
- 224 • PH 3-2½ Wall
- 224 • PH 3/2 Wall
- 226 • PH Hat
- 226 • PH Wall
- 228 • Planet Wall
- 228 • Saturn
- 230 • Skot Wall/Ceiling
- 230 • Skot Maxi Wall/Ceiling
- 232 • Toldbod 155 Wall
- 232 • Toldbod 220/290 Wall

# wall

|  |   |  |  |   |
|--|---|--|--|---|
|  <p>AJ 50 Wall LED<br/>• 208</p>            |  <p>AJ Eklipta/<br/>AJ Discus • 208</p>    |  <p>AJ Wall<br/>• 212</p>           |  <p>Albertslund Wall/<br/>Orbiter Wall • 212</p> |  <p>Dock Wall/<br/>Ceiling • 214</p> |
|  <p>F+P Wall LED<br/>• 214</p>            |  <p>Homann M2 Wall<br/>• 215</p>         |  <p>Io Wall/Ceiling<br/>• 215</p> |  <p>Kipp Wall<br/>• 216</p>                    |  <p>Kipp Wall LED<br/>• 216</p>    |
|  <p>LP Icon Mini Basic<br/>Wall • 218</p> |  <p>LP Icon Mini Opal<br/>Wall • 218</p> |  <p>Nyhavn Wall<br/>• 220</p>     |  <p>OJ Wall<br/>• 220</p>                      |  <p>Oslo Uplight<br/>• 222</p>     |

|   |   |   |  |   |
|---|---|---|--|---|
|  <p>PH 2/1 Wall<br/>• 222</p>            |  <p>PH 3-2½ Wall<br/>• 224</p> |  <p>PH 3/2 Wall<br/>• 224</p>          |  <p>PH Hat<br/>• 226</p>                    |  <p>PH Wall<br/>• 226</p>            |
|  <p>Planet Wall<br/>• 228</p>          |  <p>Saturn<br/>• 228</p>     |  <p>Skot Wall/<br/>Ceiling • 230</p> |  <p>Skot Maxi Wall/<br/>Ceiling • 230</p> |  <p>Toldbod 155 Wall<br/>• 232</p> |
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# AJ 50 Wall LED

**Weblink:** 2587

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits downward directed light. The shade is painted white on the inside to ensure a soft comfortable light distribution.

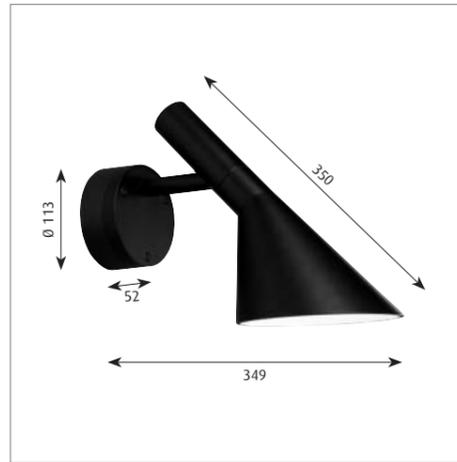
**Finish:** White, black or aluminium coloured with textured surface, powder coated.

**Material:** Shade: Die cast aluminium. Wall box: Die cast aluminium. Arm: Die cast aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 3x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP65. Electric shock protection I w. ground.



| Product code | Light source | Finish                               |
|--------------|--------------|--------------------------------------|
| AJ-50-W      | 8W LED 3000K | ALU COL TEXT<br>BLK TEXT<br>WHT TEXT |

**Specification notes**  
1. AJ 50 Wall has a LED light source that can be connected directly to the main power supply.  
2. All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



# AJ Eklipta / AJ Discus

**Weblink:** 1538

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits soft comfortable light. The glass is designed to provide a uniformly lit surface. The three-layer hand-blown opal glass shade has a transparent edge, providing a decorative halo of light around the fixture.

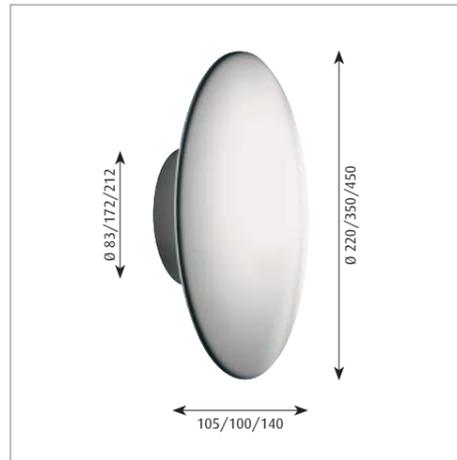
**Finish:** White, powder coated. White opal glass.

**Material:** Ceiling/Wall box: Die cast aluminium or spun aluminium. Diffuser: Mouth-blown white opal glass.

**Mounting:** Terminal block: Ø 220/Ø 350: 3x2,5mm<sup>2</sup>, Ø 450: 5x2,5mm<sup>2</sup>. Looping: Approved, Ø 220/Ø 350mm: Max. 3x1,5mm<sup>2</sup>, Ø 450: Max. 5x1,5mm<sup>2</sup>. Ballast positioning: In ceiling/wall box.

**Weight:** Max. 4kg.

**Class:** Ingress protection, Ceiling: IP20, Wall: IP44 (Ø 220; Ceiling: IP20, Wall: IP21). Electric shock protection I w. ground.



| Product code | Dimensions              | Light source  | Finish | Shield/Diffuser | Body   | Mounting                          | Lighting control        |
|--------------|-------------------------|---|--------|-----------------|--|-----------------------------------|-------------------------|
| AJE-WC       | Ø 220<br>Ø 350<br>Ø 450 | 1x40W QT G9<br>1x60W E27<br>1x100W E27<br>1x18W TC-TEL GX24q-2 HF<br>2x18W TC-TEL GX24q-2 HF<br>2x26W TC-TEL GX24q-3 HF | WHT    | WHT OPAL        | BOX W/SIDE CABLE HOLES<br>BOX W/O SIDE CABLE HOLES | CEILING<br>WALL<br>WALL & CEILING | NONE<br>EMERG LIGHT 3 H |

**Specification notes**  
40W QT G9 only available for Ø 220. 60W E27 and 1x18W TC-TEL only available for Ø 350. 100W E27, 2x18W TC-TEL and 2x26W TC-TEL only available for Ø 450. Emergency light only available with 18W TC-TEL Ø220 only available with wall & ceiling.

**Info notes**  
Only wall mounted versions for outdoor use. Ø 220 is for indoor use only. Emergency versions not suitable for amalgam light sources. Ceiling mounted variants are delivered without side cable holes. Wall mounted variants is delivered with side cable holes. The variant for wall & ceiling is only available with IP20. Emergency light only available with IP20. Find energysaving alternative light sources on [www.louispoulsen.com](http://www.louispoulsen.com).



Private home, Denmark. P: Jesper Ray.



Finansministeriet, Copenhagen, Denmark. P: Kaslov Studio.



Ristorante Sale E Tabacchi, Berlin, Germany. A: Max Dudler. P: Anders Sune Berg.

# AJ Wall

**Weblink:** 1591

**Design:** Arne Jacobsen

**Light Concept:** The fixture emits downward directed light. The angle of the shade and rotation can be adjusted to optimize light distribution. The shade is painted white on the inside to ensure a soft comfortable light.

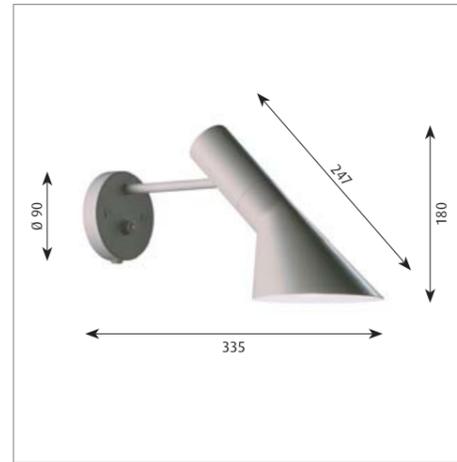
**Finish:** Blue/green, petroleum, red, sand, yellow/green, black, graphite grey or white, wet painted.

**Material:** Shade: Spun steel. Wall box: Spun steel. Arm: Steel.

**Mounting:** Cable type: Plastic cord with plug. Cable length: 2.4m. Light control: Switch in wallbox.

**Weight:** Max. 1kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source  | Finish   | Shade    | Cable type       |
|--------------|---------------|--|----------|------------------|
| AJ-W         | 1x40W D45 E14 | BLK<br>BLUE/GREEN<br>GRAPH GREY<br>PETROLEUM<br>RED<br>SAND<br>WHT<br>YELLOW/GREEN | TILTABLE | BLK PL<br>WHT PL |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# Albertslund Wall/orbiter Wall

**Weblink:** 1608

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture provides characteristic symmetrical and functional lighting. The horizontal ring reflects the light downwards, but its position also allows some light to slip past and illuminate the fixture itself. The anti-glare ring prevents from horizontal glare, and the diffuser is available either as clear or white opal glass, depending on the desired light source.

**Finish:** Galvanized, grey or white, powder coated.

**Material:** Enclosure: Clear glass or partly frosted glass. Saturn ring: Punched aluminium or galvanized, punched steel. Anti glare ring: Spun aluminium or galvanized, extruded steel. Housing: Die cast aluminium. Wall box: Die cast aluminium. Arm: Extruded aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x rear entries for cable Ø 10-14.5mm and 2x bottom knockouts Ø 15mm. Looping: Approved, max. 3x1,5mm<sup>2</sup>. Ballast positioning: In wall box.

**Weight:** Max. 3.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



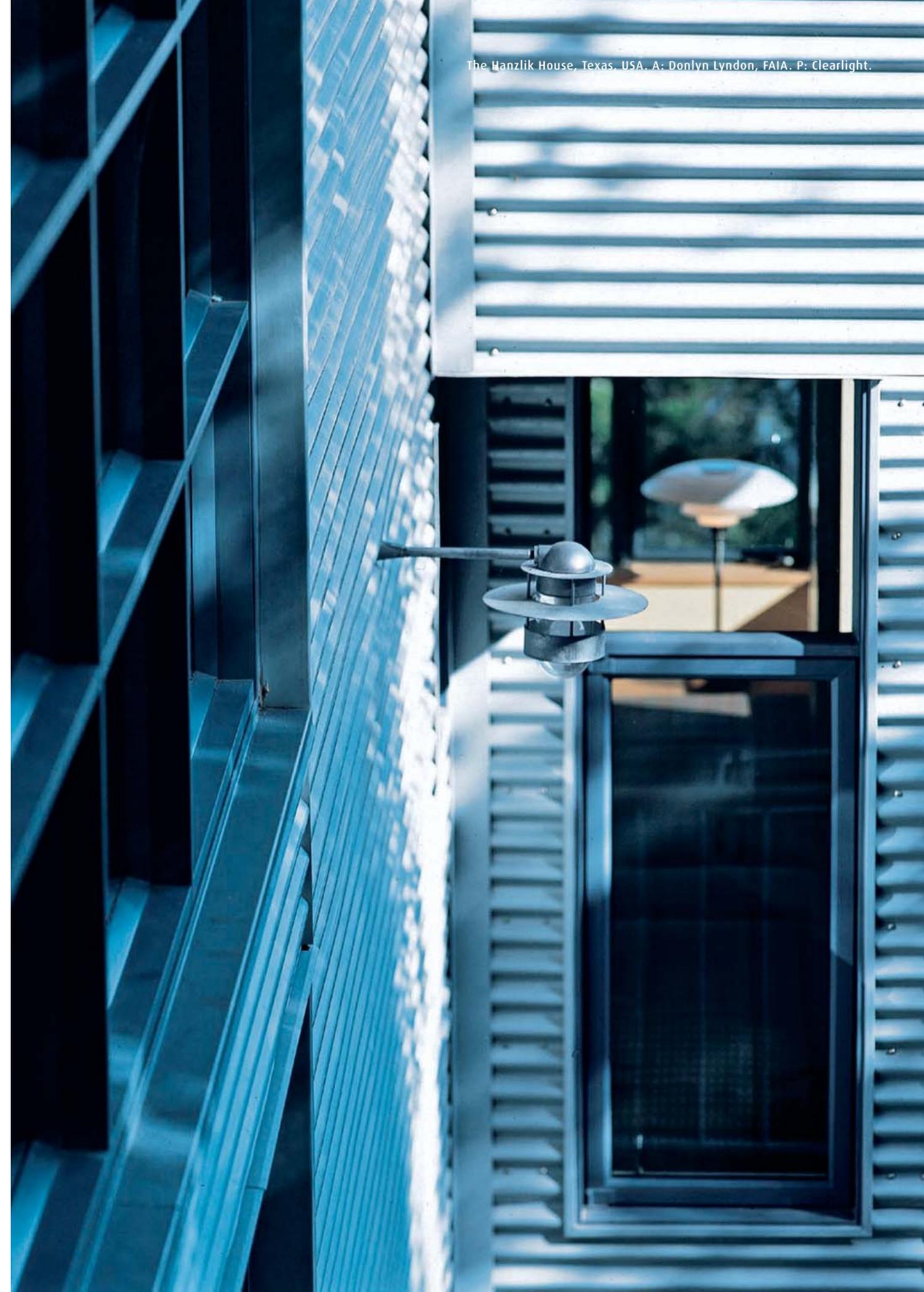
| Product code | Light source                          | Finish              | Class | Shield/Diffuser       | Arm type      |
|--------------|---------------------------------------|---------------------|-------|-----------------------|---------------|
| ALB-W        | 1x18W TC-TEL GX24q-2 HF<br>1x100W E27 | GALV<br>GREY<br>WHT | I     | CLEAR<br>PART FROSTED | LONG<br>SHORT |

**Specification notes**  
TC-TEL version is supplied with partly frosted glass enclosure to avoid undesirable glare. Incandescent version is supplied with clear glass enclosure.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
The control gear is placed in the wall box. Please note that the top, wall box and arm appears in natural aluminium surface for the versions with galvanised shades. Both natural aluminium and galvanised surfaces will oxidize during time. This can result in an inconsistent surface finish during oxidation. This process might have begun already during stocking/transportation.



The Hanzlik House, Texas, USA. A: Donlyn Lyndon, FAIA. P: Clearlight.



# Dock Wall/Ceiling

**Weblink:** 1565

**Design:** LK as

**Light Concept:** The fixture emits a symmetric or asymmetric light distribution. The four different diffusers optimizes the comfort and provides light distribution for a number of different applications. The clear top masked emits a distinct symmetrical light. The louvre variant secures a non glare passing by. The clear half masked variant is recommended for wall mountings. The opal variant secures a comfortable soft illumination.

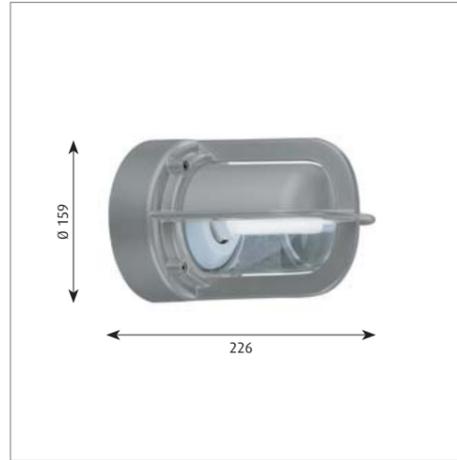
**Finish:** Aluminium coloured or graphite, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium.

**Mounting:** Terminal block: 1x2x2.5mm<sup>2</sup>. Cable entries: 3x rear and 1x side entry for 1 or 2 cables Ø 10-14mm. All entries are with knockouts. Looping: Approved, max. 2x1,5mm<sup>2</sup>.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP55. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source             | Finish           | Shield/Diffuser   |
|--------------|--------------------------|------------------|---|
| DOCK-WC      | 1x18W TC-T GX24d-2 Conv. | ALU COL<br>GRAPH | HALF SHADED CLEAR<br>OPAL<br>TOP SHADED CLEAR<br>TOP SHADED CLEAR FULL LOUVRE |

**Info notes**  
The fixture is not phase-compensated as standard. A phase-compensation unit is to be ordered seperately. Phase-compensation is not possible in the fixture head.



# Homann M2 Wall

**Weblink:** 1567

**Design:** Alfred Homann

**Lighting Concept:** The fixture emits glare-free light directed downwards. The gap between the back plate and shade allows the back plate and façade to be faintly illuminated and highlights the shape of the fixture. The inner surface is painted white, providing soft diffused light.

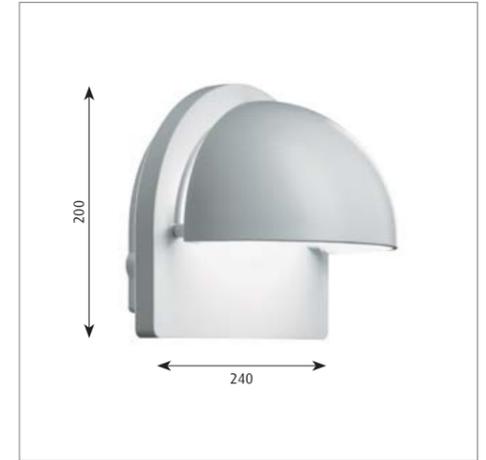
**Finish:** Aluminium coloured with textured surface or white, powder coated.

**Material:** Space shield: Injection moulded clear polycarbonate. Shade: Die cast aluminium. Back plate: Die cast aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 3x rear and 3 knock outs in bottom for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP23. Electric shock protection I w. ground.



| Product code | Light source                                      | Finish              |
|--------------|---|---------------------|
| HOM-M2-W     | 1x10W TC-D G24d-1 Conv.<br>1x10W TC-DEL G24q-1 HF | ALU COL TEXT<br>WHT |

**Info notes**  
The fixture can be fitted with one or several name plates, one beneath the other.



# F+P Wall LED

**Weblink:** 2712

**Design:** Foster + Partners

**Light Concept:** The fixture emits a symmetrical downlight. The opal cone ensures an even and diffuse light, free from obtrusive glare. The light emitted through the cone helps reducing the contrasts. The polished edges of the cylinder glow and hence clarify the shape of the fixture.

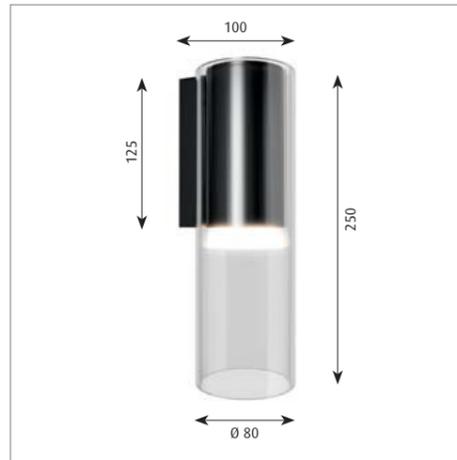
**Finish:** White with textured surface, aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Housing: Die cast aluminium, Enclosure: Extruded clear acrylic with polished edges.

**Mounting:** Terminal block: 1x3x2,5mm<sup>2</sup>. Cable entry: 1x rear entry for max Ø 13mm cable.

**Weight:** Max. 1kg.

**Class:** Ingress protection IP44 (LED unit: IP65). Electric shock protection I w/o ground.



| Product code | Light source                 | Finish                            |
|--------------|------------------------------|-----------------------------------|
| F+P-W        | 7W LED 3000k<br>7W LED 4000k | ALU COL TEXT<br>WHT<br>GRAPH TEXT |

**Specification notes**  
The LED driver is integrated in the fixture.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louisipoulsen.com](http://www.louisipoulsen.com).



# Io Wall/Ceiling

**Weblink:** 1653

**Design:** Merete Christensen & Bo Seedorff

**Lighting Concept:** The fixture emits diffuse, soft light which is 100% glare-free. Both the fixture and mounting surface are illuminated.

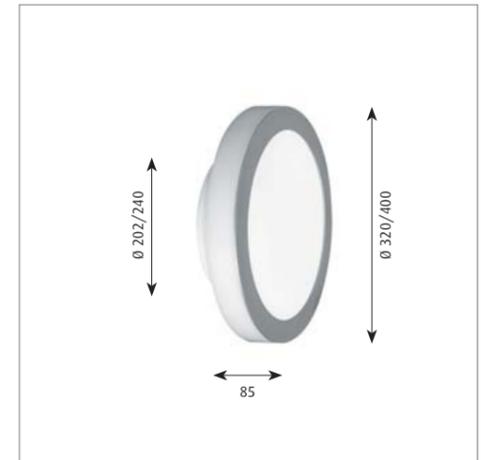
**Finish:** Aluminium, brushed & anodised, stainless steel, brushed or opal white.

**Material:** Shield: Injection moulded opal polycarbonate. Rings: Punched aluminium or punched stainless steel. Wall box: White, spun steel.

**Mounting:** Terminal block: 1x5x2,5mm<sup>2</sup>. Cable entries: 2x rear entries and 2x entries on the side, Ø 19mm. Looping: Approved, max. 5x1,5mm<sup>2</sup>.

**Weight:** Max. 3kg.

**Class:** Ingress protection: Ceiling: IP20, Wall: IP44. Electric shock protection I w. ground.



| Product code | Dimensions     | Light source  | Finish                         | Decor part         | Lighting control        |
|--------------|----------------|---|--------------------------------|--------------------|-------------------------|
| IO-WC        | Ø 320<br>Ø 400 | 1x22W T-R5 2GX13 HF<br>1x40W T-R5 2GX13 HF<br>1x55W T-R5 2GX13 HF | ALU<br>STAINLESS STEEL<br>OPAL | W/O RING<br>W/RING | NONE<br>EMERG LIGHT 3 H |

**Specification notes**  
22W T-R5 only available for Ø 320. 40W & 55W T-R5 only available for Ø 400. Lighting control is not possible for 55W T-R5.  
Alu and Stainless steel are supplied w/ring. Opal is supplied w/o ring.



