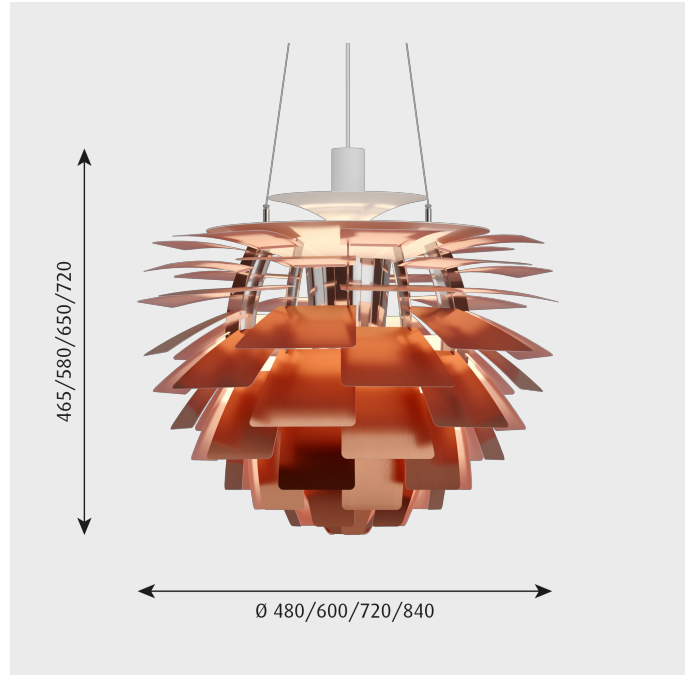# PH Artichoke

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. For the energy saving LED variant the quality of light and atmosphere surrounding the product is kept at the highest level.

Project name:

Project type:

Notes:

465/580/650/720

Ø 480/600/720/840

Finish

Copper, satin polished and coated with rose, wet painted inner side. Brass, copper or stainless steel, brushed and coated. White, wet painted. Polished stainless steel: Polished.

Mounting

Suspension type: E27: Cable 3 x 0,75mm² & wire. Canopy: Yes. Cable length: 4m. LED: Cable 2 x 1 mm2 and wire. Canopy or external driver box contains driver. Cable length: 4m. Maximum distance between external driver box and fixture: 20m .

Class

Ingress protection IP20. Electric shock protection I w. ground.

Information

When Henningsen designed the iconic PH Artichoke for the Langelinie Pavillonen restaurant in Copenhagen in 1958, he opted for solid copper leaves with a rose finish on their interiors. The combination lent the organic form exceptional warmth and beautifully reflected light from the PH Artichoke´s hidden light source. The light from the Copper Rose edition in particular creates an inviting ambience. In honour of Henningsen´s birthday, Louis Poulsen is launching PH Artichoke in the very same, original materials and finish. The Copper Rose version will be available in all PH Artichoke sizes exclusively in 2019. The special editions will feature an PH signature engraving placed on the third row of blades from the top commemorating PH´s 125th birthday. 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

Leaves: Laser cut brass, copper, stainless steel or steel. Top shade: White, spun steel. Frame: High lustre chrome plated, laser cut steel. Suspension: High lustre chrome plated, spun aluminium.

Sizes and weights

Width x Height x Length (mm) | 720 x 650 x 720 Max 20.0 kg | 480 x 497 x 480 Max 8.7 kg | 600 x 580 x 600 Max 17.5 kg | 840 x 720 x 840 Max 27.9 kg

Light source & energy class

LED 3000K 96W

louis poulsen

Design to shape light

Product description

Suspended spherical luminaire
Shade consist of 72 overlapping leaves of laser cut glass or metal in a range of finishes
Iconic design
Family with four standard dimensions
Two oversized versions for very large rooms available
Chrome plated frame
Top shade to hide insert
Three wire suspension
Canopy designed for lamp type

Frame suspended from ceiling
Lamp insert resting in top ring of frame
Driver positioned internally in canopy (LED only)
Option for driver positioned in driver box externally (LED Europe only)
External driver box can be positioned up to 20m from luminaire (Europe only)
Can be mounted on 4‖ octagonal junction box (US only)

Light description

100% glare free light
The 100% reflected light creates a pattern of light and shadow on the underside of the leaves
For glass The surface treatment on the glass leaves eliminates direct glare
Hugh play of light and shadow contrast in the luminaire
Inside of leaves white on all metal versions of the luminaire
Frosted glass leaves combines luminance with reflection
Spherical light distribution
LED replaceable
Dimmable

