

LP CIRCLE SUSP

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PRODUCT SPECIFICATION

Product description

Design: Louis Poulsen Lighting A/S

Light Concept: Circle gives a uniformly downward directed comfortable light.
Low luminance in diffuser play of light in the color of the reflector.
Great cut-off angle from the recessed diffuser sitting high into the luminaire.

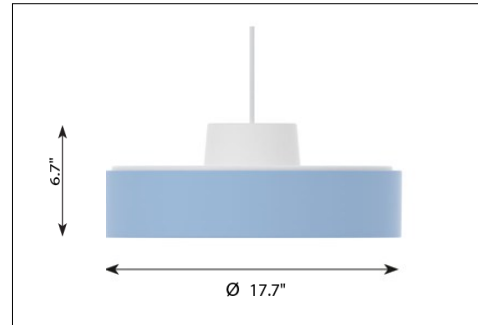
Finish: Black, white, red or blue painted aluminum, powder coated.

Material: Reflector: die-stamped aluminum sheet, powder coated, white/Black/RAL color.
Diffuser: opalescent PMMA.

Mounting: Suspension length: 12 ft. Canopy: White. Cord type: 5 conductor, 18 AWG white PVC power cord.

Weight: Max. 9 lbs.

Label: cULus, Damp location. IBEW.



Product code	Dimension	Light source	Voltage	Finish
LP CIRCLE SUSP	Ø 17.7"	30W LED/3000K 30W LED/4000K	120-277V	BLK WHT RED BLUE

Specification notes:

- a. All LED wattages are system power.
- b. LED variants provided with a 120-277V electronic driver with 0-10V dimming.

Info notes:

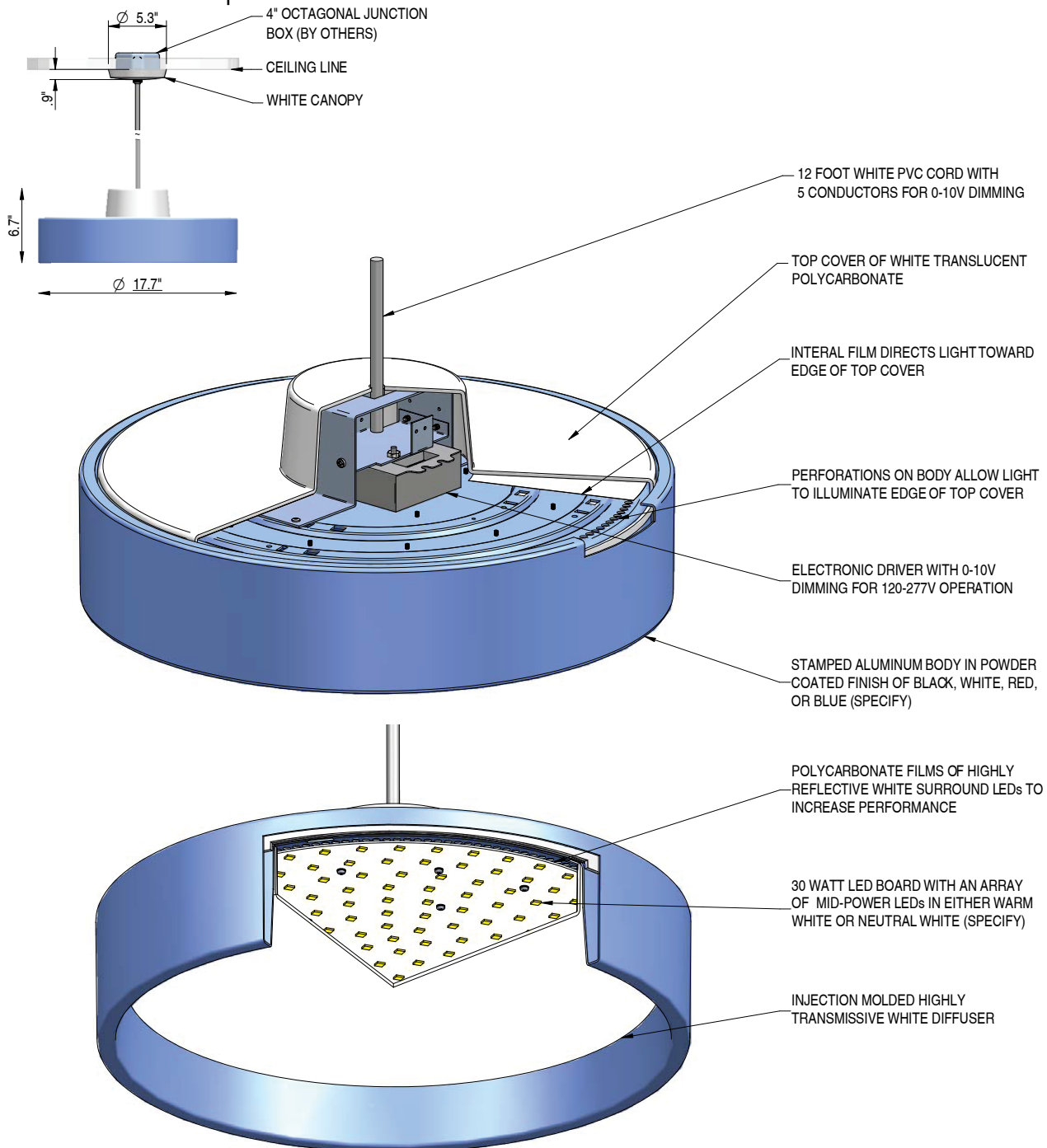
- I. The comparable EU version has the following classification: Ingress Protection Code: IP20.
- II. LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see www.louispoulsen.com.

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Material description

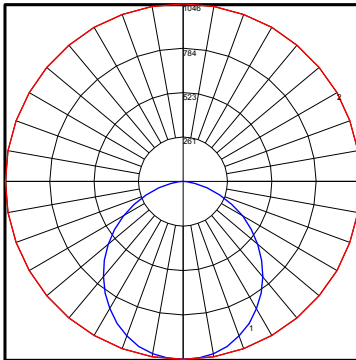


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Light measurements



Photometric Report: LP Circle 450 LED 4000K

Report No: LP Circle 450 LED 4000K

Poulsen Report No: L8324A

Luminaire: LP Circle 450 LED

Lamp: LED 4000K

Description: All data shown are per 2765 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.

Candlepower Distribution

Vertical Angle	Candela
0	1045.8
5	1041.3
15	1003.7
25	920.3
35	800.5
45	654.4
55	492.2
65	316.8
75	146.7
90	0.6
120	1.8
150	1.5
180	1.4

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	381.97	13.80	13.80
0-30	805.68	29.10	29.10
0-40	1306.06	47.20	47.20
0-60	2250.39	81.40	81.40
0-80	2721.89	98.50	98.50
0-90	2756.22	99.70	99.70
10-90	2657.22	96.10	96.10
20-40	924.10	33.40	33.40
20-50	1428.84	51.70	51.70
40-70	1258.52	45.50	45.50
60-80	471.50	17.10	17.10
70-80	157.31	5.70	5.70
80-90	34.33	1.20	1.20
90-110	2.08	0.10	0.10
90-120	3.47	0.10	0.10
90-130	4.94	0.20	0.20
90-150	6.94	0.30	0.30
90-180	8.28	0.30	0.30
110-180	6.21	0.20	0.20
0-180	2764.5	100.00	100.00

Coefficient of utilization- Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20%

Ceiling Reflectance (%)	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	66	59	55	63	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25