# Kipp Wall

**Weblink:** 1606

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downward. The relation between the slightly curved top shade and the angle of the inner opal diffuser ensures a wide non glare light distribution.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Diffuser: Injection moulded white opal acrylic. Top shade: Die cast aluminium. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium. Wall box: Die cast aluminium. Arm: Extruded aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x rear and 2x bottom entries, Ø 20mm. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP55. Electric shock protection I w. ground. Vandal Proof II.



| Product code | Light source                                       | Finish                     | Class |
|--------------|--|----------------------------|-------|
| KIP-W        | 1x26/32W TC-TEL GX24q-3 HF<br>1x35W HIT-CRI G12 HF | ALU COL TEXT<br>GRAPH GREY | I     |

**Specification notes**  
The fixture is also available in a LED version.

**Info notes**  
The control gear is placed in the cone shaped housing.



# Kipp Wall LED

**Weblink:** 2707

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downward. The relation between the slightly curved top shade and the angle of the inner opal diffuser ensures a wide non glare light distribution.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Diffuser: Injection moulded white opal acrylic. Top shade: Die cast aluminium. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium. Wall box: Die cast aluminium. Arm: Extruded aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x rear and 2x bottom entries, Ø 20mm. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 7.5kg.

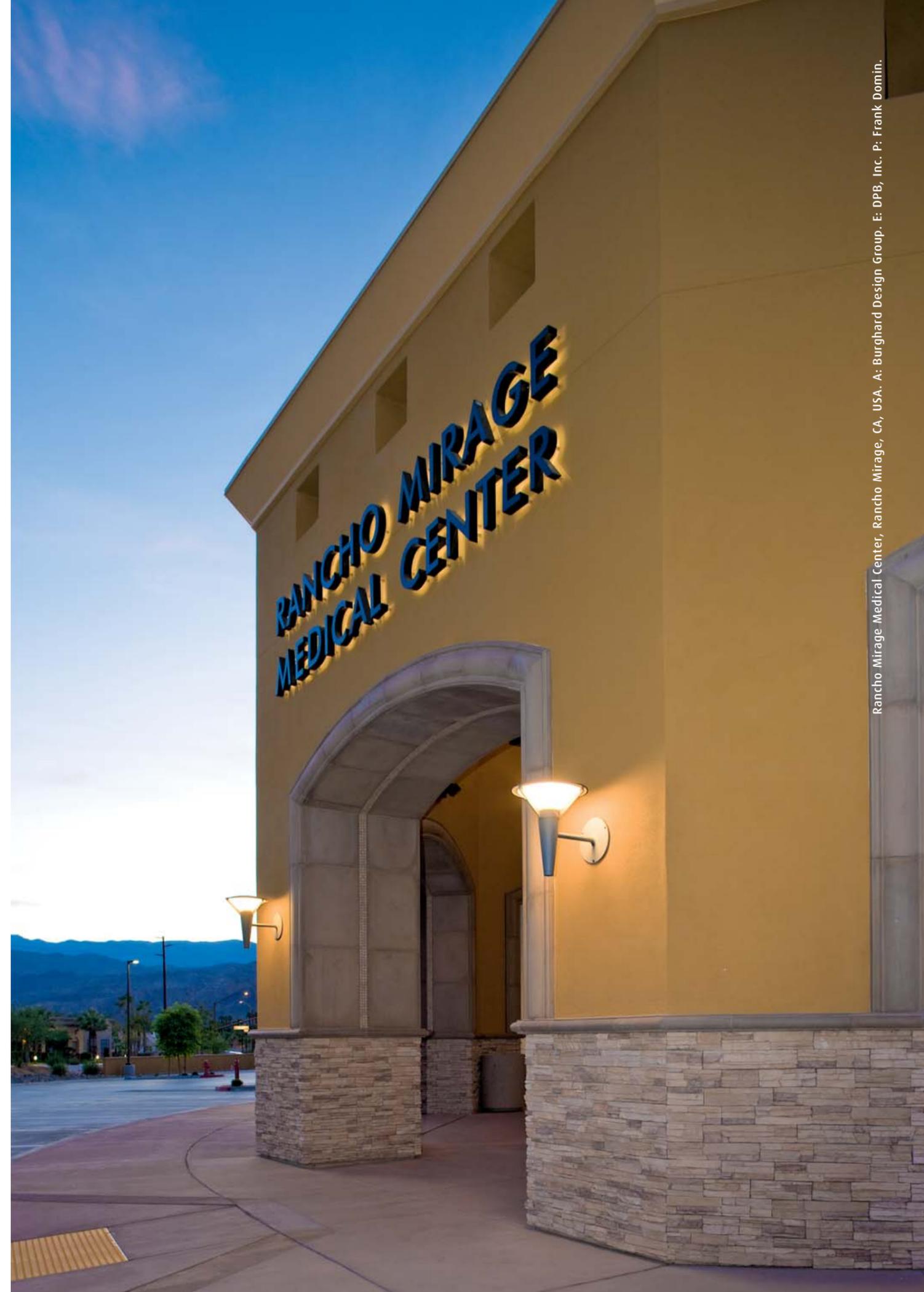
**Class:** Ingress protection IP55. Electric shock protection I w. ground. Vandal Proof II.



| Product code | Light source                   | Finish                     | Class |
|--------------|--------------------------------|----------------------------|-------|
| KIP-W        | 35W LED 3000K<br>35W LED 4000K | ALU COL TEXT<br>GRAPH GREY | I     |

**Specification notes**  
The LED driver is placed in the cone shaped housing.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



# LP Icon Mini Basic Wall

**Weblink:** 1667

**Design:** Mads Odgård

**Light Concept:** The fixture provides mainly direct downward illumination. In the basic version the shade is opaque. Numerous light source positions in the reflector solution make both symmetrical and asymmetrical light distribution possible.

**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Shade: Grey, high pressure moulded ASA. Reflector: Metallized, high pressure moulded polycarbonate. Diffuser: Toughened clear glass. Housing: Die cast aluminium. Arm: Galvanized, steel.

**Mounting:** Fitting/pipe stub dimensions: Ø 48mm. Cable length: 9m. Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Looping: Not approved. Ballast positioning: In fixture head.

**Weight:** Max. 9.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source   | Finish       | Class   | Mounting     |
|--------------|--|--------------|---------|--------------|
| ICO-BA-W     | 1x26W/32W/42W TC-TEL HF<br>1x35W HIE/HIT (CRI) E27 Conv.<br>1x57W TC-TEL GX24q-5 HF<br>1x50W/70W HIE/HIT (CRI) E27 Conv.<br>1x100W HIE/HIT (CRI) E40 Conv. | ALU COL TEXT | I<br>II | SIDE-MOUNTED |

**Info notes**  
Wall arm to be ordered separately. Can on request be delivered with bottom glass in clear, serigraphed or matt glass. To achieve optimum asymmetrical light distribution, tubular light sources (HIT) are recommended.



# LP Icon Mini Opal Wall

**Weblink:** 1668

**Design:** Mads Odgård

**Light Concept:** The fixture provides mainly direct downward illumination. In the opal version the shade is lit up from within and creates a soft diffuse upwards light. Because of the faintly hit hemisphere the shape is uniform both day and night. Numerous light source positions in the reflector solution make both symmetrical and asymmetrical light distribution possible.

**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Shade: High pressure moulded white opal acrylic. Reflector: Metallized, high pressure moulded polycarbonate. Diffuser: Toughened clear glass with silk screen print. Housing: Die cast aluminium. Arm: Galvanized, steel.

**Mounting:** Fitting/pipe stub dimensions: Ø 48mm. Cable length: 9m. Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Looping: not approved. Ballast positioning: In fixture head.

**Weight:** Max. 9.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



**Info notes**  
Wall arm to be ordered separately. Can on request be delivered with bottom glass in clear, serigraphed or matt glass. To achieve optimum asymmetrical light distribution, tubular light sources (HIT) are recommended.



Eastside Cannery Hotel & Casino, Las Vegas, NV, USA - A: Klai Juba Architects - P: Saari & Forrai Photography.

# Nyhavn Wall

Weblink: 1607

Design: Alfred Homann & Ole V. Kjær

**Light Concept:** The conical shade ensures comfortable light that is directed downwards in a wide beam. The shade interior has a white matte painted surface, ensuring uniform light distribution. The rings ensure that a stray light is controlled, and direct a small amount of light onto the top side of the shade for self-illumination.

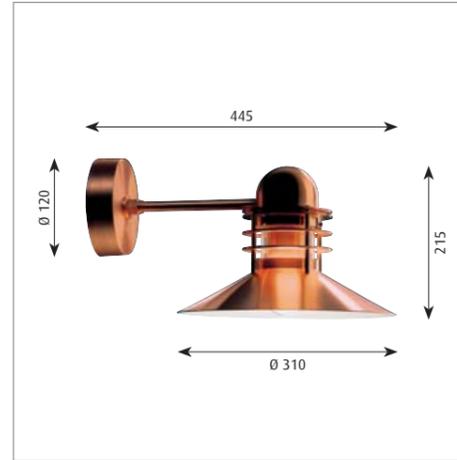
**Finish:** Copper, brushed or white, wet painted.

**Material:** Shades: Spun aluminium or spun copper. Enclosure: Clear glass or partly frosted glass. Top: Spun aluminium or spun copper. Wall box: Die cast aluminium. Wall box cover: Spun aluminium or spun copper. Arm: Copperplated, red brass or steel.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 3x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                         | Finish           | Class | Shield/Diffuser       |
|--------------|--------------------------------------|------------------|-------|-----------------------|
| NYH-W        | 1x10W TC-DEL G24q-1 HF<br>1x100W E27 | BRUSH COP<br>WHT | I     | CLEAR<br>PART FROSTED |

**Specification notes**  
100W only available with clear glass. TC-DEL version only available with partly frosted glass.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
The control gear is placed in the fixture head. Please note that the copper versions are untreated in order to achieve a verdigris finish over time. This can result in an inconsistent surface finish prior to the product achieving full patina.



# OJ Wall

Weblink: 2602

Design: Ole Jensen

**Lighting Concept:** The fixture emits soft comfortable light. The light distribution is glare-free. The shade design seeks to create soft, decorative illumination of the top and bottom of the shade, giving the impression that the light is being squeezed out of the openings. The thickness and surface of the shades 'retains' the light, thereby creating the perception that the shade is illuminated from within. A detail which is achieved in part due to the structure of the surface. The angle of the shade concentrates the light, and the adjustable head further permits the light distribution to be optimised.

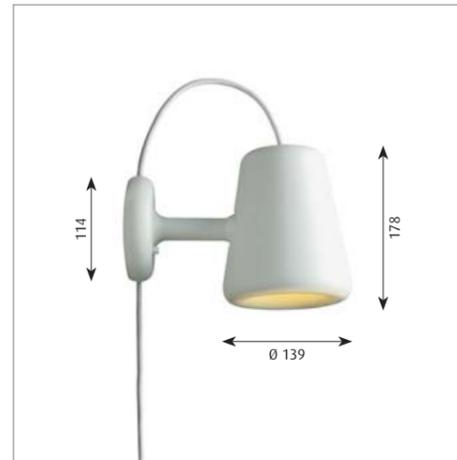
**Finish:** White with a structured surface, powder coated.

**Material:** Arm/Wall flange: Die cast aluminium. Shade: Pressed steel.

**Mounting:** Cable type: Textile cable with plug. Cable length: Cable length: 2.5m. The version for installation above the optional junction box is without additional cable. Light control: Cord drive.

**Weight:** Max. 2kg.

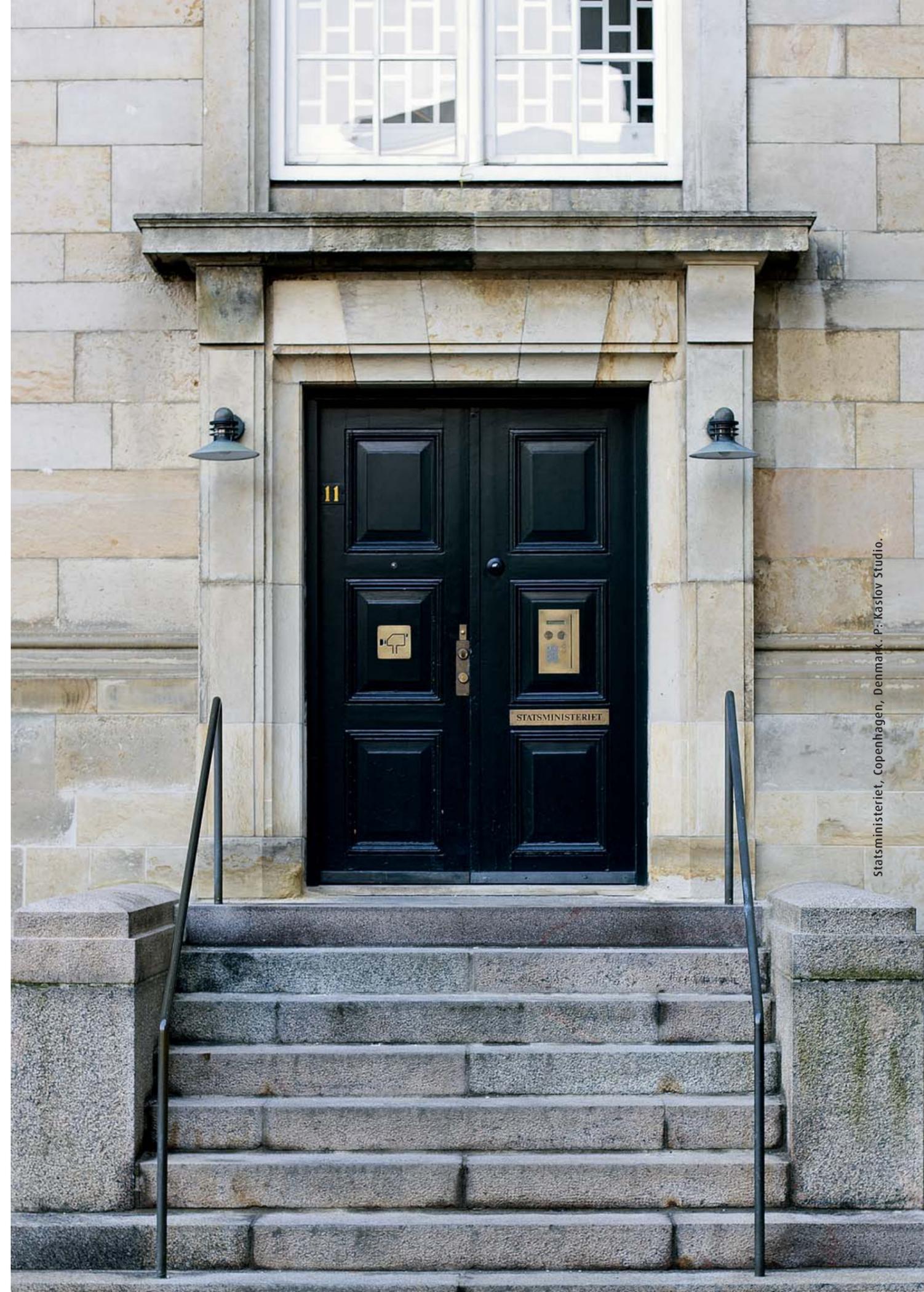
**Class:** Ingress protection IP20. Electric shock protection II or I.



| Product code | Light source           | Finish       | Class   | Cable type          |
|--------------|------------------------|--------------|---------|---------------------|
| OJ-W         | 1x9W TC-DSE/TC-HSE E14 | WHT COL TEXT | I<br>II | W/ PLUG<br>W/O PLUG |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Comes with an energy-saving light source.



Statsministeriet, Copenhagen, Denmark. P: Kaslov Studio.

# Oslo Uplight

**Weblink:** 1571

**Design:** Kurt Nørregaard

**Light Concept:** The fixture provides general indirect illumination and produces a visually comfortable ambiance as a result of light being emitted between the shades. The opening at the base emits light downwards, helping to emphasize the design of the fixture.

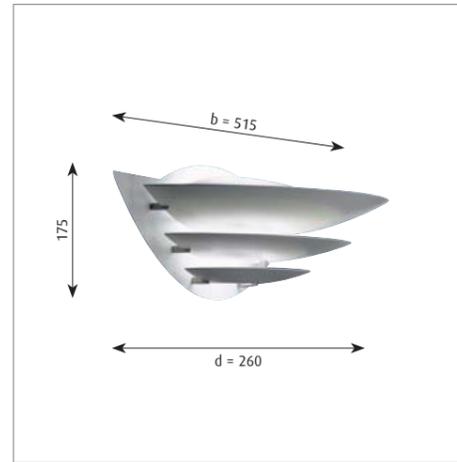
**Finish:** White, wet painted.

**Material:** Shades: Spun aluminium. Diffuser: Frosted, vacuum formed acrylic. Back plate: Punched steel.

**Mounting:** Terminal block: HF: 1x3x2,5mm<sup>2</sup>, HF-D: 1x5x2,5mm<sup>2</sup>. Cable entries: 2x rear entries, Ø 20mm. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 3kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source   | Finish | Lighting control                                   |
|--------------|--|--------|--|
| OS-W         | 1x42W TC-TEL GX24q-4 HF-D<br>1x26W/32W/42W TC-TEL HF | WHT    | NONE<br>DALI/DSI/SWITCH-DIM/SMART-DIM<br>DIM 1-10V |

**Specification notes**  
Dimming only available with 1x42W HF-D. HF only available with no light control.



# PH 2/1 Wall

**Weblink:** 1586

**Design:** Poul Henningsen

**Lighting Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of mouth-blown opal three-layer glass, which is shiny on the top and sandblasted matt on the inside, giving a soft and diffuse light distribution.

**Finish:** White opal glass. High lustre chrome plated.

**Material:** Shades: Mouth-blown white opal glass. Wall box: High lustre chrome plated, spun brass. Suspension: High lustre chrome plated, spun aluminium. Arm: High lustre chrome plated, brass.

**Mounting:** Cable length: 2.9m. Light control: On wall plate.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     | Cable type |
|--------------|--------------|--|------------|
| PH21-W       | 1x40W E14    | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS | BLK PL     |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# PH 3-2½ Wall

**Weblink:** 1673

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades have a matte white painted interior surface, diffusing the light in a comfortable way.

**Finish:** Black, powder coated.

**Material:** Top shade: Spun stainless steel. Middle/lower shade: Spun stainless steel. Shadeholder: Form pressed glass. Wall box: Die cast aluminium. Wall box cover: Spun aluminium. Arm: Stainless steel.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 3x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source | Finish |
|--------------|--------------|--------|
| PH32.5-W     | 1x60W E27    | BLK    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuulsen.com](http://www.louispuulsen.com) we update a list of recommendable light sources.



# PH 3/2 Wall

**Weblink:** 1587

**Design:** Poul Henningsen

**Lighting Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of mouth-blown opal three-layer glass, which is shiny on the top and sandblasted matt on the inside, giving a soft and diffuse light distribution.

**Finish:** White opal glass. High lustre chrome plated.

**Material:** Shades: Mouth-blown white opal glass. Top plate: High lustre chrome plated, spun brass. Wall box: High lustre chrome plated, spun brass. Arm: High lustre chrome plated, brass.

**Mounting:** Cable length: 2.9m. Light control: On wall plate.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Light source | Finish                                     |
|--------------|--------------|--|
| PH32-W       | 1x40W E14    | HIGH LUSTRE CHROME PLATED / WHT OPAL GLASS |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuulsen.com](http://www.louispuulsen.com) we update a list of recommendable light sources.



Private home, Aalsgaard, Denmark. P. Jesper Ray.

# PH Hat

**Weblink:** 1576

**Design:** Poul Henningsen

**Lighting Concept:** The fixture emits indirect 100% glare-free light. The light distribution depends on the angle of the shade. The shade is pink coloured on the inside, giving the light a warm tone.

**Finish:** White, wet painted.

**Material:** Shade: Spun steel. Wall box: Spun steel.

**Mounting:** Cable length: 2.4m. Light control: On wall plate.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP20. Electric shock protection II w/o ground.



| Product code | Dimensions | Light source | Finish | Class |
|--------------|------------|--------------|--------|-------|
| PHH-W        | Ø 225      | 1x40W E14    | WHT    | II    |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
The fixture is tiltable.



# PH Wall

**Weblink:** 1577

**Design:** Poul Henningsen

**Lighting Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades have a matt white painted inside to ensure diffuse, comfortable light distribution.

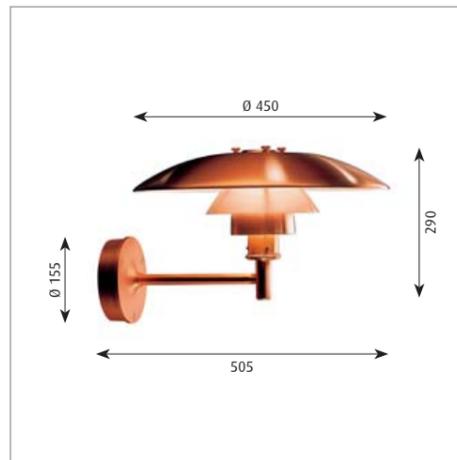
**Finish:** Copper, brushed.

**Material:** Shades: Spun copper. Wall box: Copperplated, spun brass. Arm: Copperplated, brass.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 2x rear entries for Ø 10-14.5mm cable or 2x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 6kg.

**Class:** Ingress protection IP23. Electric shock protection I w. ground.



| Product code | Light source | Finish    | Class | Body   |
|--------------|--------------|-----------|-------|--|
| PH-W         | 1x100W E27   | BRUSH COP | I     | BOX W/SIDE CABLE HOLES<br>BOX W/O SIDE CABLE HOLES |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispuolsen.com](http://www.louispuolsen.com) we update a list of recommendable light sources.

**Info notes**  
Please note that the copper surface is untreated in order to achieve a verdigris finish over time. This can result in an inconsistent surface finish prior to the product achieving full patina. This process might have begun already during stocking/transportation.



# Planet Wall

Weblink: 2562

Design: Jens Møller-Jensen

**Light Concept:** The fixture provides characteristic symmetrical and functional lighting. The horizontal ring reflects the light downwards, but its position also allows some light to slip past and illuminate the fixture itself. The anti-glare ring prevents from horizontal glare, and the diffuser is available either as clear, opal or partly frosted depending on the desired light source.

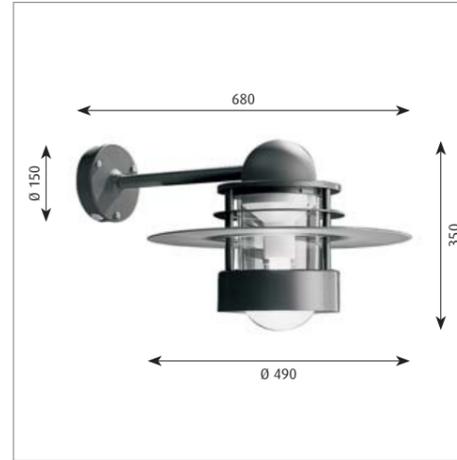
**Finish:** Aluminium coloured with textured surface or white, powder coated.