Design

Poul Henningsen

Mounting

Laser cut metal leaves in either brushed copper, steel or painted high gloss white, 0. 8 mm (0. 03'') thick.
Sand blasted glass leaves, 4mm (0. 16‖) thick.
Suspended from three high quality stainless steel aircraft cables, 0. 8mm (0. 03‖) thick.
High lustre chrome plated spun aluminium housing, 2mm (0. 08‖) thick.
Top shade: White, spun steel, 0. 8 mm (0. 03'') thick.
Frame: 12 legs of high luster chrome plated, cast aluminum, 0. 12'' thick.
LED enclosure: Custom-designed injection molded high-transmittance polycarbonate enclosure with internal reflector for proper illumination of leaves.
LED thermally managed by system of 2 heatsinks, one cast aluminum and the other extruded aluminum.
Upper heatsink with center open channel to maximum heat transferral to atmosphere.
Three heat pipes efficiently transfer heat energy between heatsinks.
Canopy (incandescent): 7. 9‖ diameter x 3. 6‖ tall cone of spun aluminum; canopy (LED): 9. 4‖ diameter x 4. 3‖ tall dome of white polycarbonate. (USA only)
Cable: white PVC coated, 12 ft. Copper incandescent cable black PVC coated. (USA)
Socket: Porcelain, medium base, for A-23, or mogul base for PS-35 clear envelope lamps.
Socket position is adjustable to allow correct lamp position and fixture illumination.
CMH variants provided with dual tap F-can style ballast to be remote located in ceiling plenum.
LED variants available in 2700K (23. 6‖) or 3000K (23. 6‖, 28. 3‖, 33. 1‖) with CRI of 80.

louis poulsen

For LED variants, electronic constant current, class II driver for 120-277V operation and 0-10V dimming control housed inside canopy. (USA only)

Weight

Min: 13.878 kg Max: 8.732 kg

Dimensions

Ø 480, Ø 600, Ø 720, Ø 840

Finish

Brass, Copper, Copper rose, Stainl steel, Stainl steel polish, Wht

Product variants

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 480	1x100W E27	Brass	I	WHT TEX/WIRE	-	-	-	5741093520
Ø 480	1x100W E27	Copper	I	WHT TEX/WIRE	-	-	-	5741092123
Ø 480	1x100W E27	Copper rose	I	WHT TEX/WIRE	-	SIGNATUR	-	5741111198
Ø 480	1x100W E27	Stainl steel	I	WHT TEX/WIRE	-	-	-	5741092136
Ø 480	1x100W E27	Stainl steel polish	I	WHT TEX/WIRE	-	-	-	5741097788
Ø 480	1x100W E27	Wht	I	WHT TEX/WIRE	-	-	-	5741092149
Ø 600	1x100W E27	Brass	I	WHT TEX/WIRE	-	-	-	5741093533
Ø 600	1x100W E27	Copper	I	WHT TEX/WIRE	-	-	-	5741092408
Ø 600	1x100W E27	Copper rose	I	WHT TEX/WIRE	-	SIGNATUR	-	5741111211
Ø 600	1x100W E27	Stainl steel	I	WHT TEX/WIRE	-	-	-	5741092411
Ø 600	1x100W E27	Stainl steel polish	I	WHT TEX/WIRE	-	-	-	5741097801
Ø 600	1x100W E27	Wht	I	WHT TEX/WIRE	-	-	-	5741092398

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 600	LED 2700K 96W	Brass	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2621	5741093546
Ø 600	LED 2700K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	2621	5741093559
Ø 600	LED 2700K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2621	5741093588
Ø 600	LED 2700K 96W	Copper	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2621	5741110209
Ø 600	LED 2700K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	2621	5741110212
Ø 600	LED 2700K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2621	5741110393
Ø 600	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	1726	5741111237
Ø 600	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	1726	5741111266
Ø 600	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2387	5741110160
Ø 600	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2387	5741110173
Ø 600	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2387	5741110377
Ø 600	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2387	5741110416
Ø 600	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2151	5741111033
Ø 600	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	INT. DRIVER	2151	5741111046
Ø 600	LED 2700K 96W	Wht	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3631	5741110128
Ø 600	LED 2700K 96W	Wht	I	WHT TEX/WIRE	DALI	INT. DRIVER	3631	5741110131
Ø 600	LED 2700K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3631	5741110351
Ø 600	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2726	5741093562
Ø 600	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	2726	5741093575
Ø 600	LED 3000K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2726	5741093591
Ø 600	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2726	5741110225
Ø 600	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	2726	5741110238
Ø 600	LED 3000K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2726	5741110403
Ø 600	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	EXT. DRIVER SIGNATUR	1795	5741111240
Ø 600	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	1795	5741111253

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 600	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	1795	5741111279
Ø 600	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2484	5741110186
Ø 600	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2484	5741110199
Ø 600	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2484	5741110380
Ø 600	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2484	5741110335
Ø 600	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	INT. DRIVER	2484	5741110348
Ø 600	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2484	5741110429
Ø 600	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3777	5741110144
Ø 600	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	INT. DRIVER	3777	5741110157
Ø 600	LED 3000K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3777	5741110364
Ø 720	1x100W E27	Brass	I	WHT TEX/WIRE	-	-	-	5741093601
Ø 720	1x100W E27	Copper	I	WHT TEX/WIRE	-	-	-	5741092437
Ø 720	1x100W E27	Copper rose	I	WHT TEX/WIRE	-	SIGNATUR	-	5741111318
Ø 720	1x100W E27	Stainl steel	I	WHT TEX/WIRE	-	-	-	5741092440
Ø 720	1x100W E27	Stainl steel polish	-	WHT TEX/WIRE	-	-	-	5741097908
Ø 720	1x100W E27	Wht	I	WHT TEX/WIRE	-	-	-	5741092424
Ø 720	LED 2700K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	3030	5741093630
Ø 720	LED 2700K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3030	5741093656
Ø 720	LED 2700K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	3030	5741110636
Ø 720	LED 2700K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2630	5741110791
Ø 720	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	1995	5741111347
Ø 720	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	1995	5741111363
Ø 720	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2630	5741110623
Ø 720	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2630	5741110788
Ø 720	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	INT. DRIVER	2630	5741110649

