

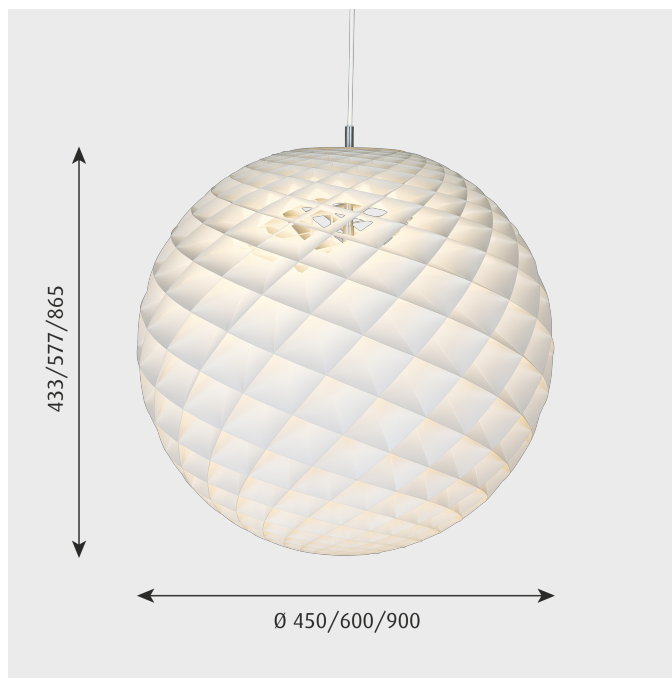
Patera

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.

Project name:

Project type:

Notes:



Finish

White, matt coated or silver coloured.

Mounting

E27 (Ø450/Ø600): Suspension type: Cable, 2 x 1.0 mm². E27 (Ø900): Suspension type: 3x1mm² and wire. Canopy: Yes. Cord length: 4m. LED (Ø450/Ø600/900): Suspension type: Cable, 2 x 0.75 mm² and wire. Canopy contains driver. Cord length: 4m.

Class

Ingress protection IP20. Electric shock protection I w. ground. Ø480 and Ø600 E27: II w/o ground.

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.

Materials

Shade: Cut matt PVC or cut PET prism foil. Suspension: 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 10.7 kg | 450 x 433 x 450 Max 3.4 kg | 900 x 865 x 900 Max 11.5 kg

Light source & energy class

A++ - A | LED 3000K 65W

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Design to shape light

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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)

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

Mounting

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: 1.961 kg Max: 8.411 kg

Dimensions

Ø 450, Ø 600, Ø 900

Finish

Silver, Wht

Product variants

Dimension	Light source	Colour	Lighting control	Lumen	Variant number
Ø 450	60WE27	Silver	-	-	5741094228
Ø 450	60WE27	Wht	-	-	5741099003
Ø 450	LED 2700K (ra90)	Silver	DALI	-	5741094231
Ø 450	LED 2700K 42W	Wht	DALI	2307	5741099032
Ø 450	LED 3000K (ra90)	Silver	DALI	-	5741094244
Ø 450	LED 3000K 42W	Wht	DALI	2411	5741099045
Ø 600	1x100WE27	Silver	-	-	5741094257
Ø 600	1x100WE27	Wht	-	-	5741096941
Ø 600	LED 2700K (ra90)	Silver	DALI	-	5741094260
Ø 600	LED 2700K (ra90)	Silver	WIRELESS BLUETOOTH	-	5741094273
Ø 600	LED 2700K 65W	Wht	DALI	4206	5741100028
Ø 600	LED 2700K 65W	Wht	WIRELESS BLUETOOTH	4206	5741100057
Ø 600	LED 3000K (ra90)	Silver	DALI	-	5741094286
Ø 600	LED 3000K (ra90)	Silver	WIRELESS BLUETOOTH	-	5741094299

Dimension	Light source	Colour	Lighting control	Lumen	Variant number
Ø 600	LED 3000K 65W	Wht	WIRELESS BLUETOOTH	4272	5741481695
Ø 600	LED 3000K 65W	Wht	DALI	4272	5741481297
Ø 900	1x100WE27	Silver	-	-	5741094312
Ø 900	1x100WE27	Wht	-	-	5741099977
Ø 900	LED 2700K (ra90)	Silver	DALI	-	5741094325
Ø 900	LED 2700K (ra90)	Silver	WIRELESS BLUETOOTH	-	5741094338
Ø 900	LED 2700K 96W	Wht	DALI	5473	5741100099
Ø 900	LED 2700K 96W	Wht	WIRELESS BLUETOOTH	5473	5741100109
Ø 900	LED 3000K (ra90)	Silver	DALI	-	5741094341
Ø 900	LED 3000K (ra90)	Silver	WIRELESS BLUETOOTH	-	5741094354
Ø 900	LED 3000K 96W	Wht	WIRELESS BLUETOOTH	5690	5741481789
Ø 900	LED 3000K 96W	Wht	DALI	5690	5741481792

Spareparts & accessories

Product	Variant number
CANOPY WHITE 2-PART, TOPHAT ®	5749329034
PATERA450 SUSP MAX60WE27 CL.II	5741099207