**Material:** Saturn ring: Punched aluminium. Anti glare ring: Spun aluminium. Top: Die cast aluminium. Wall box: Die cast aluminium. Arm: Extruded aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 2x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>. Ballast positioning: In fixture head.

**Weight:** Max. 7kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                                       | Finish              | Class | Shield/Diffuser |
|--------------|--|---------------------|-------|-----------------|
| PLAN-W       | 1x26W/32W/42W TC-TEL HF<br>1x70W HIE-CRI E27 Conv. | ALU COL TEXT<br>WHT | I     | PART FROSTED    |

Info notes  
HIE-CRI is supplied with partly frosted diffuser. The TC-TEL version has got acrylic diffuser. The HIT version has got polycarbonate diffuser due to high temperature.



# Saturn

Weblink: 1579

Design: Joachim Lepper

**Light Concept:** The fixture emits light directed upwards and downwards. The horizontal half ring reflects the light in both directions. The fixture is available in two variants: a two light source version and a one light source version. The two light source variant: The anti-glare rings make the fixture glare-free for passers-by. The one lightsource variant: The opal diffuser emits a soft light for general illumination.

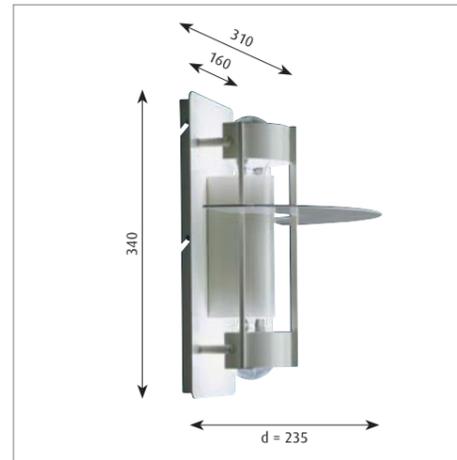
**Finish:** White, powder coated.

**Material:** Diffuser: Injection moulded opal polycarbonate (TC-DEL). Saturn ring: Punched steel. Anti-glare rings: Form pressed steel. Back plate: Punched steel.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x rear + 2x top entries, Ø 19mm. Looping: Approved, max. 3x1,5mm<sup>2</sup>. Ballast positioning: In wall box.

**Weight:** Max. 4.5kg.

**Class:** Ingress protection IP20. Electric shock protection I w. ground.



| Product code | Light source                         | Finish | Shield/Diffuser |
|--------------|--------------------------------------|--------|-----------------|
| SAT-W        | 1x26W TC-DEL G24q-3 HF<br>2x100W E27 | WHT    | NONE<br>OPAL    |

Specification notes  
Opal diffuser only available with 1x26W TC-DEL.  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages.  
On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# Skot Wall/Ceiling

**Weblink:** 1616

**Design:** LK as

**Light Concept:** The fixture is available with two types of distribution: symmetric or asymmetric. The asymmetric is only recommended for wall mounting. The opal diffuser creates a soft light distribution.

**Finish:** Aluminium coloured or graphite with textured surface, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium.

**Mounting:** Terminal block: 1x4x2.5mm<sup>2</sup>. Cable entries: 2x rear entries. 1x top entry, 1x side entry in each side and 3x bottom entries. Looping: Approved, max. 4x1,5mm<sup>2</sup>.

**Weight:** Max. 2.5kg.

**Class:** Ingress protection IP66. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source  | Finish           | Class | Shield/Diffuser  |
|--------------|---|------------------|-------|--|
| SKT-WC       | 1x10W/13W TC-DEL G24q-1 HF<br>1x18W TC-DEL G24q-2 HF<br>1x75W E27 | ALU COL<br>GRAPH | II    | CLEAR<br>HALF SHADED CLEAR<br>HALF SHADED OPAL<br>OPAL |

Specification notes  
Opal diffuser only available with 75W E27.



# Skot Maxi Wall/Ceiling

**Weblink:** 1617

**Design:** LK as

**Light Concept:** The fixture is available with two types of distribution: symmetric or asymmetric. The asymmetric is only recommended for wall mounting. The opal diffuser creates a soft light distribution.

**Finish:** Aluminium coloured or graphite with textured surface, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium.

**Mounting:** Terminal block: 1x5x6mm<sup>2</sup>. Cable entries: 6x rear entries. 3x knockout entries in each side. Looping: Approved, max. 4x2,5mm<sup>2</sup>. Ballast positioning: In wall box. Wall box: Die cast aluminium.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP66. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source                                | Finish           | Class | Shield/Diffuser                               |
|--------------|---|------------------|-------|---|
| SKT-MA-WC    | 1x26W/32W/42W TC-TEL HF<br>1x35W HIE E27 HF | ALU COL<br>GRAPH | II    | HALF SHADED CLEAR<br>HALF SHADED OPAL<br>OPAL |



# Tolddbod 155 Wall

**Weblink:** 1683

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The light is directed 100% downwards, and the shade has a matt white painted inside which emits a soft, diffused, comfortable light. The fixture fulfils full cut-off criteria.

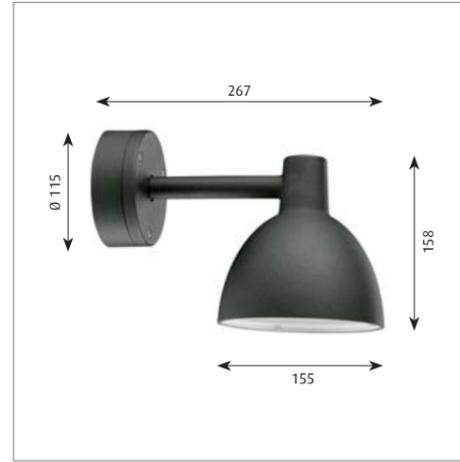
**Finish:** Aluminium coloured with textured surface or black with textured surface, powder coated.

**Material:** Fixture head: Chilled casting aluminium. Shield: Laser cut acrylic satine. Wall box: Die cast aluminium. Arm: Chilled casting aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: 2x bottom + 3x rear entries for Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source | Finish         |
|--------------|--------------|----------------|
| TOL-155-W    | 1x40W E14    | ALU COL<br>BLK |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.



# Tolddbod 220/290 Wall

**Weblink:** 1614

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The light is directed 100% downwards and the shade has a matte white painted interior emitting a soft, diffused, comfortable light.

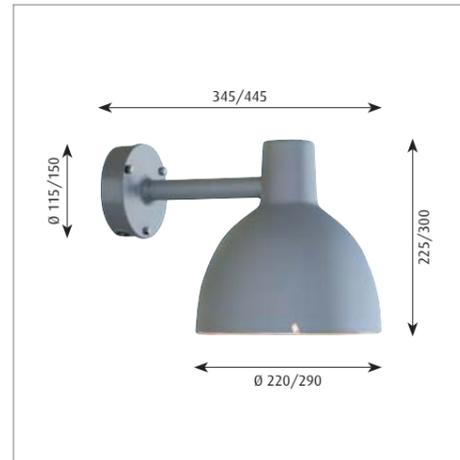
**Finish:** Aluminium coloured with textured surface or black with textured surface, powder coated.

**Material:** Fixture head: Die cast aluminium. Shield: Injection moulded clear polycarbonate. Wall box: Die cast aluminium. Arm: Extruded aluminium.

**Mounting:** Terminal block: 1x3x2.5mm<sup>2</sup>. Cable entries: Ø 290: 2x rear entries and 2x bottom entries to Ø 10-14.5mm cable. Ø 220: 3x rear entries and 2x knock outs in bottom to Ø 10-14.5mm cable. Looping: Approved, max. 3x1,5mm<sup>2</sup>.

**Weight:** Max. 5kg.

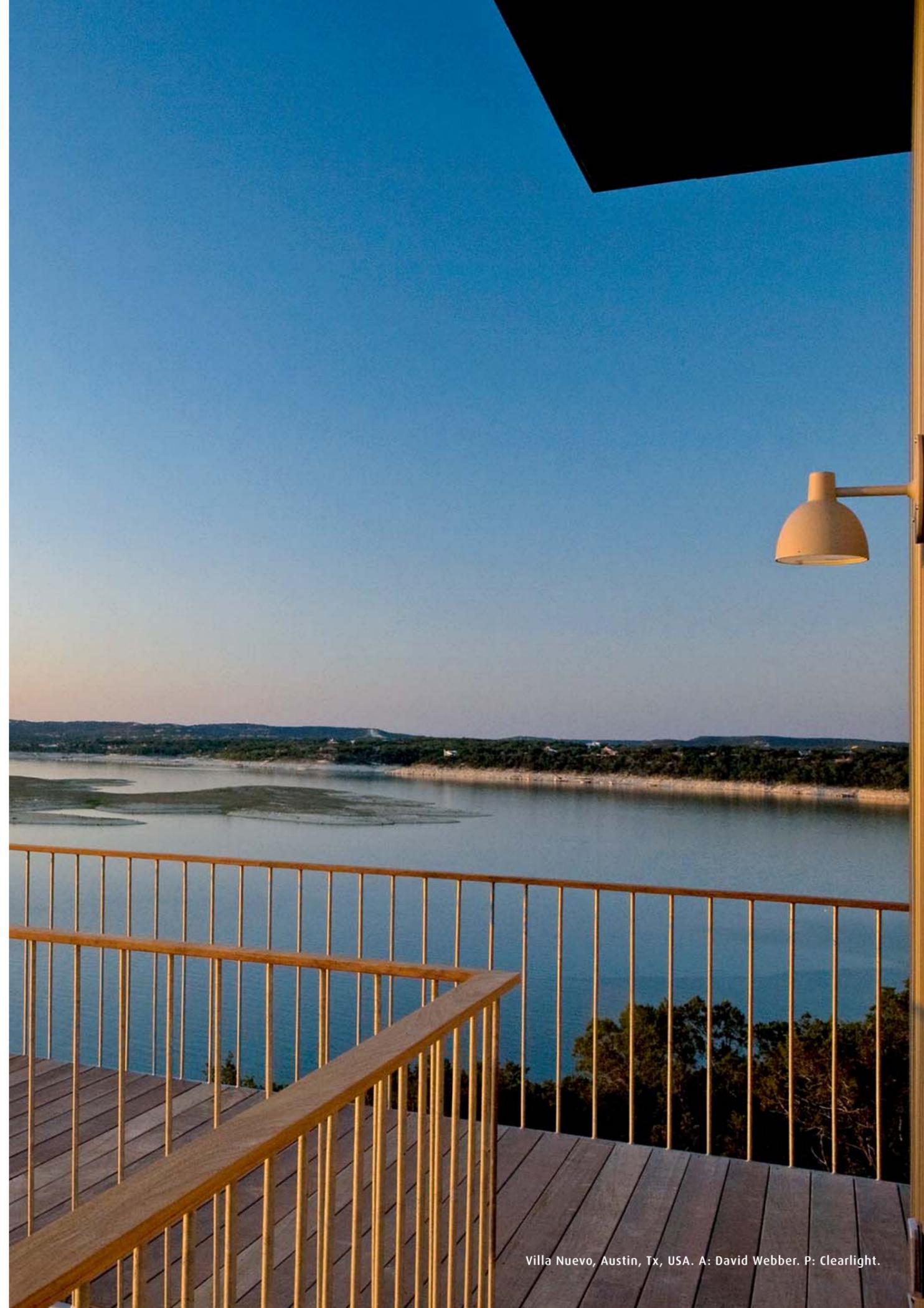
**Class:** Ingress protection, Ø 220: IP43, Ø 290: IP44. Electric shock protection I w. ground, II w/o ground.



| Product code | Dimensions     | Light source  | Finish         | Class |
|--------------|----------------|---|----------------|-------|
| TOL-W        | Ø 220<br>Ø 290 | 1x26W TC-TEL GX24q-3 HF<br>1x26W/32W/42W TC-TEL HF<br>1x70W HIE/HIT (CRI) E27<br>1x100W E27<br>Vap. lamps 13140 | ALU COL<br>BLK | I     |

**Specification notes**  
Tolddbod Ø220 is only available in 100W E27. Ø290 is only available for 1x26/32/42W TC-TEL and vap. lamps 13140 (50W HSE-I, 70W HSE-I, 150W E27.)  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
For vapour lamp versions (HSE-I), please order the "vap. lamps" version and note that control gear for these versions is not supplied as standard and must be ordered separately (ballast, ignitor (not for HSE-I) and capacitor) and placed in a separate remote gear box. The wall box and arm are painted in the same colour as the fixture head.



Villa Nuevo, Austin, Tx, USA. A: David Webber. P: Clearlight.



## bollards

- 238 • Albertslund Bollard/Orbiter Bollard
- 238 • Bysted
- 240 • Dock Bollard
- 240 • Homann Bollard
- 242 • Kipp Bollard
- 242 • Kipp Bollard LED
- 238 • Orbiter Bollard/Albertslund Bollard
- 244 • Pagoda LED
- 244 • PH 3-2½ Bollard
- 246 • Rubbie LED
- 246 • Sentry
- 248 • Skot Bollard
- 248 • Skot Maxi Bollard
- 250 • Toldbod 155 Bollard
- 250 • Waterfront
- 252 • Waterfront LED

# bollards

|  |  |  |   |   |
|--|--|--|---|---|
|  <p>Albertslund<br/>Bollard/Orbiter<br/>Bollard • 238</p> |  <p>Bysted<br/>• 238</p>              |  <p>Dock Bollard<br/>• 240</p>          |  <p>Homann Bollard<br/>• 240</p> |  <p>Kipp Bollard<br/>• 242</p>     |
|  <p>Kipp Bollard LED<br/>• 242</p>                       |  <p>Pagoda LED<br/>• 244</p>         |  <p>PH 3-2½ Bollard<br/>• 244</p>      |  <p>Rubbie LED<br/>• 246</p>    |  <p>Sentry<br/>• 246</p>          |
|  <p>Skot Bollard<br/>• 248</p>                          |  <p>Skot Maxi<br/>Bollard • 248</p> |  <p>Toldbod 155<br/>Bollard • 250</p> |  <p>Waterfront<br/>• 250</p>   |  <p>Waterfront LED<br/>• 252</p> |
|   |  |  |   |   |

# Albertslund Bollard / Orbiter Bollard

**Weblink:** 1536

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture provides a wide symmetrical illumination. The design of the reflector ring combined with the internal reflector ensures the majority of the light is directed downward. The anti-glare ring shields the lamp from direct view.

**Finish:** Aluminium coloured with textured surface, graphite with textured surface or grey, powder coated.

**Material:** Reflector: White, spun aluminium. Enclosure: Injection moulded clear polycarbonate. Ring: Spun aluminium. Anti glare ring: Spun aluminium. Top: Die cast aluminium. Post: Extruded aluminium. Base plate: Die cast aluminium.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In post. Looping: Approved, max 5x2,5mm<sup>2</sup>. Ballast positioning: In post. Max. installation cable: Depending on installation box. Post f/in-ground installation: H: 1300mm excl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 700mm excl. fixture head. Post dia. 150mm.

**Weight:** Max. 13kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground, II w/o ground. IK10.



| Product code | Light source                                       | Finish                             | Class   | Mounting      | Pole/Post  |
|--------------|--|------------------------------------|---------|---------------|--|
| ALB-B        | 1x26W/32W/42W TC-TEL HF<br>1x70W HIE-CRI E27 Conv. | ALU COL TEXT<br>GRAPH TEXT<br>GREY | I<br>II | W/ACCESS DOOR | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Info notes**  
Supplied with bracket for terminal box. Please contact the sale office if a termination/cut out unit is required. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally.



# Bysted

**Weblink:** 1603

**Design:** Peter Bysted

**Light Concept:** The fixture emits light directed downwards. The shades have a white painted undersurface to achieve optimal light reflection and produce a characteristic symmetric light pattern around the fixture.

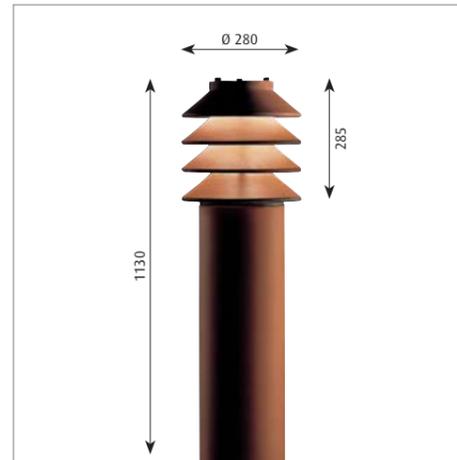
**Finish:** Cor-ten steel, raw.

**Material:** Fixture head: Die cast iron. Post: Cor-ten steel. Base plate: Cor-ten steel.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In post. Looping: Approved, max 5x6mm<sup>2</sup>. Ballast positioning: In pole top. Max. installation cable: Depending on installation box. Post f/in-ground installation: H: 1445mm excl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 845mm excl. fixture head. Post dia. 200mm.

**Weight:** Max. 42.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source  | Finish        | Class   | Mounting      | Pole/Post  |
|--------------|---|---------------|---------|---------------|--|
| BYS-B        | 1x26W/32W/42W TC-TEL HF<br>1x50W/70W HSE-I E27 Conv.<br>1x70W HIE-CRI E27 Conv. | COR-TEN STEEL | I<br>II | W/ACCESS DOOR | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Specification notes**  
HSE-I only available with class I.

**Info notes**  
Post for base plate installation supplied without anchor bolts. Anchor bolts to be sourced locally. Oxidation of both Cor-ten steel and cast iron gives a rough and "rusty" looking surface which protects the material from further corrosion. The speed of the oxidation process is faster for Cor-ten than it is for cast iron. Supplied with bracket for terminal box. Please contact the sale office if a termination/cut out unit is required.



City of Morrow Bay Tidelands Park, Morrow Bay, CA, USA. Sp: City of Morrow Bay. P: Frank Domin.



# Dock Bollard

**Weblink:** 1564

**Design:** LK as

**Light Concept:** The fixture emits a symmetric light distribution through a louvre, which secures a non glare passing by.

**Finish:** Aluminium coloured or graphite with textured surface, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium. Post: Extruded aluminium.

**Mounting:** In-ground struts: Yes. Access door: No. Terminal block: 1x2x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Looping: Approved. Ballast positioning: In fixture head. Post f/in-ground installation: H: 1636mm excl. fixture head, in-ground part: 800mm. Post w/base plate for surface mounting: H: 836mm excl. fixture head. Post dia. 150mm.

**Weight:** Max. 12kg.

**Class:** Ingress protection IP55. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source             | Finish           | Shield/Diffuser   | Pole/Post  |
|--------------|--------------------------|------------------|---|--|
| DOCK-B       | 1x18W TC-T GX24d-2 Conv. | ALU COL<br>GRAPH | HALF SHADED CLEAR<br>OPAL<br>TOP SHADED CLEAR<br>TOP SHADED CLEAR FULL LOUVRE | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Info notes**  
Please note that the fixture head and post must be ordered separately. The fixture is not phasecompensated as standard. A phase-compensation unit is to be ordered separately. A phase compensation unit can be placed in the post. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally.



# Homann Bollard

**Weblink:** 1566

**Design:** Alfred Homann

**Lighting Concept:** The fixture emits glare-free light directed downwards. The gap between the back plate and shade allows the back plate to be faintly illuminated and highlights the shape of the fixture. The inner surface is painted white, providing soft diffused light.

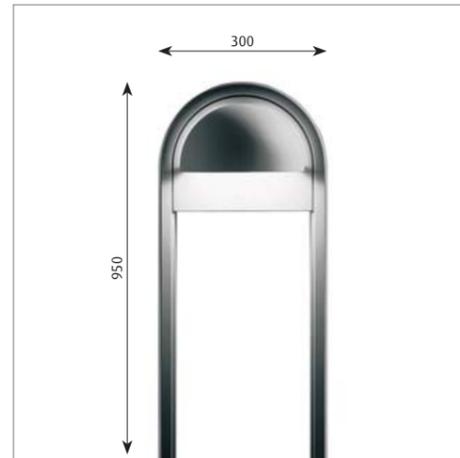
**Finish:** Aluminium coloured with textured surface or white, powder coated.

**Material:** Space shield: Injection moulded clear polycarbonate. Shade: Die cast aluminium. Vandal Shield: Injection moulded clear polycarbonate. Back plate: Die cast aluminium. Post: Extruded aluminium.

**Mounting:** In-ground struts: Yes. Access door: No. Terminal block positioning: In fixture head. Looping: Approved, max 5x2,5mm<sup>2</sup>. Ballast positioning: In fixture head. Max. installation cable: 1 or 2x5x2,5mm<sup>2</sup>. U-Post f/in-ground installation: H: 1550mm incl. fixture head, in-ground part: 600mm. U-Post: W: 300mm. D: 195mm incl. fixture head.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                | Finish         | Class | Pole/Post                     |
|--------------|-----------------------------|----------------|-------|-------------------------------|
| HOM-B        | 1x10W TC-D G24d-1 Conv. LLB | ALU COL<br>WHT | I     | POST F/IN-GROUND INSTALLATION |

**Info notes**  
U-post for in-ground installation.  
Anchor bolts to be sourced locally.



Decize, Halte fluviale, France. P: Egon Gade.

# Kipp Bollard

**Weblink:** 1596

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downward. The relation between the slightly curved top shade and the angle of the inner opal diffuser ensures a wide non glare light distribution.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Diffuser: Injection moulded white opal acrylic. Top shade: Die cast aluminium. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium. Post: Extruded aluminium.

**Mounting:** Access door: Yes. Terminal block positioning: In post. Looping: Approved, max 5x6mm<sup>2</sup>. Ballast positioning: In pole top. Max. installation cable: Electric shock protection I: 1 or 2 pcs. 5x6mm<sup>2</sup> or Electric shock protection II: 1 or 2 pcs. 4x6mm<sup>2</sup>. Post f/in-ground installation: H: 1705mm excl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 1105mm excl. fixture head. Post dia. 115mm.

**Weight:** Max. 20kg.

**Class:** Ingress protection IP55. Electric shock protection I w. ground, II w/o ground. Vandal Proof II.



| Product code | Light source                                       | Finish           | Class   | Pole/Post  |
|--------------|--|------------------|---------|--|
| KIP-B        | 1x26/32W TC-TEL GX24q-3 HF<br>1x35W HIT-CRI G12 HF | ALU COL<br>GRAPH | I<br>II | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Info notes**  
The fixture is IP55. The bollard post is IP44. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally.  
The fixture is also available in a LED version.