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 720	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2630	5741110801
Ø 720	LED 2700K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3538	5741110775
Ø 720	LED 2700K 96W	Wht	-	WHT TEX/WIRE	DALI	INT. DRIVER	3538	5741110610
Ø 720	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3152	5741093614
Ø 720	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	3152	5741093627
Ø 720	LED 3000K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3152	5741093643
Ø 720	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3152	5741110490
Ø 720	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	3152	5741110500
Ø 720	LED 3000K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3152	5741110717
Ø 720	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	EXT. DRIVER SIGNATUR	2076	5741111321
Ø 720	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	2076	5741111334
Ø 720	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	2076	5741111350
Ø 720	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2736	5741110474
Ø 720	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2736	5741110487
Ø 720	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2736	5741110704
Ø 720	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2736	5741110571
Ø 720	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	INT. DRIVER	2736	5741110584
Ø 720	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2736	5741110720
Ø 720	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3681	5741110458
Ø 720	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	INT. DRIVER	3681	5741110461
Ø 720	LED 3000K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3681	5741110694
Ø 840	1x100W E27	Brass	I	WHT TEX/WIRE	-	-	-	5741093669
Ø 840	1x100W E27	Copper	I	WHT TEX/WIRE	-	-	-	5741092466
Ø 840	1x100W E27	Copper rose	I	WHT TEX/WIRE	-	SIGNATUR	-	5741111392
Ø 840	1x100W E27	Stainl steel	I	WHT TEX/WIRE	-	-	-	5741092479

louis
poulsen

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 840	1x100W E27	Stainl steel polish	I	WHT TEX/WIRE	-	-	-	5741097979
Ø 840	1x100W E27	Wht	I	WHT TEX/WIRE	-	-	-	5741092453
Ø 840	LED 2700K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	3030	5741093698
Ø 840	LED 2700K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3030	5741093711
Ø 840	LED 2700K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	3030	5741110678
Ø 840	LED 2700K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3030	5741110830
Ø 840	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	1995	5741111428
Ø 840	LED 2700K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	1995	5741111444
Ø 840	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2630	5741110665
Ø 840	LED 2700K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2630	5741110827
Ø 840	LED 2700K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2630	5741110843
Ø 840	LED 2700K 96W	Stainl steel polish	-	WHT TEX/WIRE	DALI	INT. DRIVER	2630	5741110681
Ø 840	LED 2700K 96W	Wht	I	WHT TEX/WIRE	DALI	INT. DRIVER	3538	5741110652
Ø 840	LED 2700K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3538	5741110814
Ø 840	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3152	5741093672
Ø 840	LED 3000K 96W	Brass	I	WHT TEX/WIRE	DALI	INT. DRIVER	3152	5741093685
Ø 840	LED 3000K 96W	Brass	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3152	5741093708
Ø 840	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3152	5741110555
Ø 840	LED 3000K 96W	Copper	I	WHT TEX/WIRE	DALI	INT. DRIVER	3152	5741110568
Ø 840	LED 3000K 96W	Copper	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3152	5741110759
Ø 840	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	EXT. DRIVER SIGNATUR	2076	5741111402
Ø 840	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	DALI	INT. DRIVER SIGNATUR	2076	5741111415
Ø 840	LED 3000K 96W	Copper rose	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER SIGNATUR	2076	5741111431
Ø 840	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2736	5741110539
Ø 840	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	DALI	INT. DRIVER	2736	5741110542

Dimension	Light source	Colour	Class	Cable type	Lighting control	Special accessories	Lumen	Variant number
Ø 840	LED 3000K 96W	Stainl steel	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2736	5741110746
Ø 840	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	EXT. DRIVER	2736	5741110597
Ø 840	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	DALI	INT. DRIVER	2736	5741110607
Ø 840	LED 3000K 96W	Stainl steel polish	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	2736	5741110762
Ø 840	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	EXT. DRIVER	3681	5741110513
Ø 840	LED 3000K 96W	Wht	I	WHT TEX/WIRE	DALI	INT. DRIVER	3681	5741110526
Ø 840	LED 3000K 96W	Wht	I	WHT TEX/WIRE	WIRELESS BLUETOOTH	INT. DRIVER	3681	5741110733

Spareparts & accessories

Product	Variant number
PH ARTICHOKE/LOUVRE/LP CENTRUM CANOPY	5741480272
PH ARTICHOKE 480 CANOPY WHT	5741086223
PH ART 720/840 SUSP LED-DA 27K90 W/INT	5741110241

louis poulsen