

PATERA PENDANT

The pendant is a glowing sphere built up of small diamond-shaped cells. Each cell is carefully designed to capture light and to shield the light source from the viewing angles above 45 degrees. Each cell glows. Below 45 degrees, the fields are open to direct light downwards. A small amount of light is also sent upwards to illuminate the ceiling.



Øivind Slaatto

Øivind Slaatto (born 1978) is a promising Danish designer, recognised for his simple and poetic solutions. Nature is Øivind's most important source of inspiration. He also seeks to transfer characteristics such as rationality, logic and harmony to his designs.



INGENIØR'NE



Product info

Environmental Product Specification

This product is compliant with the requirements contained in the European Directives, RoHS Directive 2011/65 and 2015/863. This product is designed so that 100% of the product can be disassembled and reused.

Information

For LED replacement kits please do contact Louis Poulsen. The innovation of the LED technology is constant. The specifications mentioned are based on present technology.

Mounting

E27: Ø300: Cable 2x0,75mm². Ø450/Ø600: Cable 2x1.0 mm². Ø900: Cable 3x1mm² and wire. Cord length: 4m. Canopy: Yes. LED: Ø450/Ø600/900: Cable 2x0.75mm² and wire. Cord length: 4m. Canopy contains driver.

Finish

White, matt coated.

Materials

Shade: Cut matt PVCi. E27: Matt-chromed brass and die cast acrylic. LED: Matt white.

Sizes and weights

width x Height x Length (mm) | 600 x 608 x 600 Max 5.7 kg | 450 x 433 x 450 Max 4.7 kg | 900 x 865 x 900 Max 11.5 kg | 300 x 305 x 300 Max 2.0 kg

Class

Ingress protection IP20. Electric shock protection I w. Ground, E27 Ø450/Ø600 E27: II w/o ground.

Light source

1x40W E27

Information

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Related products



Patera Oval Pendant

Product variants

Dimension	Light source	Lumen	Class	Lighting control
Ø 300	1x100W E27	-	I	-
Ø 450	1x40W E27	2428	II	Dali
Ø 600	1x60W E27	2525		Wireless bluetooth
Ø 900	LED 2700K 42W	4206		
	LED 2700K 65W	4272		
	LED 2700K 96W	5472		
	LED 3000K 42W	5689		
	LED 3000K 65W			
	LED 3000K 96W			

Product description

Suspended spherical luminaire
Geometry built up of small diamond-shaped cells
Geometry based on the fibonacci curve
Luminaire constructed bi-directional interlocked lamellas
Family of two dimensions
Suspended from cable and stainless steel aircraft cable (large version)

Mounting

Suspended from high quality stainless steel aircraft cable. (LED only)
Stainless steel guide connector for simple adjustment of cable. (LED only)
Top collar with integral contours for simple and secure hanging of shade.
LED Driver positioned internally in canopy.
Can be mounted on 4" octagonal junction box. (US only)

Light description

The pendant is a glowing sphere
Spherical light distribution
Light source shielded with viewing angles above 45 degrees
Below 45 degrees, the fields are open to direct light downwards
A small amount of light sent upwards to illuminate ceiling
Play of light and shadow in each cell
Available in LED or conventional light sources
LED replaceable
Unique design high intensity LED insert with spherical light distribution
Heat pipe and heat sink assembly to ensure LED temperature is kept low
High efficient diffuser for spherical distribution of light
Dimmable

Design

Øivind Slaatto

Material

Cut matt semi translucent PVC.
Top collar of shade in white polycarbonate.
Steel shade support rods, powder coated white.
Internal caps in clear polycarbonate.
Canopy mat fine textures polycarbonate.
Cable: white PVC coated, 12 ft. (USA)
Socket (incandescent): Porcelain, mogul base, for PS-35 clear envelope lamps.
LED variants available in 2700K or 3000K with CRI of 80.
For LED variants, electronic constant current, class II driver for 120-277V operation and 0-10V dimming control housed inside canopy. (USA only)
LED enclosure: Custom-designed injection molded high-transmittance polycarbonate enclosure with internal reflector for proper illumination of shade.
Two discrete heatsinks, one cast aluminum and the other extruded aluminum.
Non-LED canopy on incandescent variant: 5. 3" diameter x 0. 9" tall cone of spun aluminum. LED canopy: 9. 4" diameter x 4. 3" tall dome of white polycarbonate. (USA only)

Weight

Min: 1.964 kg Max: 8.416 kg

Dimensions

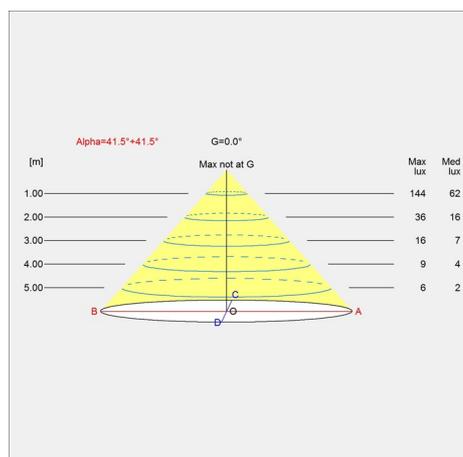
Ø 300, Ø 450, Ø 600, Ø 900

Finish

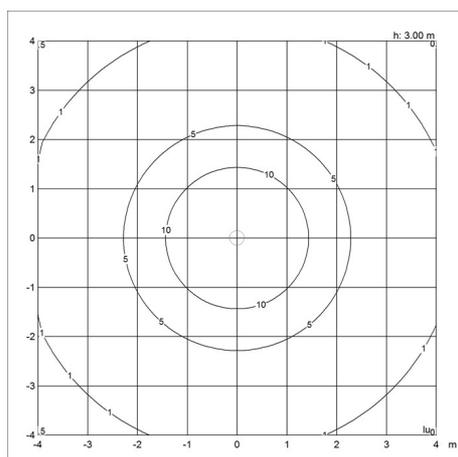
White

Light distribution diagrams

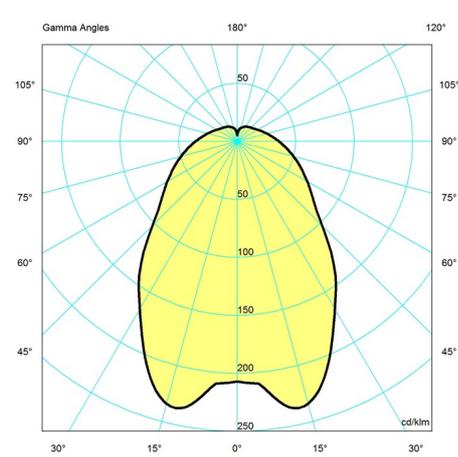
Cartesian



Isolux



Polar



Spare parts & accessories

Product

PATERA 450 SUSP MAX 60W E27 CL.II
 PATERA 600 SUSP MAX 100W CL.II E27
 PATERA 900 SUSP 100W E27 CL.I
 Canopy White 2-part tophat ©

Variant number

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 5741099139
 5741099964
 5749329034