# Kipp Bollard LED

**Weblink:** 2702

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downward. The relation between the slightly curved top shade and the angle of the inner opal diffuser ensures a wide non glare light distribution.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Diffuser: Injection moulded white opal acrylic. Top shade: Die cast aluminium. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium. Post: Extruded aluminium.

**Mounting:** Access door: Yes. Terminal block positioning: In post. Looping: Approved, max 5x6mm<sup>2</sup>. Ballast positioning: In pole top. Max. installation cable: Electric shock protection I: 1 or 2 pcs. 5x6mm<sup>2</sup> or Electric shock protection II: 1 or 2 pcs 4x6mm<sup>2</sup>. Post f/in-ground installation: H: 1705mm excl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 1105mm excl. fixture head. Post dia. 115mm.

**Weight:** Max. 20kg.

**Class:** Ingress protection IP55. Electric shock protection I w. ground, II w/o ground. Vandal Proof II.



| Product code | Light source  | Finish                | Class   | Pole/Post  |
|--------------|---------------|-----------------------|---------|--|
| KIP-LED-B    | 35W LED 4000K | ALU COL TEXT<br>GRAPH | I<br>II | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Specification notes**  
The LED driver is placed in the pole.  
All LED efficiency information are measured as system power.

**Info notes**  
The fixture is IP55. The bollard post is IP44. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispuulsen.com](http://www.louispuulsen.com).



Grundtvig Church, Copenhagen, Denmark. P: Tim Bjørn.

# Pagoda LED

**Weblink:** 1680

**Design:** design-people aps

**Light Concept:** The fixture emits an indirect soft light distribution due to the inner white painted and slightly curved top reflector. The white interior of the fixture optimizes the base mounted LED light source. The design of the fixture makes it a comfortable place to sit.

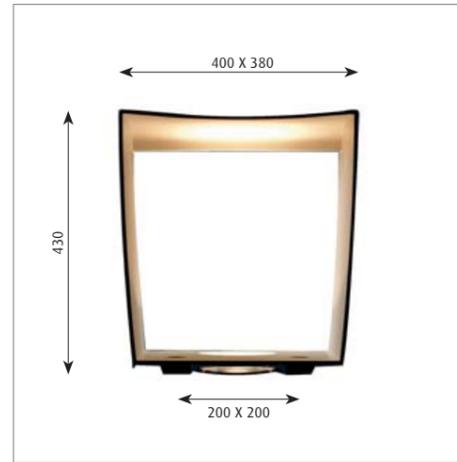
**Finish:** Graphite with textured surface, powder coated.

**Material:** Base: Die cast aluminium, Light unit: Polycarbonate

**Mounting:** installation cable: 3m, 3x1,5mm<sup>2</sup>.

**Weight:** Max. 20kg.

**Class:** Ingress protection IP66. Electric shock protection I.



| Product code | Light source | Finish     |
|--------------|--------------|------------|
| PAG-B        | 4W LED 3000K | GRAPH GREY |

**Specification notes**  
Pagoda LED has a LED light source that can be connected directly to the main power supply. All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).  
Anchor bolts to be sourced locally.



# PH 3-2½ Bollard

**Weblink:** 1674

**Design:** Poul Henningsen

**Light Concept:** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades have a matte white painted interior surface, diffusing the light in a comfortable way.

**Finish:** Black, powder coated.

**Material:** Top shade: Spun stainless steel. Middle/lower shade: Spun stainless steel. Shadeholder: Form pressed glass. Post: Stainless steel.

**Mounting:** Terminal block: 1x5x2.5mm<sup>2</sup>. Terminal block positioning: In post. Cable entries: 2x bottom entries Ø 17mm. Looping: Approved, max. 5x2,5mm<sup>2</sup>. Post w/base plate for surface mounting: H: 909mm incl. fixture head.

**Weight:** Max. 7kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source | Finish | Pole/Post         |
|--------------|--------------|--------|-------------------|
| PH32,5-B     | 1x60W E27    | BLK    | POST W/BASE PLATE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Earth anchor to be ordered separately. Anchor bolts to be sourced locally.



# Rubbie LED

**Weblink:** 2653

**Design:** Peter Bysted

**Light Concept :** The fixture emits a round and uniform light distribution due to the internal reflector. A vertical light distribution secures a good face recognition and the feeling of safety. The combination of inner reflector and clear diffuser ensures a wide and glare free light distribution.

**Finish:** Black, rubber.

**Material:** Reflector: metallised polycarbonate. Enclosure: Injection moulded clear polycarbonate. Top: EPDM-rubber. Body: EPDM-rubber.

**Mounting:** Access door: No. Terminal block: 1x5x6mm<sup>2</sup>. Terminal block positioning: In fixture head. Looping: Approved. Max. installation cable: Electric shock protection I: 1 or 2 pcs. 5x6mm<sup>2</sup> or Electric shock protection II: 1 or 2 pcs. 4x6mm<sup>2</sup>. Driver positioning: In fixture head. Earth anchor is ordered separately.

**Weight:** Max. 17.5kg.

**Class:** Ingress protection IP65. Electric shock protection I and II. IK10.



| Product code | Light source                   | Finish | Class   | Lighting control |
|--------------|--------------------------------|--------|---------|------------------|
| RUB-B        | 19W LED 4000K<br>19W LED 3000K | BLK    | I<br>II | NONE<br>DALI     |

**Specification notes**  
The LED driver is integrated in the fixture.  
All LED efficiency information are measured as system power.

**Info notes**  
Earth anchor is ordered separately. Anchor bolts to be sourced locally.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispuulsen.com](http://www.louispuulsen.com).



# Sentry

**Weblink:** 1609

**Design:** William Pye

**Lighting Concept:** The fixture emits glare-free asymmetrical light. It is only 67 cm high, creating a low, intimate lighting atmosphere. The fixture is suitable for entrance and pedestrian areas.

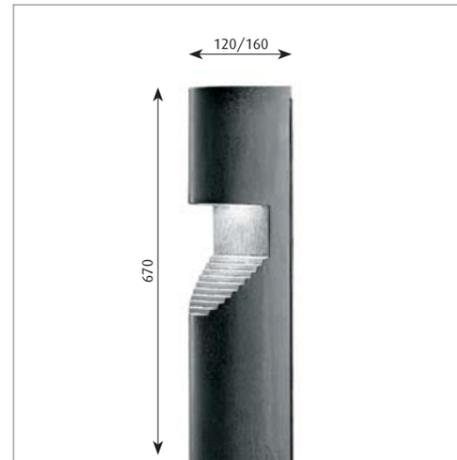
**Finish:** Copper colour or aluminium colour with textured surface.

**Material:** Diffuser: Opal polycarbonate. Housing: Sand cast aluminium.

**Mounting:** Installation: 3x Ø 10mm holes. Mounted directly to finished surface by 3 bolts (not supplied), or a mounting plate for casting into the ground (can be ordered separately). Terminal block: 1x5x4mm<sup>2</sup>. Terminal block positioning: In post. Looping: Approved, max 3x4mm<sup>2</sup>. Ballast positioning: In lower part of the fixture. Max. installation cable: 1 or 2 pcs. 3x4mm<sup>2</sup>. Mounting plate for installation is ordered separately.

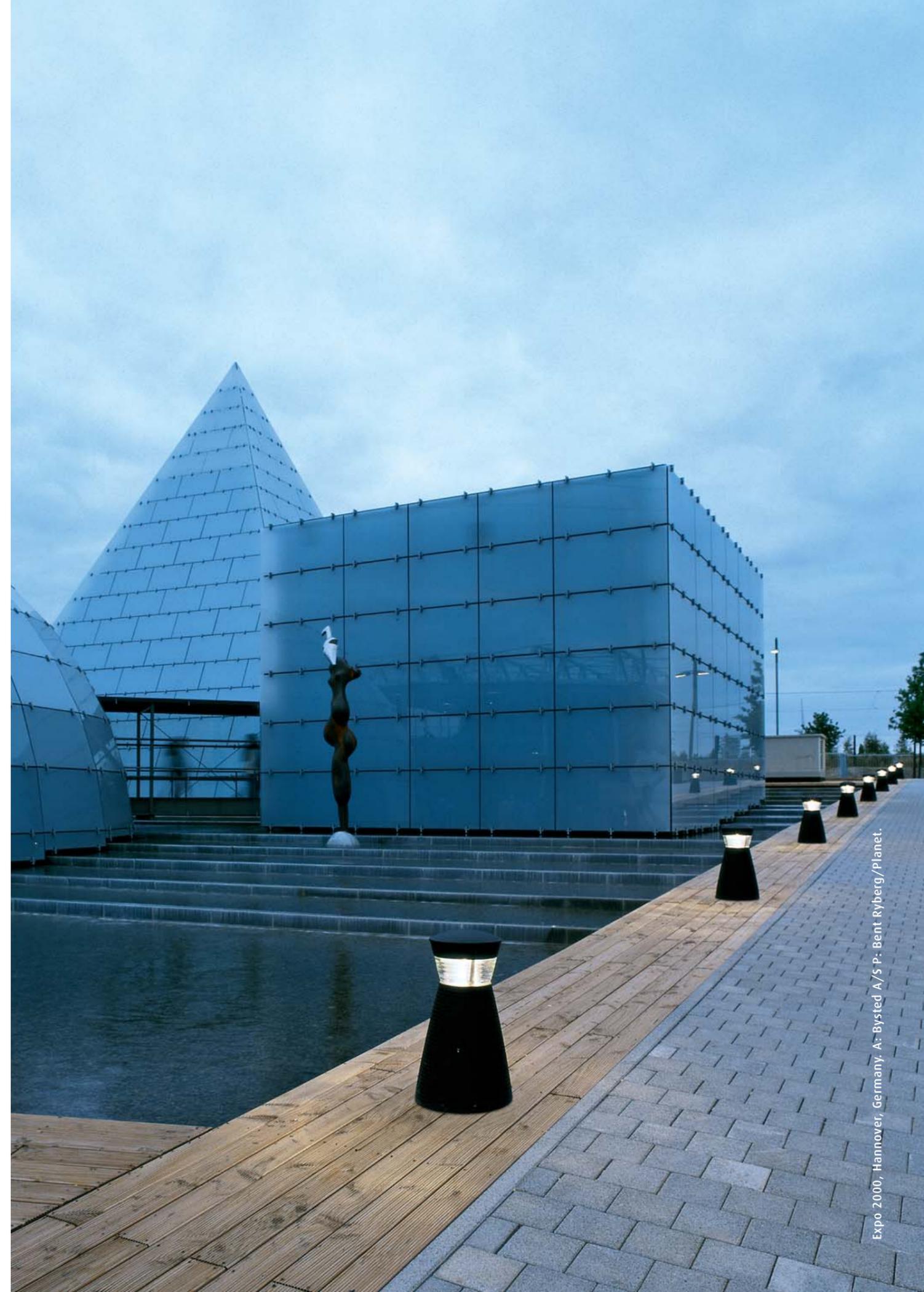
**Weight:** Max. 9kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                   | Finish                  |
|--------------|--------------------------------|-------------------------|
| SEN-B        | 1x35W HIPAR 20 Clear E27 Conv. | ALU COL TEXT<br>COP COL |

**Info notes**  
As an accessory, the Sentry mounting plate can be used prior to casting the concrete foundation. The mounting plate has prefixed anchor bolts. For precast concrete foundation, the bollard post is fixed using expansion anchor bolts or screws. Expansion anchor bolts or screws to be sourced locally.



# Skot Bollard

**Weblink:** 1634

**Design:** LK as

**Lighting Concept:** With an opal screen the fixture emits soft comfortable and symmetric light. With a clear, half shaded screen the fixture emits non-glare symmetric light directed downwards. The half shade helps to channel the light.

**Finish:** Aluminium coloured or graphite with textured surface, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium. U-post: Extruded aluminium.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In fixture head. Looping: Approved, max 4x2,5mm<sup>2</sup>. Ballast positioning: In fixture head. Max. installation cable: 1 pcs. 4x2,5mm<sup>2</sup> or 2 pcs. 4x1,5mm<sup>2</sup>. U-Post f/in-ground installation: H: 1438mm incl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 838mm incl. fixture head. U-Post: W: 326mm. D: 220mm incl. one fixture head. D: 331mm with 2 fixture heads.

**Weight:** Max. 11kg.

**Class:** Ingress protection IP66. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source  | Finish                | Shield/Diffuser  | Mounting         | Pole/Post  |
|--------------|---|-----------------------|--|------------------|--|
| SKT-B        | 1x10W/13W TC-DEL G24q-1 HF<br>1x18W TC-DEL G24q-2 HF<br>MAX 75W E27 | ALU COL<br>GRAPH TEXT | CLEAR<br>HALF SHADED CLEAR<br>HALF SHADED OPAL<br>OPAL | DOUBLE<br>SINGLE | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
The post is delivered in the same colour as the fixture head. Post supplied without anchor bolts. Anchor bolts to be sourced locally.



# Skot Maxi Bollard

**Weblink:** 1619

**Design:** LK as

**Lighting Concept:** With an opal screen the fixture emits soft comfortable and symmetric light. With a clear half shaded screen the fixture emits non-glare symmetric light directed downwards. The half shade helps to channel the light.

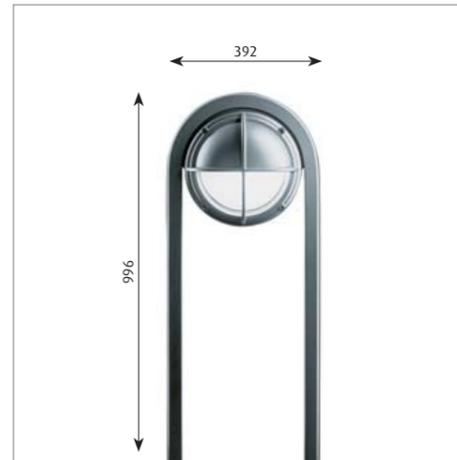
**Finish:** Aluminium coloured or graphite with textured surface, powder coated.

**Material:** Diffuser: Injection moulded clear polycarbonate or injection moulded opal polycarbonate. Base/cross guard: Die cast aluminium. U-post: Extruded aluminium.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In fixture head. Looping: Approved, max 4x2,5mm<sup>2</sup>. Max. installation cable: 1 or 2x4x2,5mm<sup>2</sup>. U-Post f/in-ground installation: H: 1596mm incl. fixture head, in-ground part: 600mm. Post w/base plate for surface mounting: H: 996mm incl. fixture head. U-Post: W: 402mm. D: 274mm incl. one fixture head. D: 405mm with 2 fixture heads.

**Weight:** Max. 23.5kg.

**Class:** Ingress protection IP66. Electric shock protection II w/o ground. Vandal Proof II.



| Product code | Light source                                | Finish                | Shield/Diffuser                               | Mounting         | Pole/Post  |
|--------------|---|-----------------------|---|------------------|--|
| SKT-MA-B     | 1x26W/32W/42W TC-TEL HF<br>1x35W HIE E27 HF | ALU COL<br>GRAPH TEXT | HALF SHADED CLEAR<br>HALF SHADED OPAL<br>OPAL | DOUBLE<br>SINGLE | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Info notes**  
The post is delivered in the same colour as the fixture head. Post supplied without anchor bolts. Anchor bolts to be sourced locally.



Lyngby kirke, Kgs. Lyngby, Danmark. P: Egon Gade.

# Tolddbod 155 Bollard

**Weblink:** 1684

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The light is directed 100% downwards and the shade has a matte white painted interior emitting a soft, diffused, comfortable light.

**Finish:** Aluminium coloured with textured surface or black with textured surface, powder coated.

**Material:** Fixture head: Chilled casting aluminium. Shield: Laser cut acrylic satine. Arm: Chilled casting aluminium. Post: Extruded aluminium.

**Mounting:** Terminal block: 1x5x2.5mm<sup>2</sup>. Cable entries: 2x bottom entries to Ø 17mm. Looping: Approved, max. 5x2,5mm<sup>2</sup>.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source  | Finish                   | Pole/Post         |
|--------------|---------------|--------------------------|-------------------|
| TOL-155-B    | 1x40W D45 E14 | ALU COL TEXT<br>BLK TEXT | POST W/BASE PLATE |

**Specification notes**  
The innovation of light sources is ongoing. Consequently we only inform about the max. wattages. On [www.louispoulsen.com](http://www.louispoulsen.com) we update a list of recommendable light sources.

**Info notes**  
Earth anchor to be ordered separately. Anchor bolts to be sourced locally.



# Waterfront

**Weblink:** 1610

**Design:** Dan Borgen Haslov

**Light Concept:** The fixture emits 100% glare-free downward light. The light distribution is symmetric and soft. The four supports create an comfortable symmetric light pattern at ground level.

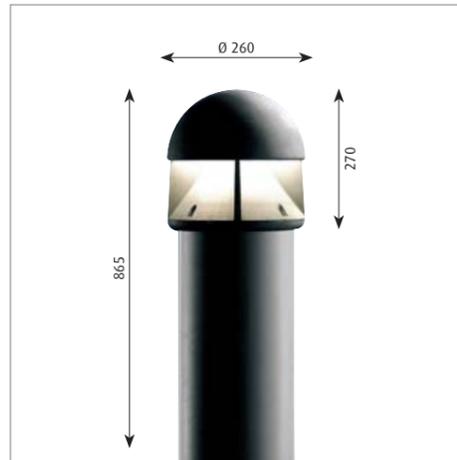
**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Enclosure: Injection moulded clear polycarbonate. Housing: Die cast aluminium. Top: Die cast aluminium. Post: Extruded aluminium. Base plate: Die cast aluminium.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In fixture head. Looping: Approved, max. 5x2,5mm<sup>2</sup>. Ballast positioning: In fixture head. Max. installation cable: 1 or 2x5x2,5mm<sup>2</sup> or depending on installation box. Post f/in-ground installation: H: 1195mm excl. fixture head, in-ground part: 600mm. Post w/ base plate for surface mounting: H: 595mm excl. fixture head. Post dia. 210mm.

**Weight:** Max. 18.5kg.

**Class:** Ingress protection IP55. Electric shock protection I w. ground, II w/o ground. IK 10.



| Product code | Light source   | Finish                     | Class   | Mounting      | Pole/Post  |
|--------------|--|----------------------------|---------|---------------|--|
| WAT-B        | 1x26/32W TC-TEL GX24q-3 HF<br>1x35W HIT G12 Conv.<br>1x70W HIT-CRI G12 Conv. | ALU COL TEXT<br>GRAPH TEXT | I<br>II | W/ACCESS DOOR | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

**Specification notes**  
Post with base plate only available with Class I.

**Info notes**  
The intermediate ring solution is used when the fixture is to be mounted without post directly on a flat surface. The post and intermediate ring are delivered in the same colour as the fixture head. Please contact the sale office if a termination/cut out unit is required. Detailed information about installation and looping possibilities can be found on our Internet page. The fixture is IP55. The bollard pole door is IP44. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally. The fixture is also available in a LED version.



Henne Mølle Å Badehotel, Denmark. A: Poul Henningsen. P: Kaslov Studio.



# Waterfront LED

Weblink: 2697

Design: Dan Borgen Hasløv

**Light Concept:** The fixture emits 100% glare-free downward light. The light distribution is symmetric and soft. The four supports create a comfortable symmetric light pattern at ground level.

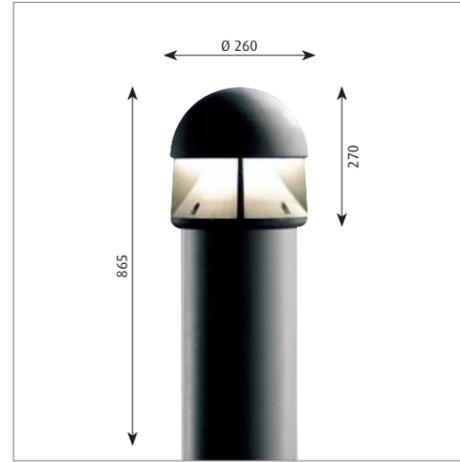
**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Enclosure: Injection moulded clear polycarbonate. Housing: Die cast aluminium. Top: Die cast aluminium. Post: Extruded aluminium. Base plate: Die cast aluminium.

**Mounting:** In-ground struts: Yes. Terminal block positioning: In fixture head. Looping: Approved, max 5x2,5mm<sup>2</sup>. Ballast positioning: In fixture head. Max. installation cable: 1 or 2x5x2,5mm<sup>2</sup> or depending on installation box. Post f/in-ground installation: H: 1195mm excl. fixture head, in-ground part: 600mm. Post w/ base plate for surface mounting: H: 595mm excl. fixture head. Post dia. 210mm.

**Weight:** Max. 18.5kg.

**Class:** Ingress protection IP55. Electric shock protection I w. ground, II w/o ground. IK10.



| Product code | Light source  | Finish                     | Class   | Mounting      | Pole/Post  |
|--------------|---------------|----------------------------|---------|---------------|--|
| WAT-B        | 35W LED 4000K | ALU COL TEXT<br>GRAPH TEXT | I<br>II | W/ACCESS DOOR | POST F/IN-GROUND INSTALLATION<br>POST W/BASE PLATE |

Specification notes  
All LED efficiency information are measured as system power.

Info notes  
The intermediate ring solution is used when the fixture is to be mounted without post directly on a flat surface. The post and intermediate ring are delivered in the same colour as the fixture head.  
Please contact the sale office if a termination/cut out unit is required. Detailed information about installation and looping possibilities can be found on our Internet page. The fixture is IP55. The bollard pole door is IP44. Post for base plate installation is supplied without anchor bolts. Anchor bolts to be sourced locally.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



Helsingborg, Sweden. P: Anders Sune Berg.

