

# 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.



**INGENIØR'NE**



## Product info

### 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 (Ø450/Ø600): Suspension type: Cable, 2 x 1.0 mm<sup>2</sup>. E27 (Ø900): Suspension type: 3x1mm<sup>2</sup> and wire.  
Canopy: Yes. Cord length: 4m. LED (Ø450/Ø600/900): Suspension type: Cable, 2 x 0.75 mm<sup>2</sup> and wire. Canopy contains driver. Cord length: 4m.

### Finish

White, matt coated.

### Materials

Shade: Cut matt PVC. 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 9.9 kg | 450 x 433 x 450 Max 5.2 kg | 900 x 865 x 900 Max 30.1 kg

### Class

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

### Light source

1x60W E27

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## Product variants

Dimension	Light source	Lumen	Class	Lighting control
Ø 450	1x100W E27	-	I	-
Ø 600	1x60W E27	2411	II	Dali
Ø 900	LED 2700K 42W	2428		Wireless bluetooth
	LED 2700K 65W	4206		
	LED 2700K 96W	4272		
	LED 3000K 42W	5472		
	LED 3000K 65W	5689		
	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)

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## 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)

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## 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

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## Design

Øivind Slaatto

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## 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)

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## Weight

Min: 26.945 kg Max: 9.856 kg

## Dimensions

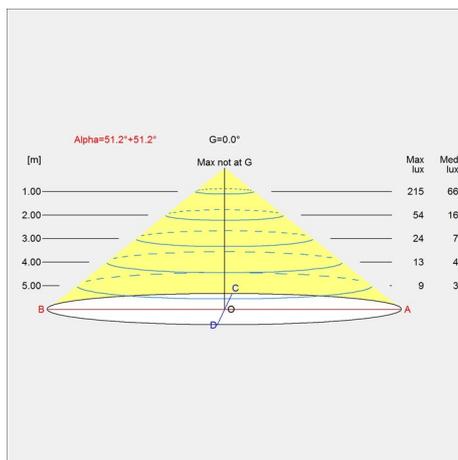
Ø 450, Ø 600, Ø 900

## Finish

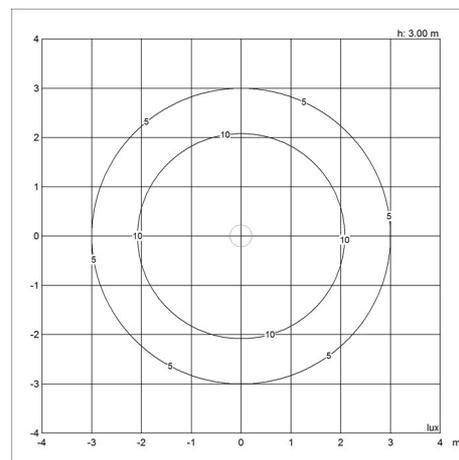
White

# Light distribution diagrams

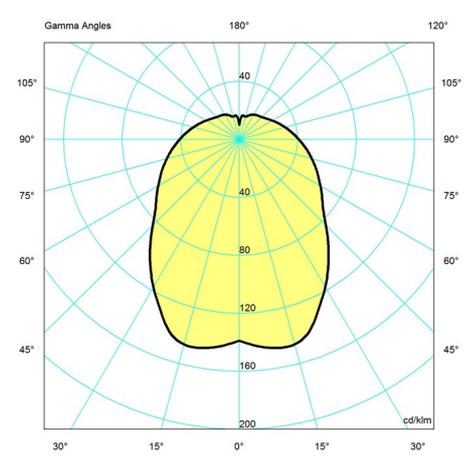
Cartesian



Isolux



Polar



## Spare parts & accessories

Product

CANOPY WHITE 2-PART, TOPHAT ©  
PATERA 450 SUSP MAX 60W E27 CL.II

Variant number

5749329034  
5741099207