# post

- 258 • Albertslund Maxi Post/Orbiter Maxi Post
- 258 • Albertslund Mini Post/Orbiter Mini Post
- 260 • Albertslund Mini Post LED/Orbiter Mini Post LED
- 260 • F+P Post LED
- 262 • Kipp Post
- 262 • Kipp Post LED
- 264 • Kipp Post Cut Off
- 264 • Kipp Post Cut Off LED
- 266 • LP Hint
- 266 • LP Icon Mini Basic Post
- 268 • LP Icon Mini Opal Post
- 268 • LP Nest
- 270 • LP Nest LED
- 270 • Nyhavn Park Post
- 258 • Orbiter Maxi Post/Albertslund Maxi Post
- 258 • Orbiter Mini Post/Albertslund Mini Post
- 260 • Orbiter Mini Post LED/Albertslund Mini Post LED
- 272 • Planet Post
- 272 • Terminal
- 274 • Toldbod 290 Post
- 276 • Poles

# posts

|  |  |  |   |   |
|--|--|--|---|---|
|  <p>Albertslund Maxi<br/>Post/Orbiter Maxi<br/>Post • 258</p> |  <p>Albertslund Mini<br/>Post/Orbiter Mini<br/>Post • 258</p> |  <p>Albertslund Mini<br/>Post LED/Orbiter<br/>Mini Post LED • 260</p> |  <p>F+P Post LED<br/>• 260</p>       |  <p>Kipp Post<br/>• 262</p>                |
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# Albertslund Maxi Post/orbiter Maxi Post

**Weblink:** 1598

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture emits symmetrical glare-free light directed downwards. The top shade helps direct the light downwards and prevent light from being emitted upwards. The white painted reflectors result in diffuse and comfortable light distribution.

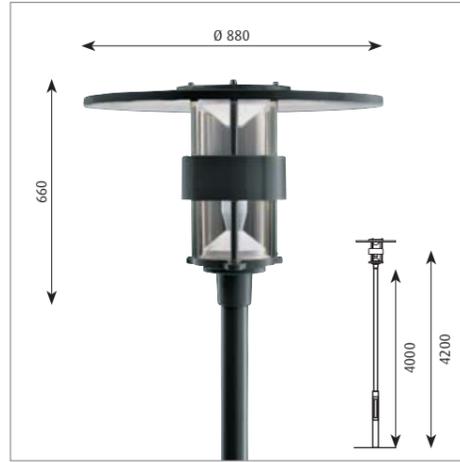
**Finish:** Aluminium coloured with textured surface, graphite with textured surface or grey, powder coated.

**Material:** Top shade: Form pressed glass fibre. Enclosure: Injection moulded clear polycarbonate. Anti glare ring: Injection moulded polycarbonate. Base: Die cast aluminium. Struts: Stainless steel.

**Mounting:** Pole dimension: Ø 76mm. Installation cable: 5m 3x1,5mm<sup>2</sup> (Class I) or 5m 2x1,5mm<sup>2</sup> (Class II). Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast positioning: In fixture head.

**Weight:** Max. 14.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. IK08.



| Product code | Light source  | Finish                             | Class   | Shield/Diffuser | Decor part                                |
|--------------|---|------------------------------------|---------|-----------------|---|
| ALB-MA-PT    | 1x26W/32W/42W TC-TEL HF<br>1x57W TC-TEL GX24q-5 HF<br>1x70W HIE/HIT (CRI) E27 Conv.<br>1x100W HIE/HIT (CRI) E40 Conv. | ALU COL TEXT<br>GRAPH TEXT<br>GREY | I<br>II | CLEAR           | OPAL/WHT SOCKET COVER<br>WHT SOCKET COVER |

**Specification notes**  
57W TC-TEL has an opal/white socket cover. 26/32/42W TC-TEL and HIE/HIT have a white socket cover.

**Info notes**  
For the HIE/HIT versions it is also possible to use HSE/HST light sources. Transition pieces for Ø 60mm and Ø 70mm pole can be bought as accessory parts. Mounting: for pole Ø 76 mm.



# Albertslund Mini Post/orbiter Mini Post

**Weblink:** 1599

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture emits symmetrical glare-free light directed downwards. The top shade helps direct the light downwards and prevent light from being emitted upwards. The white painted reflectors result in diffuse and comfortable light distribution.

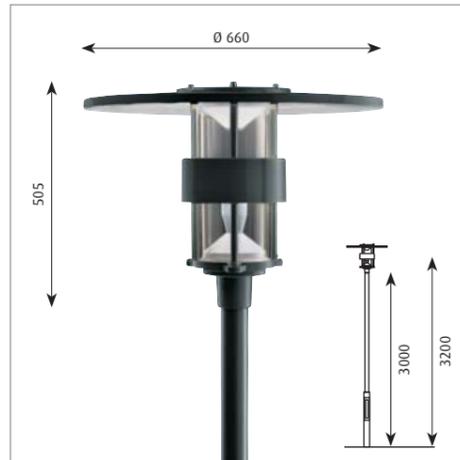
**Finish:** Aluminium coloured with textured surface, graphite with textured surface or grey, powder coated.

**Material:** Top shade: Form pressed glass fibre. Enclosure: Injection moulded clear polycarbonate. Heat sink: Die cast aluminium. Base: Die cast aluminium. Struts: Stainless steel.

**Mounting:** Pole dimension: Ø 60mm. Installation cable: 4m 3x1,5mm<sup>2</sup> (Class I) or 4m 2x1,5mm<sup>2</sup> (Class II). Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast positioning: In fixture head.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. IK08.



| Product code | Light source   | Finish                             | Class   | Shield/Diffuser | Decor part                                |
|--------------|--|------------------------------------|---------|-----------------|---|
| ALB-MI-PT    | 1x26W/32W/42W TC-TEL HF<br>1x50/70W HIE/HIT(CRI) E27 Conv. | ALU COL TEXT<br>GRAPH TEXT<br>GREY | I<br>II | CLEAR           | OPAL/WHT SOCKET COVER<br>WHT SOCKET COVER |

**Specification notes**  
TC-TEL has an opal/white socket cover. HIE/HIT has white socket cover. Albertslund Mini Post is also available in a LED version.

**Info notes**  
For the HIE/HIT versions it is also possible to use HSE/HST light sources. Mounting: for pole Ø 60 mm.



Murase Plaza Memorial Park, Wilsonville, OR, USA. A: Hennebery Eddy Architects. E: PAE Consulting Engineers. P: Frank Domin.

# Albertslund Mini Post LED / Orbiter Mini Post LED

**Weblink:** 2716

**Design:** Jens Møller-Jensen

**Light Concept:** The fixture emits symmetrical glare-free light directed downwards. The top shade helps direct the light downwards and prevent light from being emitted upwards. The white painted reflectors result in diffuse and comfortable light distribution.

**Finish:** Aluminium coloured with textured surface, graphite with textured surface or grey, powder coated.

**Material:** Top shade: Form pressed glass fibre. Enclosure: Injection moulded clear polycarbonate. Anti glare ring: Injection moulded polycarbonate. Base: Die cast aluminium. Struts: Aluminium.

**Mounting:** Pole dimension: Ø 60mm. Installation cable: 4m 3x1,5mm<sup>2</sup> (Class I) or 4m 2x1,5mm<sup>2</sup> (Class II). Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. LED driver: In fixture head.

**Weight:** Max. 7.5kg.

**Class:** Ingress protection IP65. Electric shock protection I w. ground, II w/o ground. IK10.



| Product code  | Light source                   | Finish                             | Class   |
|---------------|--------------------------------|------------------------------------|---------|
| ALB-MI-PT-LED | 53W LED 3000K<br>53W LED 4000K | ALU COL TEXT<br>GRAPH TEXT<br>GREY | I<br>II |

**Specification notes**  
The LED driver is integrated in the fixture.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



# F+P Post LED

**Weblink:** 2692

**Design:** Foster + Partners

**Light Concept:** The fixture emits a symmetrical downlight. The opal cone is white painted on the inside and ensures an even and diffuse light, free from obtrusive glare. The glowing effect of the outside of the cone helps reducing the contrasts. The polished edges of the cylinder glow and hence clarify the shape of the fixture.

**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Housing: Die cast aluminium, Enclosure: Extruded clear acrylic with polished edges.

**Mounting:** Pole dimension: Ø60mm or Ø76mm. Installation cable: 4m, 2x1mm<sup>2</sup> (Class II) or 4m, 3x1mm<sup>2</sup> (Class I). Terminal block: 1x3x2,5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast positioning: In fixture head.

**Weight:** Max. 10kg.

**Class:** Ingress protection IP65. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source   | Finish                     | Class   | Mounting     |
|--------------|--|----------------------------|---------|--------------|
| F+P-PT       | 57W LED 3000K<br>57W LED 3000K DIM<br>57W LED 4000K<br>57W LED 4000K DIM | ALU COL TEXT<br>GRAPH TEXT | I<br>II | Ø 60<br>Ø 76 |

**Specification notes**  
The LED driver is integrated in the fixture.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



Victoria Gasteiz, Spain. P: Paul Kozłowski.

# Kipp Post

**Weblink:** 1618

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Top shade: White or black, injection moulded ASA. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium.

**Mounting:** Pole dimension: Ø 60mm (QL version: Ø 115mm). Installation cable: 4m, 3x1mm<sup>2</sup> (Class I) or 4m, 2x1mm<sup>2</sup> (Class II). Terminal block: 1x2x2.5mm<sup>2</sup> or 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixturehead (QL version: In pole top). Ballast positioning: In fixturehead (QL version: In pole top).

**Weight:** Max. 10.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. Vandal Proof II. IK10.



| Product code | Light source   | Finish                     | Class   | Shield/Diffuser | Shade      | Mounting                             |
|--------------|--|----------------------------|---------|-----------------|------------|--------------------------------------|
| KIP-PT       | 1x26W/32W/42W TC-TEL HF<br>1x50W/70W HIE E27 Conv.<br>1x70W HIT G12 HF<br>1x150W HIE E27 Conv.<br>1x85W QL 2700 K HF | ALU COL TEXT<br>GRAPH GREY | I<br>II | CONICAL         | BLK<br>WHT | Ø 115 POLE<br>Ø 60 POLE<br>Ø 76 POLE |

**Specification notes**  
QL versions are only available for Ø 115mm pole as standard (supplied including transition piece). Transition pieces for Ø 60/90mm or Ø 60/115mm poles to be bought as accessories. The QL and 150W HIE versions are only available in class I. Aluminium colour versions are supplied with white top shade and graphite grey versions are supplied with black top shade. Kipp Post is also available in a LED version.

**Info notes**  
The control gear is placed in the fixture head except for QL versions where it is placed in the top of the pole. For the 50/70W HIE version it is also possible to use HSE lightsources. Mounting: for pole Ø 60 mm. (QL version Ø 115 mm). A Retro Fit Kit is available for updating conventional Kipp variants to become a LED variant.



# Kipp Post LED

**Weblink:** 2687

**Design:** Alfred Homann

**Light Concept:** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Top shade: White or black, injection moulded ASA. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium.

**Mounting:** Pole dimension: Ø 60mm. LED driver: In post. Installation cable: 0,6m, 3x0,75mm<sup>2</sup> (Class I) or 0,6m, 2x0,75mm<sup>2</sup> (Class II).

**Weight:** Max. 12.4kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. Vandal Proof II. IK10.



| Product code | Light source                   | Finish                     | Class   | Shield/Diffuser | Shade      | Mounting                             |
|--------------|--------------------------------|----------------------------|---------|-----------------|------------|--------------------------------------|
| KIP-PT-LED   | 58W LED 3000K<br>58W LED 4000K | ALU COL TEXT<br>GRAPH GREY | I<br>II | CONICAL         | BLK<br>WHT | Ø 60 POLE<br>Ø 76 POLE<br>Ø 115 POLE |

**Specification notes**  
Aluminium colour versions are supplied with white top shade and graphite grey versions are supplied with black top shade. Transition pieces for Ø 60/90mm or Ø 60/115mm poles to be bought as accessories. The LED driver is integrated in the post. All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com). A Retro Fit Kit is available for updating conventional Kipp variants to become a LED variant.



Miami Yacht Club, Miami, FL, USA. P: Carlos Domenech.



# Kipp Cut Off Post

**Weblink:** 1618

**Design:** Alfred Homann

**Lighting Concept:** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser together with the slightly curved top shade ensures a wide band of glare-free, uniform lighting.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Top shade: White, injection moulded ASA. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium.

**Mounting:** Pole dimension: Ø 60mm (QL version: Ø 115mm). Installation cable: 4m, 3x1mm<sup>2</sup> (Class I) or 4m, 2x1mm<sup>2</sup> (Class II). Terminal block: 1x2x2.5mm<sup>2</sup> or 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixturehead (QL version: In pole top). Ballast positioning: In fixturehead (QL version: In pole top).

**Weight:** Max. 10.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. Vandal Proof II. IK10.



| Product code | Light source   | Finish                     | Class   | Shield/Diffuser | Shade      | Mounting                |
|--------------|--|----------------------------|---------|-----------------|------------|-------------------------|
| KIP-CO-PT    | 1x26W/32W/42W TC-TEL HF<br>1x50W/70W HIE E27 Conv.<br>1x70W HIT G12 HF<br>1x150W HIE E27 Conv.<br>1x85W QL 2700 K HF | ALU COL TEXT<br>GRAPH GREY | I<br>II | WHT CUT-OFF     | BLK<br>WHT | Ø 115 POLE<br>Ø 60 POLE |

**Specification notes**  
QL versions are only available for Ø 115mm pole as standard (supplied including transition piece). Transition pieces for Ø 60/90mm or Ø 60/115mm poles to be bought as accessories. The QL and 150W HIE versions are only available in class I. Aluminium colour versions are supplied with white top shade and graphite grey versions are supplied with black top shade.

**Info notes**  
The control gear is placed in the fixture head except for QL versions where it is placed in the top of the pole. For the 50/70W HIE version it is also possible to use HSE light-sources. Mounting: for pole Ø 60 mm. (QL version Ø115 mm). A Retro Fit Kit is available for updating conventional Kipp variants to become a LED variant.



# Kipp Cut Off Post LED

**Weblink:** 2687

**Design:** Alfred Homann

**Lighting Concept:** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser together with the slightly curved top shade ensures a wide band of glare-free, uniform lighting.

**Finish:** Aluminium coloured with textured surface or graphite grey, powder coated.

**Material:** Top shade: White, injection moulded ASA. Enclosure: Injection moulded clear polycarbonate. Frame: Die cast aluminium.

**Mounting:** Pole dimension: Ø 60mm. LED driver: In post. Installation cable: 0,6m, 3x0,75mm<sup>2</sup> (Class I) or 0,6m, 2x0,75mm<sup>2</sup> (Class II).

**Weight:** Max. 12.4kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. Vandal Proof II. IK10.



| Product code  | Light source                   | Finish                     | Class   | Shield/Diffuser | Shade      | Mounting                |
|---------------|--------------------------------|----------------------------|---------|-----------------|------------|-------------------------|
| KIP-CO-PT-LED | 60W LED 3000K<br>60W LED 4000K | ALU COL TEXT<br>GRAPH GREY | I<br>II | WHT CUT-OFF     | BLK<br>WHT | Ø 60 POLE<br>Ø 115 POLE |

**Specification notes**  
Aluminium colour versions are supplied with white top shade and graphite grey versions are supplied with black top shade. Transition pieces for Ø 60/90mm or Ø 60/115mm poles to be bought as accessories.  
The LED driver is integrated in the post.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).  
A Retro Fit Kit is available for updating conventional Kipp variants to become a LED variant.



# LP Hint

**Weblink:** 2178

**Design:** Helena Tatjana Eliason

**Light Concept:** The fixture emits light directed mainly downwards. The fixture is available in three diffuser variants. The basic and dome versions have a clear diffuser and have a 100% downward light distribution. The opal version has an opal acrylic top which helps to illuminate the actual fixture while also functioning as a directional marker. Furthermore the opal version is also available with an acrylic lower shade which emits a glowing decorative lighting effect.

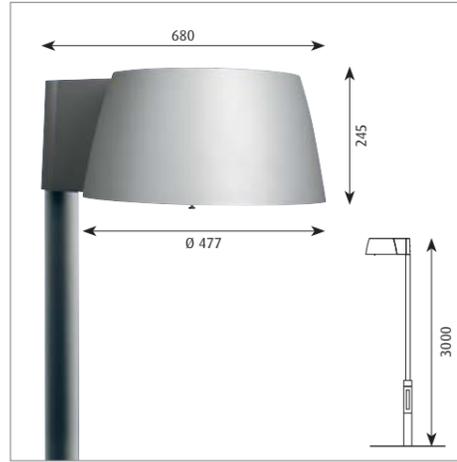
**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Housing: Die cast aluminium. Shade: High pressure moulded acrylic. Reflector: Metallized, high pressure moulded polycarbonate. Diffuser: toughened clear glass with silk screen print.

**Mounting:** Pole dimension: Ø 115mm or Ø 60mm. Installation cable: 5m, 2x1,5mm<sup>2</sup> or 5m, 3x1,5mm<sup>2</sup>. Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast positioning: In fixture head.

**Weight:** Max. 16kg.

**Class:** Ingress protection IP65 (Opal with shade) or IP66 (Basic & Opal). Electric shock protection I w. ground, II w/o ground.



| Product code | Light source  | Finish       | Class   | Light technique                  | Mounting                |
|--------------|---|--------------|---------|----------------------------------|-------------------------|
| LP-HINT-PT   | 1x26W/32W/42W TC-TEL HF<br>1x57W TC-TEL GX24q-5 HF<br>1x70W HIE/HIT (CRI) E27 Conv. | ALU COL TEXT | I<br>II | BASIC<br>OPAL<br>OPAL WITH SHADE | Ø 115 POLE<br>Ø 60 POLE |

**Info notes**  
Post top Ø 76 to be ordered separately. To achieve optimum asymmetrical light tubular light sources (HIT) are recommended. For the HIE/HIT versions it is also possible to use HSE/HST lightsources.



# LP Icon Mini Basic Post

**Weblink:** 1641

**Design:** Mads Odgård

**Light Concept:** The fixture provides mainly direct downward illumination. In the basic version the shade is opaque. Depending on the choice of reflector, the downward lighting characteristics will vary. The reflector types have been designed in three variations to provide either asymmetrical or symmetrical distributions of light.

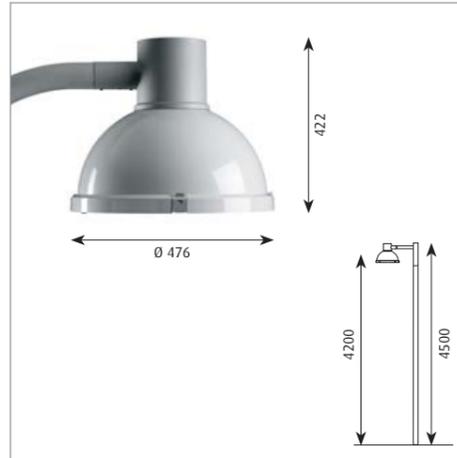
**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Shade: Grey, high pressure moulded ASA. Reflector: Metallized, high pressure moulded polycarbonate. Diffuser: Toughened clear glass. Housing: Die cast aluminium.

**Mounting:** Fitting/pipe stub dimensions: Ø 48mm or wire suspension. Installation cable: Sidemounted version: 9m, 3x1,5mm<sup>2</sup> (Class I) or 9m, 2x1,5mm<sup>2</sup> (Class II). Topmounted version: No cable. Terminal block: 1x3x2.5mm<sup>2</sup>. Ballast positioning: In fixture head. Looping: Approved in topmounted variant, max 3x1,5mm<sup>2</sup>.

**Weight:** Max. 9.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source   | Finish       | Class   | Mounting                    | Lighting control    |
|--------------|--|--------------|---------|-----------------------------|---------------------|
| ICO-MI-BA-PT | 1x26W/32W/42W TC-TEL HF<br>1x35W HIE/HIT E27 Conv.<br>1x57W TC-TEL GX24q-5 HF<br>1x50/70W HIE/HIT (CRI) E27 Conv<br>1x100W HIE/HIT (CRI) E40 Conv. | ALU COL TEXT | I<br>II | SIDE-MOUNTED<br>TOP-MOUNTED | NONE<br>SMART LIGHT |

**Info notes**  
The fittings can on request be delivered with shading louvre. The fittings can on request be delivered with bottom glass in clear, serigraphed or matt glass. To achieve optimum asymmetrical light distribution tubular light sources (HIT) are recommended. Mounting: Side-mounted: For Ø 48mm, pipe stub min. 100mm or top mounted with wire. Top mounted: For 3/4" pipe thread min. 34 mm. Pole and suspension to be ordered separately. For the HIE/HIT versions it is also possible to use HSE/HST lightsources.



# LP Icon Mini Opal Post

**Weblink:** 1642

**Design:** Mads Odgård

**Light Concept:** The fixture provides mainly direct downward illumination. In the opal version the shade is lit up from within and creates a soft diffuse upwards light. Depending on the choice of reflector, the downward lighting characteristics will vary. The reflector types have been designed in three variations to provide either asymmetrical or symmetrical distributions of light.

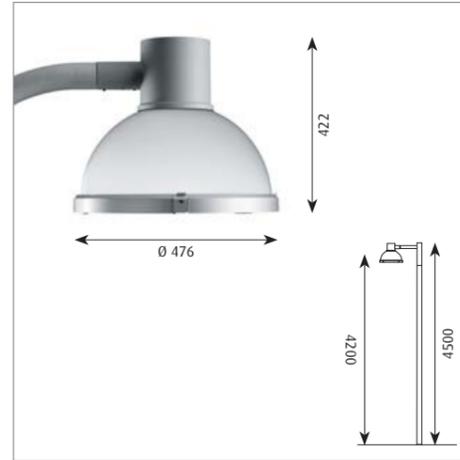
**Finish:** Aluminium coloured with textured surface, powder coated.

**Material:** Shade: High pressure moulded white opal acrylic. Reflector: Metallized, high pressure moulded polycarbonate. Diffuser: Toughened clear glass with silk screen print. Housing: Die cast aluminium.

**Mounting:** Fitting/pipe stub dimensions: Ø 48mm or wire suspension. Installation cable: Sidemounted version: 9m, 3x1,5mm<sup>2</sup> (Class I) or 9m, 2x1,5mm<sup>2</sup> (Class II). Topmounted version: No cable. Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Looping: Approved in topmounted variant, max. 3x1,5mm<sup>2</sup>. Ballast positioning: In fixture head.

**Weight:** Max. 9.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code  | Light source   | Finish       | Class   | Mounting                    | Lighting control    |
|---------------|--|--------------|---------|-----------------------------|---------------------|
| ICO-MIN-OP-PT | 1x26W/32W/42W TC-TEL HF<br>1x35W HIE/HIT E27 Conv.<br>1x57W TC-TEL GX24q-5 HF<br>1x50/70W HIE/HIT(CRI) E27 Conv. | ALU COL TEXT | I<br>II | SIDE-MOUNTED<br>TOP-MOUNTED | NONE<br>SMART LIGHT |

**Info notes**  
The fittings can on request be delivered with shading louvre. The fittings can on request be delivered with bottom glass in clear, serigraphed or matt glass. To achieve optimum asymmetrical light distribution tubular light sources (HIT) are recommended. Mounting: Side-mounted: For Ø 48mm, pipe stub min. 100mm or top mounted with wire. Top mounted: For 3/4" pipe thread min. 34 mm. Pole and suspension to be ordered separately. For the HIE/HIT versions it is also possible to use HSE/HST lightsources.



# LP Nest

**Weblink:** 2543

**Design:** Bystrup Architects

**Light Concept:** The fixture emits an indirect, soft and symmetrical light. Reflections in the "lattice" create an attractive play of light within the fixture.

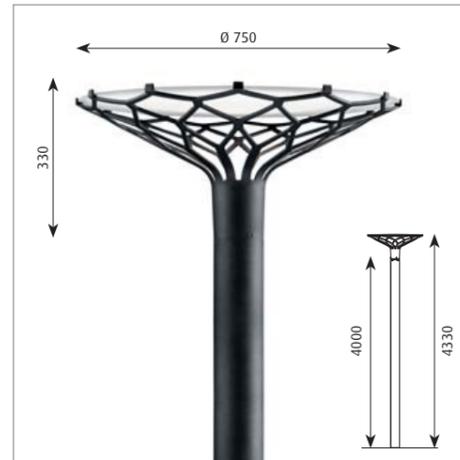
**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Frame/Louvre: High pressure moulded aluminium. Top shade: Spun aluminium. Reflector: Anodised aluminium. Enclosure: Clear glass.

**Mounting:** Pole dimension: Ø 115mm. Terminal block: 1x3x2,5mm<sup>2</sup> (Class I) or 1x2x2,5mm<sup>2</sup> (Class II). Terminal block positioning: Under the fixturehead console. Ballast positioning: Upper Poletop.

**Weight:** Max. 8kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source                          | Finish                     | Class   |
|--------------|---------------------------------------|----------------------------|---------|
| LPNEST-PT    | 1x70W HIT G12 HF<br>1x150W HIT G12 HF | ALU COL TEXT<br>GRAPH TEXT | I<br>II |

**Specification notes**  
LP Nest is also available in a LED version.

**Info notes**  
Poles must be ordered separately. Mounting for pole Ø 115.



Eastside Cannery Hotel & Casino, Las Vegas, NV, USA - A. Klai Juba Architects. P. Saari & Forrai Photography.

# LP Nest LED

**Weblink:** 2682

**Design:** Bystrup Architects

**Light Concept:** The fixture emits an indirect, soft and symmetrical light. Reflections in the "lattice" create an attractive play of light within the fixture.

**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Frame/Louvre: High pressure moulded aluminium. Top shade: Spun aluminium. Reflector: Anodised aluminium. Enclosure: Clear glass.

**Mounting:** Pole dimension: Ø 115mm. Terminal block: 1x3x2,5mm<sup>2</sup> (Class I) or 1x2x2,5mm<sup>2</sup> (Class II). Terminal block positioning: Under the fixturehead console. Ballast positioning: Upper Poletop.

**Weight:** Max. 8kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source                   | Finish                     | Class   |
|--------------|--------------------------------|----------------------------|---------|
| LPNEST-PT    | 59W LED 3000K<br>59W LED 4000K | ALU COL TEXT<br>GRAPH TEXT | I<br>II |

**Specification notes**  
The LED driver is integrated in the post.  
All LED efficiency information are measured as system power.

**Info notes**  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).  
Poles must be ordered separately. Mounting for pole Ø 115.



# Nyhavn Park Post

**Weblink:** 1597

**Design:** Alfred Homann

**Light Concept:** The conical shade ensures comfortable light that is directed downwards in a wide beam. The shade interior has a white matte painted surface, ensuring uniform light distribution. The rings ensure that a stray light is controlled, and direct a small amount of light onto the top side of the shade for self-illumination.

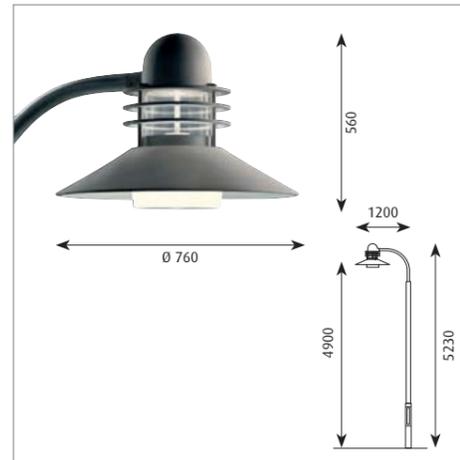
**Finish:** Metallic.

**Material:** Shade: Spun aluminium. Enclosure: Light grey, injection moulded polycarbonate or injection moulded opal polycarbonate. Rings: Die cast aluminium. Top: Die cast aluminium.

**Mounting:** Fitting/pipe stub dimensions: Ø 42x65mm. Installation cable: 6m 3x1mm<sup>2</sup>. Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast: Yes. Ballast positioning: In fixturehead.

**Weight:** Max. 11.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                  | Finish       | Class | Shield/Diffuser |
|--------------|-------------------------------|--------------|-------|-----------------|
| NYHPA-PT     | 1X70W HIE/HIT (CRI) E27 Conv. | ALU COL TEXT | I     | GREY<br>OPAL    |



# Planet Post

Weblink: 2564

Design: Jens Møller-Jensen

**Light Concept:** The fixture emits symmetrical light directed primarily downwards due to two reflector rings. However, the rings also permit some light to pass upwards, illuminating the fixture. The anti-glare ring prevents from horizontal glare. The diffuser is available either as clear, opal or partly frosted depending on the desired light source to prevent from vertical glare.

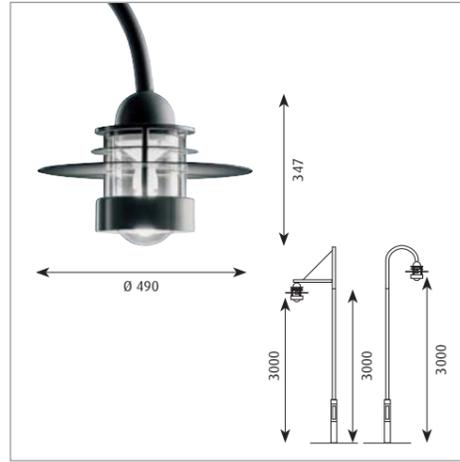
**Finish:** Aluminium coloured with textured surface or white, powder coated.

**Material:** Enclosure: Injection moulded partly frosted acrylic. Saturn ring: Punched aluminium. Anti glare ring: Spun aluminium. Top: Die cast aluminium.

**Mounting:** Fitting/pipe stub dimensions: Ø 42.4mm. Terminal block: 1x3x2.5mm<sup>2</sup> (TC-TEL) or 1x4x2.5mm<sup>2</sup> (HIE-CRI). Terminal block positioning: In fixture head. Cable entries: 1 in top for Ø 8mm. Ballast positioning: In fixture head.

**Weight:** Max. 6.5kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground.



| Product code | Light source                                       | Finish              | Class | Shield/Diffuser |
|--------------|--|---------------------|-------|-----------------|
| PLAN-PT      | 1x42W TC-TEL GX24q-4 HF<br>1x70W HIE-CRI E27 Conv. | ALU COL TEXT<br>WHT | I     | PART FROSTED    |

**Specification notes**  
TC-TEL and HIE-CRI versions are supplied with partly frosted diffuser to avoid undesirable glare. The TC-TEL Version has an acrylic diffuser. The HIE versions has a polycarbonate diffuser due to high temperature.

**Info notes**  
Please note that Louis Poulsen Lighting's pole arm solutions must be used to obtain product warranty. Pole arms with curved or triangular design Ø 60mm poles to be ordered separately; pole arms are fitted with 6m installation cable.



# Terminal

Weblink: 1602

Design: Jens Ammundsen, Vilhelm Lauritzen A/S & Jens Gudum, Jens Gudum ApS

**Light Concept:** The fixture provides an indirect and soft illumination. The choice and placement of a point light source ensures that the narrow beam illumination is being redirected by the small reflector optic in the center of the top shade. This has been carefully designed in three variants to provide either symmetric, oval or forward throw distribution.

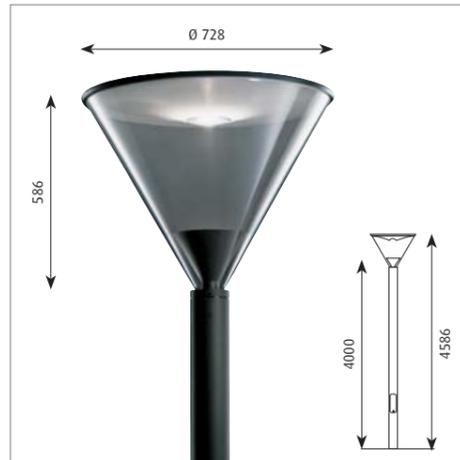
**Finish:** Aluminium coloured with textured surface or graphite with textured surface, powder coated.

**Material:** Top shade: Dark grey or light grey, aluminium. Reflector: Anodised aluminium and white painted aluminium. Bottom reflector: Spun aluminium. Enclosure: Vacuum formed clear polycarbonate. Base: Die cast aluminium.

**Mounting:** Pole dimension: Ø 115mm. Terminal block: 1x3x2.5mm<sup>2</sup> (Class I) or 1x2x2.5mm<sup>2</sup> (Class II). Terminal block positioning: Under the fixturehead console. Ballast positioning: Upper Poletop.

**Weight:** Max. 8kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground, II w/o ground.



| Product code | Light source                          | Finish                     | Class   | Light technique                     |
|--------------|---------------------------------------|----------------------------|---------|-------------------------------------|
| TER-PT       | 1x70W HIT G12 HF<br>1x150W HIT G12 HF | ALU COL TEXT<br>GRAPH TEXT | I<br>II | ASYM PARK<br>ASYM STREET<br>ROT SYM |

**Info notes**  
There are three different reflectors, rotation symmetric, asymmetric street and asymmetric parc. Designed for a standard steel pole Ø 114.3mm with a wall thickness of 3.2mm (DIN 24 58-1626). Aluminium poles Ø 115mm can be ordered as accessory parts. Terminal/fuse box is not supplied together with the accessory aluminium poles and must be ordered separately. Mounting: for pole Ø 115 mm.



# Tolbod 290 Post

**Weblink:** 1582

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The light is directed 100% downwards and the shade has a matte white painted interior emitting a soft, diffused, comfortable light.

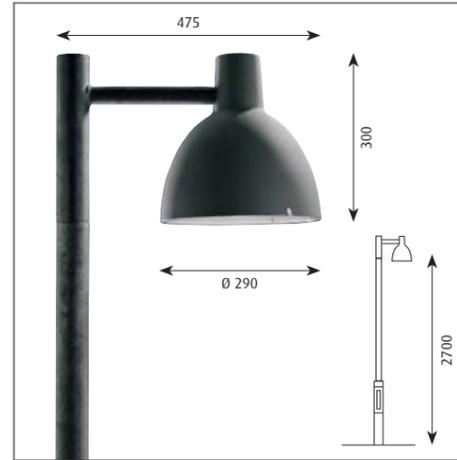
**Finish:** Aluminium coloured with textured surface or black with textured surface, powder coated.

**Material:** Fixture head: Die cast aluminium. Shield: Injection moulded clear polycarbonate. Pole top: Galvanized, steel.

**Mounting:** Pole dimension: Ø 48mm or Ø 60mm. Installation cable: 3,5m 3x1mm<sup>2</sup> (Class I) or 3,5m 2x1mm<sup>2</sup> (Class II). Terminal block: 1x3x2.5mm<sup>2</sup>. Terminal block positioning: In fixture head. Ballast: Yes (only class I). Ballast positioning: In fixturehead (26W/32W/42W TC-TEL).

**Weight:** Max. 6kg.

**Class:** Ingress protection IP44. Electric shock protection I w. ground, II w/o ground.



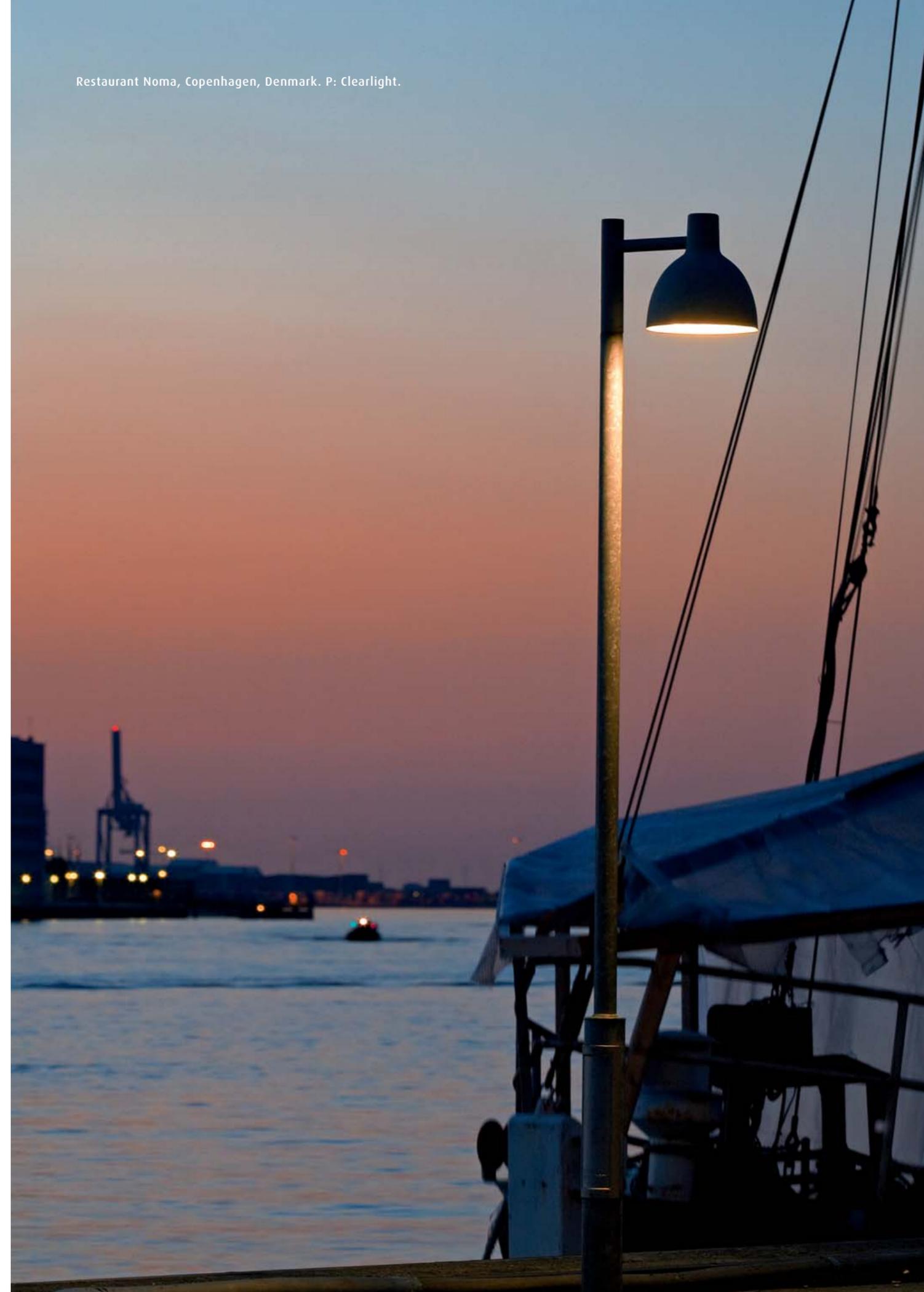
| Product code | Light source   | Finish                   | Class   | Post top              | Mounting               |
|--------------|--|--------------------------|---------|-----------------------|------------------------|
| TOL-PT       | 1x26W/32W/42W TC-TEL HF<br>1x70W HIE/HIT (CRI) E27 Conv.<br>Vap. lamps 13175 | ALU COL TEXT<br>BLK TEXT | I<br>II | GALVANIZED<br>PAINTED | Ø 48 POLE<br>Ø 60 POLE |

**Specification notes**  
Vap. lamps 13175 can be fitted with 70W HSE-E E27.

**Info notes**  
Approved for vapour lamps up to 70W HSE-E. For class I and II incandescent and vapour lamp versions, please order the "vap. lamps" version and note that control gear for these versions is not supplied as standard and must be ordered separately and placed in the pole. Fixture heads without pole are available for Ø 48mm or Ø 60mm poles. For fixture complete with Ø 60mm pole: choose "for Ø 48mm pole" (pole stub); outer pole dimension is Ø 60mm. Please note that for the aluminium colored version both the pole top, arm and the pole itself are galvanised. Galvanised surfaces will oxidise and form a thin zinc-oxide layer on the surface over time. This can result in an inconsistent surface finish during oxidation. This process might have begun already during stocking/transportation. The formed zinc-oxide layer protects the galvanizing against additional corrosion.



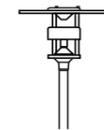
Restaurant Noma, Copenhagen, Denmark. P: Clearlight.





## steel poles

To be used with products below. For more info about steel poles, please contact Louis Poulsen



Albertslund  
Maxi Post



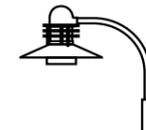
Albertslund  
Mini Post



Kipp Post



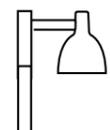
LP Hint



Nyhavn Park  
Post



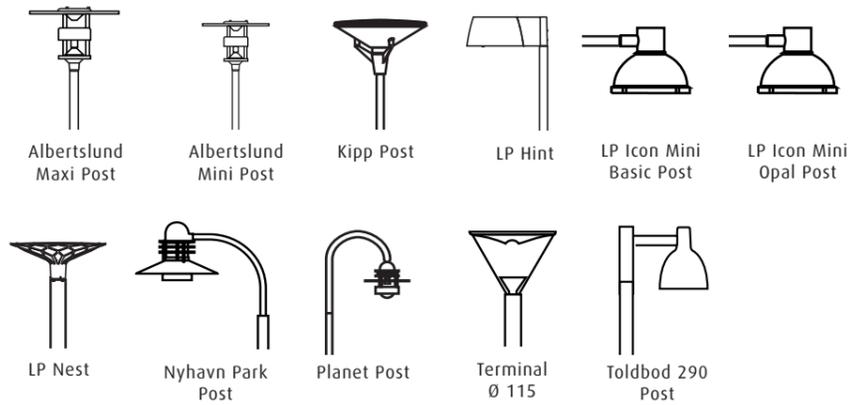
Planet Post



Toldbod 290  
Post

# standard Ø 115 aluminium poles

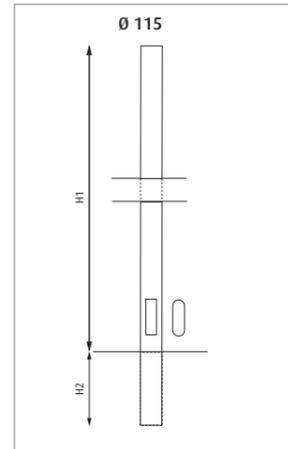
Suitable for the following post fixtures (with transition piece):



| Products              | Standard transition piece for Ø 76 | Standard transition piece for Ø 60 | Kipp transition piece for Ø 60 | Icon Mini Polearm | No transition needed |
|-----------------------|------------------------------------|------------------------------------|--------------------------------|-------------------|----------------------|
| Albertslund Maxi Post | ●                                  |                                    |                                |                   |                      |
| Albertslund Mini Post |                                    | ●                                  |                                |                   |                      |
| LP Icon Mini          |                                    |                                    |                                | ●                 |                      |
| Kipp                  |                                    |                                    | ●                              |                   |                      |
| Terminal              |                                    |                                    |                                |                   | ●                    |
| LP Hint               |                                    |                                    |                                |                   | ●                    |
| LP Nest               |                                    |                                    |                                |                   | ●                    |

| Pole          | Height over surface | In-ground depth | Order-no.  |
|---------------|---------------------|-----------------|------------|
| Alu colour    | H1, mm              | H2, mm          |            |
| Graphite grey | 3000                | 800             | 5747297430 |
| Alu colour    | 4000                | 800             | 5747297456 |
| Graphite grey | 4000                | 800             | 5747297469 |

| Transition piece | Transition      | Material/surface | Order-no   |
|------------------|-----------------|------------------|------------|
| Standard         | Ø 60mm->Ø 115mm | Alu colour       | 5747297375 |
| Standard         | Ø 60mm->Ø 115mm | Graphite grey    | 5747297362 |
| Standard         | Ø 76mm->Ø 115mm | Alu colour       | 5747297401 |
| Standard         | Ø 76mm->Ø 115mm | Graphite grey    | 5747297391 |
| Kipp             | Ø 60mm->Ø 115mm | Alu colour       | 5747302273 |
| LP Icon Mini     | Polearm         | Alu colour       | 5747815171 |



# special poles

## Nyhavn Park Post

| Description surface                          | Height over surface | In-ground depth | Base height      | Pole arm length  | Pipe stub length     | Primary pole diameter | Primary arm diameter | Bottom diameter | Pipe stub diameter | Material/surface | Order-no.  |
|--|---------------------|-----------------|------------------|------------------|----------------------|-----------------------|----------------------|-----------------|--------------------|------------------|------------|
| Fig. 1 Pole w/curved arm f/in-ground         | H1, mm              | H2, mm          | H3, mm           | L2, mm           | L3, mm               | D1, mm                | D2, mm               | D3, mm          | P2, mm             | Galv. steel      | 5747300220 |
|  | Pole arm height     | Pole arm length | Pipe stub height | Pipe stub length | Primary arm diameter | Pipe stub diameter    | Pipe stub diameter   |                 |                    | Material/surface | Order-no.  |
| Fig. 2 Pole arm, curved f/ Ø 60mm steel pole | L1, mm              | L2, mm          | L3, mm           | L4, mm           | D2, mm               | P1, mm                | P2, mm               |                 |                    | Galv. steel      | 5710500060 |

## Planet Post

| Description                        | Height | Length | Base height | Pipe stub diameter | Pipe stub diameter | Material/surface | Order-no.  |
|------------------------------------|--------|--------|-------------|--------------------|--------------------|------------------|------------|
| Fig. 3 Curved arm f/ pole Ø 60mm   | H1, mm | L, mm  | H2, mm      | D1, mm             | D2, mm             | Galv. steel      | 5747303599 |
| Fig. 4 Straight arm f/ pole Ø 60mm | L1, mm | L2, mm | L3, mm      | P1, mm             | P2, mm             | Galv. steel      | 5747303722 |

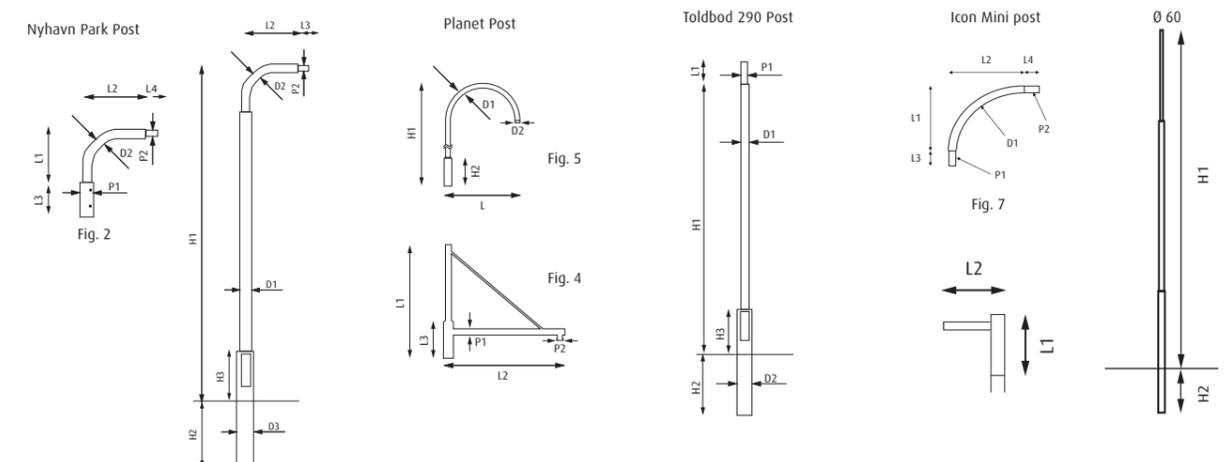
## Toldbod 290 Post

| Description                          | Height over surface | In-ground depth | Base height | Pipe stub height | Primary pole diameter | Bottom diameter | Pipe stub diameter | Material/surface | Order-no.  |
|--------------------------------------|---------------------|-----------------|-------------|------------------|-----------------------|-----------------|--------------------|------------------|------------|
| Fig. 5 Pole Ø 60mm w/ Ø 48mm posttop | H1, mm              | H2, mm          | H3, mm      | L1, mm           | D1, mm                | D2, mm          | P1, mm             | Galv. steel      |            |
|                                      | 2700                | 800             | 850         | 100              | 60                    | 108             | 48                 |                  | 5710500112 |
|                                      | 2600                |                 |             |                  | 60                    |                 | 48                 |                  | 5701900330 |
|                                      | 3000                |                 |             |                  | 60                    |                 | 48                 |                  | 5701900343 |

Use the pole above together with a fixture head for Ø 48mm post to get a nice design solution with an outer diameter of Ø 60mm for both pole and post top.

## LP Icon Mini Basic & Opal Post

| Description                | Height over surface | In-ground depth | Base height | Pipe stub height | Primary pole diameter | Bottom diameter | Pipe stub diameter | Material/surface | Order-no.  |
|----------------------------|---------------------|-----------------|-------------|------------------|-----------------------|-----------------|--------------------|------------------|------------|
| Fig. 7 Curved arm          | L1, mm              | L2, mm          | L3, mm      | L4, mm           | D1, mm                | P1, mm          | P2, mm             | Galv. steel      | 5747815113 |
|                            | 410                 | 410             | 350         | 95               | 60                    | 48              | 48                 | Galv. steel      | 5747815100 |
| Fig. 8 Straight arm, Ø 115 | 500                 | 400             |             |                  | 76                    | 60              | 48                 | Alu col. text    | 5747815171 |
|                            |                     |                 |             |                  |                       |                 |                    |                  |            |
| Fig. 12 Pole, steel Ø 60   | H1, mm              | H2, mm          |             |                  |                       |                 |                    | Galv. steel      | 5747815061 |

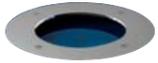




# accent

- 284 • IPR10
- 284 • IPR12
- 286 • IPR14
- 286 • Nimbus Clear LED
- 288 • Nimbus Opal LED
- 288 • Nimbus Power LED
- 290 • SPR10
- 290 • SPR12
- 292 • SPR14
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- 293 • WeeBee Opal LED
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# accent

|   |   |  |   |   |
|---|---|--|---|---|
|  <p>IPR10<br/>• 284</p>              |  <p>IPR12<br/>• 284</p>              |  <p>IPR14<br/>• 286</p>   |  <p>Nimbus Clear<br/>LED • 286</p> |  <p>Nimbus Opal<br/>LED • 288</p>    |
|  <p>Nimbus Power<br/>LED • 288</p> |  <p>SPR10<br/>• 290</p>            |  <p>SPR12<br/>• 290</p> |  <p>SPR14<br/>• 292</p>          |  <p>WeeBee Clear<br/>LED • 292</p> |
|  <p>WeeBee Opal<br/>LED • 293</p>  |  <p>WeeBee Power<br/>LED • 293</p> | <p>Accessories<br/>• 294</p>   |   | <p><b>louis<br/>poulsen</b></p>   |

# IPR10

**Weblink:** 2148

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits even, channeled light. Four types of interchangeable reflectors provide the following light distributions: 8° narrow beam, 15° spot, 30° medium beam and 60° wide beam. The reflectors are mounted in a cardan frame, providing countless adjustment options.

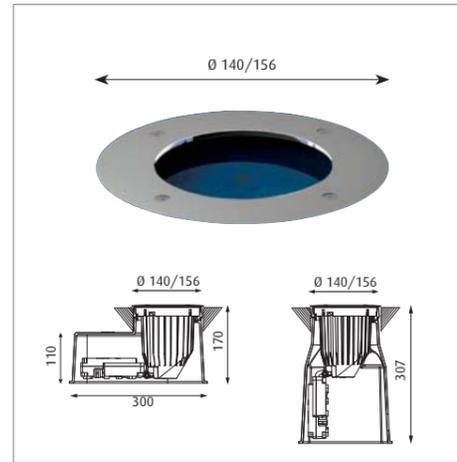
**Finish:** Stainless steel.

**Material:** Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: Die cast LM6 aluminium anodized. Gearbox: Die cast LM6 aluminium anodized. Gearbox lid: Die cast LM6 aluminium anodized. Junction box: Die cast LM6 aluminium anodized.

**Mounting:** Installation: Mounting in installation sleeve is mandatory. Control gear: Supplied with built-in control gear, prewired factory sealed complete with IP68 connectors. Housing: Supplied prewired complete with optic unit prewired with IP68 connectors. Optional junction box: For through wiring fitted with 2x M25 IP68 glands for Ø 13-18mm cable and 1x M20 IP68 gland for Ø 6-12mm cable, and supplied with re-enterable type resin pack.

**Weight:** Max. 4kg.

**Class:** Ingress protection IP6\*. Electric shock protection I w. ground.



| Product code | Dimensions                           | Light source  | Finish       | Class | Reflector               |
|--------------|--------------------------------------|---|--------------|-------|-------------------------|
| IPR10-A      | Ø 140 FLUSH STRAIGHT<br>Ø 156 RADIUS | 1x20W HIT-TC-CE PGJ5 HF<br>1x20W/35W/50W QR-CB 51<br>1x20W HIT-TC-CE GU6.5 HF<br>1x20W/35W/50W QT-ax 12 Clr. HF | STAINL STEEL | I     | 8°<br>15°<br>30°<br>60° |

**Specification notes**  
The reflector for the light source 1x20W/35W/50W QT-qx 12 Clr. HF can not be configured.  
Accessories, page 296 or [www.louispoulsen.com](http://www.louispoulsen.com).

**Info notes**  
IPx6 testing uses water projected at the fixture from a distance of 3m from different angles for 3 minutes with a pressure of 1 bar delivered by e.g. a hose pipe. IPx6\* is a Nemko approved test carried out by Louis Poulsen. The IPR100 has been tested from a distance of 0.15m from different angles for 3 minutes with a pressure of 140 bar delivered by a commercial heavy duty high pressure washer. Surface temperatures given by Louis Poulsen are all measured at 25 °C ambient after 10 hours. A complete fixture consists of: fixture + installation sleeve + optional junction box. Furthermore, the fixture can be mounted with three accessories. Sleeve is ordered separately.



# IPR12

**Weblink:** 2138

**Design:** Louis Poulsen Lighting A/S

**Lighting Concept:** The fixture emits even, channeled light. Six types of interchangeable reflectors provide the following light distributions: 10° narrow beam, 15° spot, 24° medium beam, 40° medium beam, 70° wide beam and Wall Washer. The reflectors are mounted in a cardan frame, providing countless adjustment options.

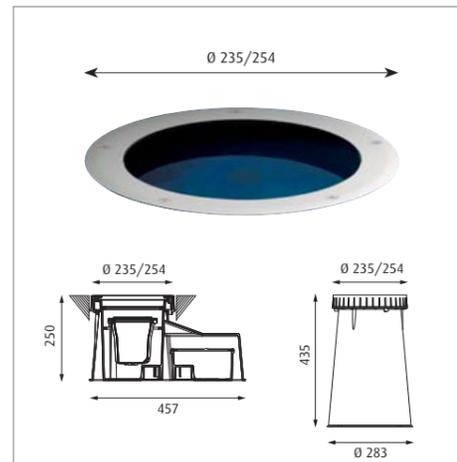
**Finish:** Stainless steel.

**Material:** Opticunit: Die cast LM6 aluminium anodized. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: PBT 30% GF. Gearbox: PBT 30% GF. Gearbox lid: Marine grade 316 stainless steel. Junction box: Die cast LM6 aluminium anodized.

**Mounting:** Installation: Mounting in installation sleeve is mandatory. Control gear: Supplied with built-in control gear, prewired factory sealed complete with IP68 connectors. Housing: Supplied prewired complete with optic unit prewired with IP68 connectors. Optional junction box: For through wiring fitted with 2x M25 IP68 glands for Ø 13-18mm cable and 1x M20 IP68 gland for Ø 6-12mm cable, and supplied with re-enterable type resin pack.

**Weight:** Max. 9kg.

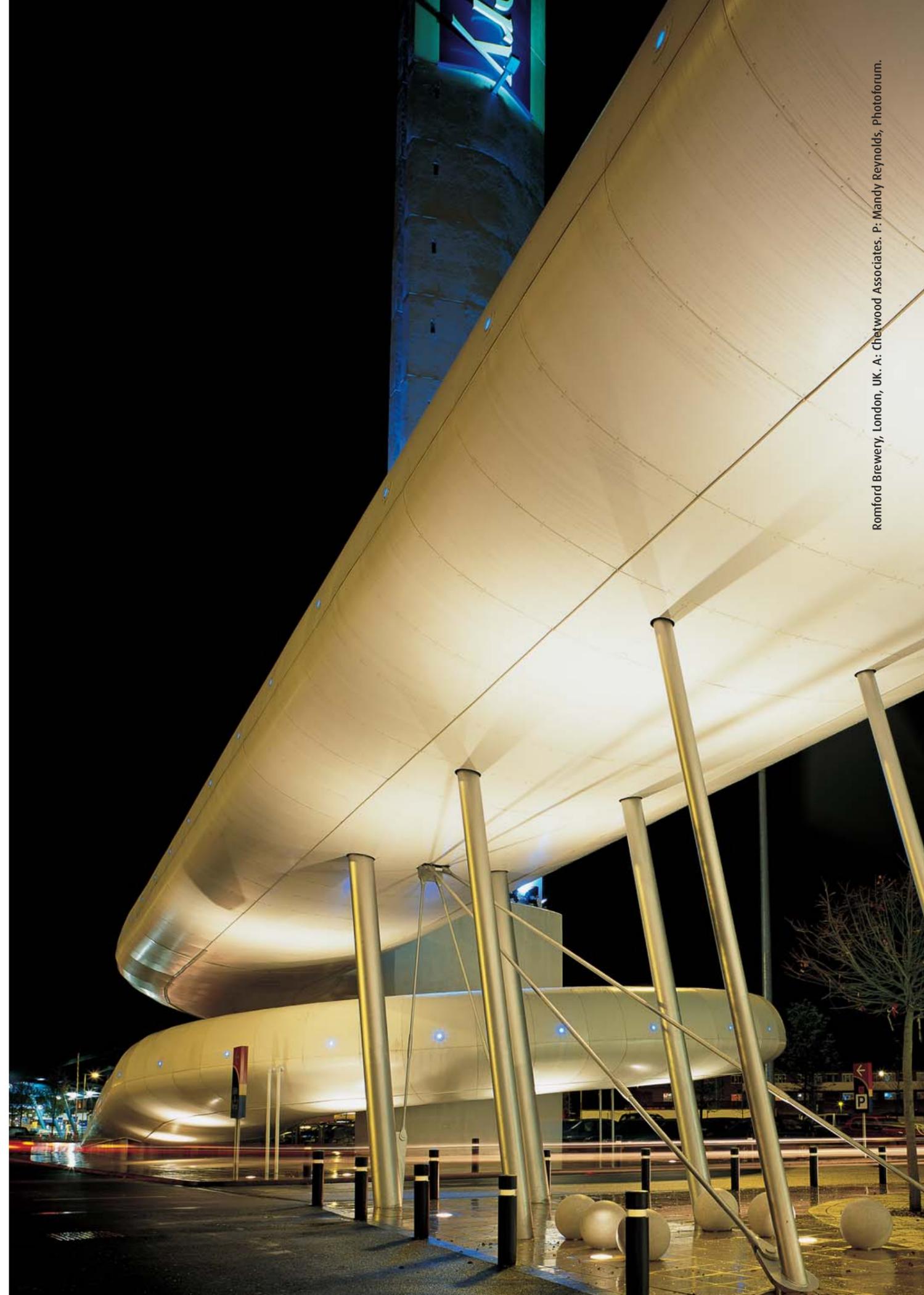
**Class:** Ingress protection IP6\*. Electric shock protection I w. ground.



| Product code | Dimensions                           | Light source   | Finish       | Class | Reflector                             |
|--------------|--------------------------------------|--|--------------|-------|---------------------------------------|
| IPR12-A      | Ø 235 FLUSH STRAIGHT<br>Ø 254 RADIUS | 1x35W HIT-CRI G12 HF<br>1x20W HIT-CRI G12 HF<br>1x20W HIT-TC-CE GU6.5 HF | STAINL STEEL | I     | 15°<br>24°<br>40°<br>70°<br>WALL WASH |

**Specification notes**  
1x20W HIT-TC-CE GU6.5 HF only available with Wall Wash.  
Accessories, page 296 or [www.louispoulsen.com](http://www.louispoulsen.com).

**Info notes**  
IPx6 testing uses water projected at the fixture from a distance of 3m from different angles for 3 minutes with a pressure of 1 bar delivered by e.g. a hose pipe. IPx6\* is a Louis Poulsen Lighting test, we have tested the IPR12 from a distance of 0.15m from different angles for 3 minutes with a pressure of 140 bar delivered by a commercial heavy duty high pressure washer. Surface temperatures given by Louis Poulsen Lighting are all measured at 25 °C ambient after 10 hours. A complete fixture consists of: fixture + installation sleeve + optional junction box. Furthermore, the fixture can be mounted with three accessories. Sleeve is ordered separately.



Romford Brewery, London, UK. A: Chetwood Associates. P: Mandy Reynolds, Photoforum.

# IPR14

**Weblink:** 1682

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The fixture emits even, channeled light. Five types of interchangeable reflectors provide the following light distributions: 8° spot, 15° spot, 30° medium beam, 60° wide beam and Wall Washer. The reflectors are mounted in a "universal joint" frame, providing countless adjustment options.

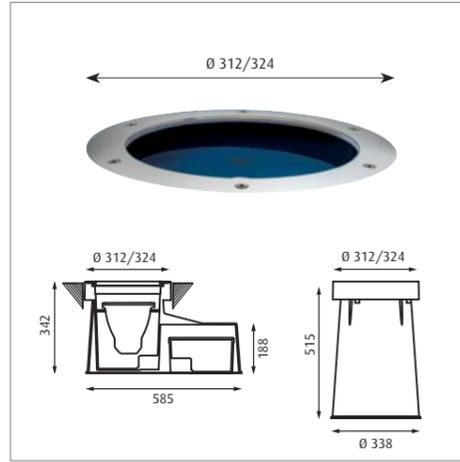
**Finish:** Stainless steel.

**Material:** Opticunit: Die cast LM6 aluminium anodized. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: PBT 30% GF. Gearbox: PBT 30% GF. Gearbox lid: Marine grade 316 stainless steel. Junction box: Die cast LM6 aluminium anodized.

**Mounting:** Installation: Mounting in installation sleeve is mandatory. Control gear: Supplied with built-in control gear, prewired factory sealed complete with IP68 connectors. Housing: Supplied prewired complete with optic unit prewired with IP68 connectors. Drive over: Glass approved for up to 4000kgs drive over at 30km/h at even speed with even tread on the top plate. Optional junction box: For through wiring fitted with 2x M25 IP68 glands for Ø 13-18mm cable and 1x M20 IP68 gland for Ø 6-12mm cable, and supplied with re-enterable type resin pack.

**Weight:** Max. 18.5kg.

**Class:** Ingress protection IP6°. Electric shock protection I w. ground.



| Product code | Dimensions                           | Light source  | Finish       | Class | Reflector                            |
|--------------|--------------------------------------|---|--------------|-------|--------------------------------------|
| IPR14-A      | Ø 312 FLUSH STRAIGHT<br>Ø 324 RADIUS | 1x35W HIT-CRI G12 Conv.<br>1x70W HIT-CRI G12 Conv.<br>1x150W HIT-CRI G12 HF | STAINL STEEL | I     | 8°<br>15°<br>30°<br>60°<br>WALL WASH |

Specification notes  
Accessories, page 296 or [www.louispoulsen.com](http://www.louispoulsen.com).

Info notes: IPx6 testing uses water projected at the fixture from a distance of 3m from different angles for 3 minutes with a pressure of 1 bar delivered by e.g. a hose pipe. IPx6° is a Nemko approved test carried out by Louis Poulsen. The IPR14 has been tested from a distance of 0.15m from different angles for 3 minutes with a pressure of 140 bar delivered by a commercial heavy duty high pressure washer. A complete fixture consists of: fixture + installation sleeve + optional junction box. Furthermore, the fixture can be mounted with three accessories. Sleeve is ordered separately.



# Nimbus Clear LED

**Weblink:** 1661

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The fixture with 28 light emitting diodes with a 6W system power is a symmetrical illuminator. Depending on the chosen shield or diffuser, the characteristics of the light can vary. Nimbus Clear LED is suitable for decorative accent lighting, both for indoor and outdoor use.

**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in optional installation sleeve. Installation sleeve to be ordered separately. Ø 125mm is mounted in level with the ground. Ø 150mm is mounted on the ground. Terminal block: 2x3x2.5mm². Cable entries: Standard: 1x M20 IP68 gland for Ø 6-12mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 2kg.

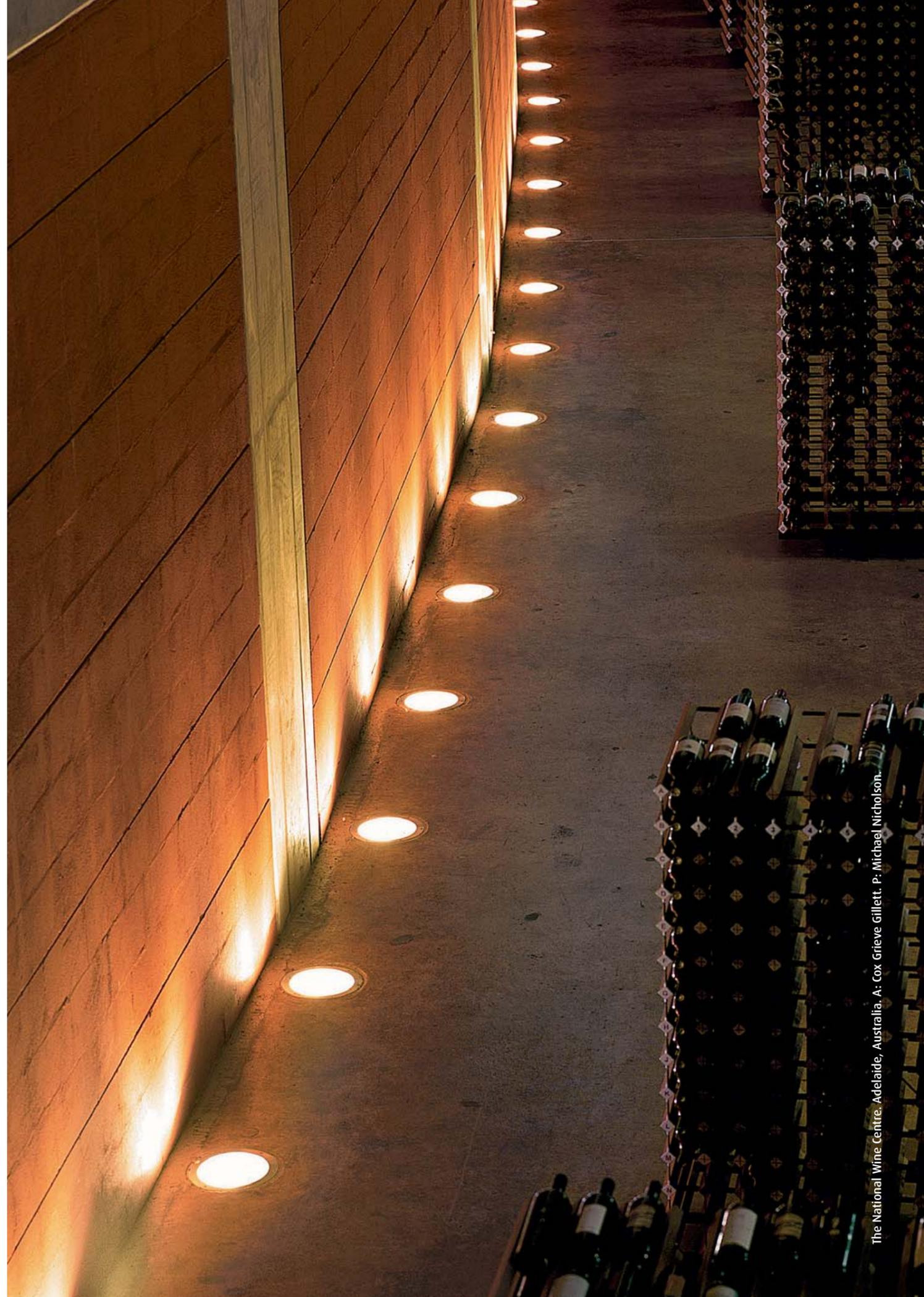
**Class:** Ingress protection IP67. Electric shock protection I w. ground.



| Product code | Dimensions                       | Light source                      | Finish       | Class | Lighting control |
|--------------|----------------------------------|-----------------------------------|--------------|-------|------------------|
| NIMCLR-A     | Ø 125 STRAIGHT<br>Ø 150 BEVELLED | 6W LED BLUE<br>6W LED WHITE 5600K | STAINL STEEL | I     | NONE             |

Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h. The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com). Sleeve is ordered separately.



The National Wine Centre, Adelaide, Australia. A: Cox Grieve Gillett. P: Michael Nicholson.

# Nimbus Opal LED

**Weblink:** 1655

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The fixture with 36 light emitting diodes with a 6W system power provides accent and marker illumination, and sets scenes, creating drama and highlighting architectural features.

**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened matt white opal glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in optional installation sleeve. Installation sleeve to be ordered separately. Ø 125mm is mounted in level with the ground. Ø 150mm is mounted on the ground. Terminal block: 2x3x2.5mm<sup>2</sup>. Cable entries: Standard: 1x M20 IP68 gland for Ø 6-12mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 2kg.

**Class:** Ingress protection IP67. Electric shock protection I w. ground.



| Product code | Dimensions                       | Light source                      | Finish       | Class | Lighting control |
|--------------|----------------------------------|-----------------------------------|--------------|-------|------------------|
| NIMOPA-A     | Ø 125 STRAIGHT<br>Ø 150 BEVELLED | 6W LED BLUE<br>6W LED WHITE 7000K | STAINL STEEL | I     | NONE             |

Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).  
Sleeve is ordered separately.



# Nimbus Power LED

**Weblink:** 1656

**Design:** Louis Poulsen Lighting A/S

**Light Concept:** The fixture with 9 light emitting diodes with 15W system power provides accent and marker illumination, and sets scenes, creating drama and highlighting architectural features.

**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in optional installation sleeve. Installation sleeve (Ø 129x137mm) to be ordered separately. Ø 125mm is mounted in level with the ground. Ø 150mm is mounted on the ground. Terminal block: 2x3x2.5mm<sup>2</sup>. Cable entries: Standard: 1x M20 IP68 gland for Ø 6-12mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 2kg.

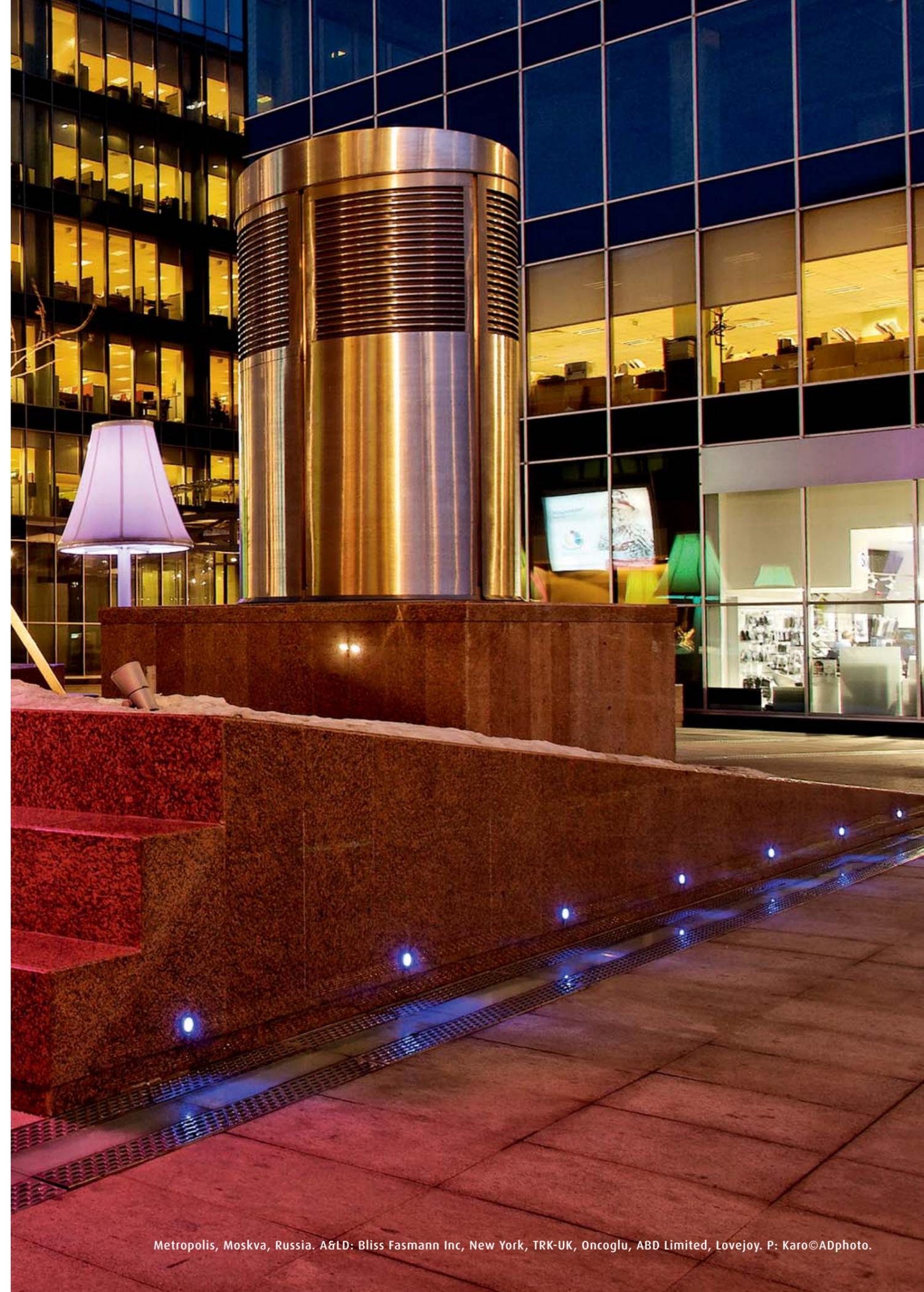
**Class:** Ingress protection IP67. Electric shock protection I w. ground.



| Product code | Dimensions                       | Light source                        | Finish       | Class | Lighting control |
|--------------|----------------------------------|-------------------------------------|--------------|-------|------------------|
| NIMPOW-A     | Ø 125 STRAIGHT<br>Ø 150 BEVELLED | 15W LED BLUE<br>15W LED WHITE 6000K | STAINL STEEL | I     | NONE             |

Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).  
Sleeve is ordered separately.



# SPR10

**Weblink:** 1664

**Design:** David Morgan Associates

**Light Concept:** The fixture emits even, channeled light. This small, compact projector is primarily suited for strategic, creative placement close to the architectural elements to be highlighted, such as window recesses. Three different interchangeable reflector types provide the following light distributions: 8° narrow beam, 30° medium beam and 70° wide beam.

**Finish:** Aluminium colour textured, powder coated.

**Material:** Glass: Toughened clear glass. Front plate: High pressure moulded aluminium. Base: Marine grade 316 stainless steel. Housing: High pressure moulded aluminium.

**Mounting:** Installation: Mounting plate for fixing direct to hard surfaces, earthspike or pole top adaptor. Can be tilted vertically through 100°. Terminal block: 1x3x4mm<sup>2</sup>. Cable entries: 1x PG11 IP68 gland for Ø 5-10mm cable.

**Weight:** Max. 4kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground.



| Product code | Light source                | Finish       | Reflector        |
|--------------|-----------------------------|--------------|------------------|
| SPR10-SP     | 1x35/50/100W QT-ax 12 Clear | ALU COL TEXT | 8°<br>30°<br>70° |

Specification notes  
Accessories, page 297 or [www.louispoulsen.com](http://www.louispoulsen.com).

Info notes  
Paint specification: Aluminium - Trimite AE/26 0,(nearest RAL 9006).  
Internal ballast.



# SPR12

**Weblink:** 1645

**Design:** David Morgan Associates

**Light Concept:** The fixture emits even, channeled light. The small, compact projector is primarily suited to architectural highlights and smaller surfaces. Three types of interchangeable reflectors provide the following light distributions: 8° narrow beam, 30° medium beam and 70° wide beam.

**Finish:** Aluminium colour textured, powder coated.

**Material:** Glass: Toughened clear glass. Front plate: High pressure moulded aluminium. Base: Marine grade 316 stainless steel. Housing: High pressure moulded aluminium.

**Mounting:** Installation: Mounting plate for fixing direct to hard surfaces, earthspike or pole top adaptor. Can be tilted vertically through 100°. Terminal block: 1x3x4mm<sup>2</sup>. Cable entries: 1x M20 IP68 gland for Ø 6-12mm cable.

**Weight:** Max. 5.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground.



| Product code | Light source  | Finish       | Reflector        |
|--------------|---|--------------|------------------|
| SPR12-SP     | 1x20W HIT-CRI G8.5 HF<br>1x35W HIT-CRI G8.5 HF<br>1x70W HIT-CRI G8.5 HF | ALU COL TEXT | 8°<br>30°<br>70° |

Specification notes  
Accessories, page 297 or [www.louispoulsen.com](http://www.louispoulsen.com).

Info notes  
Paint specification: Aluminium - Trimite AE/26 0,(nearest RAL 9006).  
Internal ballast.



Atlantic House, Bavaria quarter, St. Pauli, Germany. A: Herzog + Partner. P: Paul Kozłowski.

# SPR14

**Weblink:** 1646

**Design:** David Morgan Associates

**Light Concept:** The fixture emits even, channeled light. The large but compact projector is suited to applications requiring high-efficiency in combination with aesthetic presence. Five different interchangeable reflector types provide the following light distribution options: 8° narrow beam, 15° spot, 30° medium beam, 60° wide beam, and a relatively rectangular 105° x 140°.

**Finish:** Aluminium colour textured, powder coated.

**Material:** Glass: Toughened clear glass. Front plate: High pressure moulded aluminium. Base: Marine grade 316 stainless steel. Housing: High pressure moulded aluminium.

**Mounting:** Installation: Mounting plate for fixing direct to hard surfaces, earthspike or pole top adaptor. Can be tilted vertically through 100°. Terminal block: 1x3x4mm². Cable entries: 1x M20 IP68 gland for Ø 6-12mm cable.

**Weight:** Max. 10.5kg.

**Class:** Ingress protection IP66. Electric shock protection I w. ground.



| Product code | Light source                                  | Finish       | Reflector                            |
|--------------|---|--------------|--------------------------------------|
| SPR14-SP     | 1x70W HIT-CRI G12 HF<br>1x150W HIT-CRI G12 HF | ALU COL TEXT | 8°<br>15°<br>30°<br>60°<br>105°x140° |

Specification notes  
Accessories, page 297 or [www.louispoulsen.com](http://www.louispoulsen.com).  
The 105x140 degree options only accept exterior accessories.

Info notes  
Paint specification: Aluminium - Trimite AE/26 0, (nearest RAL 9006).  
Internal ballast.



# WeeBee Clear LED

**Weblink:** 1663

**Design:** Paul Sayers

**Light Concept:** WeeBee Clear LED, with 18 light emitting diodes with 1,5W system power, provides distinct illumination and sets scenes, creating drama and highlight architectural features.

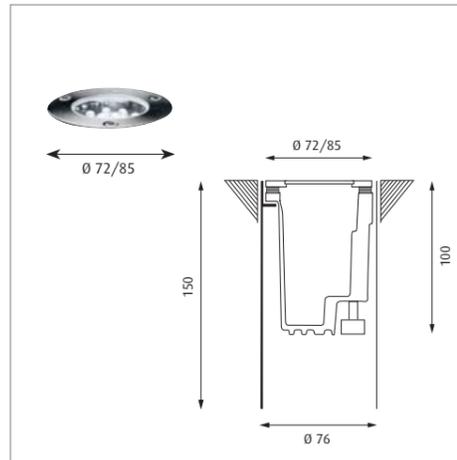
**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in supplied installation sleeve (Ø 76x150mm). Terminal block: 2x3x2.5mm². Cable entries: Standard: 1x M16 IP68 gland for Ø 5-10mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP67. Electric shock protection I w. ground.



| Product code | Dimensions                     | Light source                          | Finish       | Class |
|--------------|--------------------------------|---------------------------------------|--------------|-------|
| WBCLR-A      | Ø 72 STRAIGHT<br>Ø 85 BEVELLED | 1,5W LED BLUE<br>1,5W LED WHITE 5600K | STAINL STEEL | I     |

Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



# WeeBee Opal LED

**Weblink:** 1659

**Design:** Paul Sayers

**Light Concept:** WeeBee Opal LED with 18 light emitting diodes with 1,5W system power, provides distinct accent illumination and sets scenes, creating drama and highlighting architectural features.

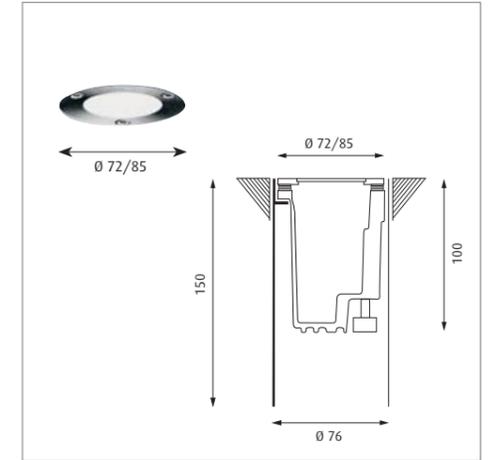
**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened matt white opal glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in supplied installation sleeve (Ø 76x150mm). Terminal block: 2x3x2.5mm². Cable entries: Standard: 1x M16 IP68 gland for Ø 5-10mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP67. Electric shock protection I w. ground.



| Product code | Dimensions                     | Light source                          | Finish       | Class |
|--------------|--------------------------------|---------------------------------------|--------------|-------|
| WBOPA-A      | Ø 72 STRAIGHT<br>Ø 85 BEVELLED | 1,5W LED BLUE<br>1,5W LED WHITE 7000K | STAINL STEEL | I     |

Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).



# WeeBee Power LED

**Weblink:** 1660

**Design:** Paul Sayers

**Light Concept:** WeeBee Power LED with 3 light emitting diodes with 3W system power, provides distinct accent illumination and sets scenes, creating drama and highlighting architectural features.

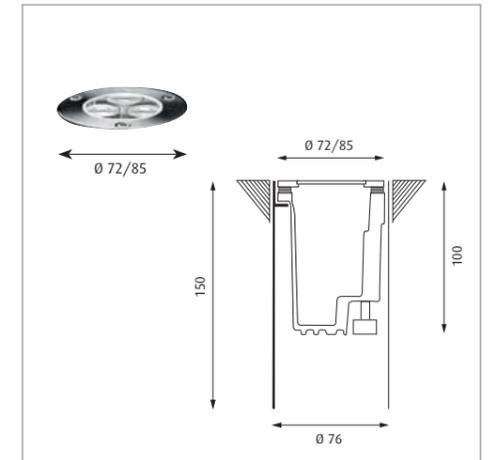
**Finish:** Stainless steel.

**Material:** Sleeve: Marine grade 316 stainless steel. Glass: Toughened clear glass. Top plate: Marine grade 316 stainless steel. Housing: Teflon coated, aluminium coloured, die cast aluminium.

**Mounting:** Sleeve: Recommended mounting in supplied installation sleeve (Ø 76x150mm). Terminal block: 2x2x2.5mm². Cable entries: Standard: 1x M16 IP68 gland for Ø 5-10mm cable. Inground: Suitable for mounting in wood, burial in earth/pea shingle, or cast into concrete.

**Weight:** Max. 1.5kg.

**Class:** Ingress protection IP67. Electric shock protection III low voltage.



| Product code | Dimensions                     | Light source                      | Finish       | Class |
|--------------|--------------------------------|-----------------------------------|--------------|-------|
| WBPOW-A      | Ø 72 STRAIGHT<br>Ø 85 BEVELLED | 3W LED BLUE<br>3W LED WHITE 6000K | STAINL STEEL | III   |

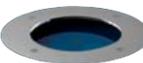
Specification notes  
Accessories, [www.louispoulsen.com](http://www.louispoulsen.com).  
All LED efficiency information are measured as system power.

Info notes  
Drive over: Glass approved for up to 2000kg drive over at 30km/h.  
The innovation of the LED technology is constant. The specifications mentioned are based on present technology. Please find updated info on products on our website [www.louispoulsen.com](http://www.louispoulsen.com).





accessories



IPR10  
• 284



IPR12  
• 284



IPR14  
• 286



SPR10  
• 290



SPR12  
• 290



SPR14  
• 292

# accessories accent & inground

## IPR10

| Options | Spreader lens | Amber dichroic filter | Red dichroic filter | Blue dichroic filter | Green dichroic filter | Internal honeycomb louvre |
|---------|---------------|-----------------------|---------------------|----------------------|-----------------------|---------------------------|
| 1       | ●             |                       |                     |                      |                       |                           |
| 2       |               | ●                     |                     |                      |                       |                           |
| 3       |               |                       | ●                   |                      |                       |                           |
| 4       |               |                       |                     | ●                    |                       |                           |
| 5       |               |                       |                     |                      | ●                     |                           |
| 6       |               |                       |                     |                      |                       | ●                         |
| 7       | ●             | ●                     |                     |                      |                       |                           |
| 8       | ●             |                       | ●                   |                      |                       |                           |
| 9       | ●             |                       |                     | ●                    |                       |                           |
| 10      | ●             |                       |                     |                      | ●                     |                           |
| 11      | ●             |                       |                     |                      |                       | ●                         |
| 12      |               | ●                     |                     |                      |                       | ●                         |
| 13      |               |                       | ●                   |                      |                       | ●                         |
| 14      |               |                       |                     | ●                    |                       | ●                         |
| 15      |               |                       |                     |                      | ●                     | ●                         |
| 16      | ●             | ●                     |                     |                      |                       | ●                         |
| 17      | ●             |                       | ●                   |                      |                       | ●                         |
| 18      | ●             |                       |                     | ●                    |                       | ●                         |
| 19      | ●             |                       |                     |                      | ●                     | ●                         |

### Optical control



IPR12/14 Internal concentric louvre  
 IPR10/12/14 Dichroic colour filters (amber, red, blue, green)  
 IPR10/12/14 Spreader lens  
 IPR10 Honeycomb louvre

### Accessories



IPR10/12/14 Anti-vandal screws

## IPR12/14

| Options | Spreader lens | Amber dichroic filter | Red dichroic filter | Blue dichroic filter | Green dichroic filter | Internal concentric louvre |
|---------|---------------|-----------------------|---------------------|----------------------|-----------------------|----------------------------|
| 1       | ●             |                       |                     |                      |                       |                            |
| 2       |               | ●                     |                     |                      |                       |                            |
| 3       |               |                       | ●                   |                      |                       |                            |
| 4       |               |                       |                     | ●                    |                       |                            |
| 5       |               |                       |                     |                      | ●                     |                            |
| 6       |               |                       |                     |                      |                       | ●                          |
| 7       | ●             | ●                     |                     |                      |                       |                            |
| 8       | ●             |                       | ●                   |                      |                       |                            |
| 9       | ●             |                       |                     | ●                    |                       |                            |
| 10      | ●             |                       |                     |                      | ●                     |                            |
| 11      | ●             |                       |                     |                      |                       | ●                          |
| 12      |               | ●                     |                     |                      |                       | ●                          |
| 13      |               |                       | ●                   |                      |                       | ●                          |
| 14      |               |                       |                     | ●                    |                       | ●                          |
| 15      |               |                       |                     |                      | ●                     | ●                          |

### Optical control



SPR12/14 Honeycomb louvre  
 SPR10/12/14 Spreader lens  
 SPR10/12/14 Dichroic colour filters (amber, red, blue, green)

### Mounting



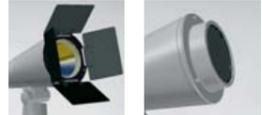
SPR10/12/14 Earth spike

### Anti pollution shields



SPR10/12/14 Cowl visor  
 SPR10/12/14 Extended cowl visor

### Louvre



SPR10/12/14 Barn-doors  
 SPR12/14 External crossblade louvre

### pole tops



SPR10/12/14 Mounting bracket 1 arm  
 SPR10/12/14 Mounting bracket 2 arms  
 SPR10/12/14 Mounting bracket 3 arms  
 SPR10/12/14 Mounting bracket 4 arms  
 SPR10/12/14 Three mounting bracket

## SPR10/12/14

| Options | Spreader lens | Amber dichroic filter | Red dichroic filter | Blue dichroic filter | Green dichroic filter | Internal honeycomb louvre |
|---------|---------------|-----------------------|---------------------|----------------------|-----------------------|---------------------------|
| 1       | ●             |                       |                     |                      |                       |                           |
| 2       |               | ●                     |                     |                      |                       |                           |
| 3       |               |                       | ●                   |                      |                       |                           |
| 4       |               |                       |                     | ●                    |                       |                           |
| 5       |               |                       |                     |                      | ●                     |                           |
| 6       |               |                       |                     |                      |                       | ●                         |
| 7       | ●             | ●                     |                     |                      |                       |                           |
| 8       | ●             |                       | ●                   |                      |                       |                           |
| 9       | ●             |                       |                     | ●                    |                       |                           |
| 10      | ●             |                       |                     |                      | ●                     |                           |
| 11      | ●             |                       |                     |                      |                       | ●                         |
| 12      |               | ●                     |                     |                      |                       | ●                         |
| 13      |               |                       | ●                   |                      |                       | ●                         |
| 14      |               |                       |                     | ●                    |                       | ●                         |
| 15      |               |                       |                     |                      | ●                     | ●                         |

One cowl or barn door accessory can be used externally.  
 One mounting option can be used.



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