

LP CIRCLE SURFACE

Project name:

Project type:

Notes:



Design

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Product description

A series of circular luminaires defined by voluminous ring, bright colors, and a recessed diffuser. Originally designed to provide light and character to an elementary school. Two sizes, four finishes and multiple mounting styles are offered. The diffuser is uniformly illuminated and recessed within the aluminum ring to create a sense of depth, which is augmented by the slightly tapered inner ring wall. The luminaire has a single cast white acrylic cover which has a outer edge glow. Part of a family with a range of mounting options. Available in four colors and two sizes.

Variant options

Dimension	Color	Light source	Lumen	Voltage frequency	Lighting control
10.5 IN	● Black	-	1065	120-277V/60HZ	Dali kelvin adjustable
18 IN	● Pale petroleum	LED 3000K 17W	1082		Dim 0-10v
	○ White	LED 3000K 30W	1126		
	● Yellow	LED 3500K 17W	1144		
		LED 3500K 30W	1233		
		LED 4000K 17W	1252		
		LED 4000K 30W	1334		
			1356		
			1377		
			2341		
			2378		
			2432		
			2471		
			2577		
			2618		
			2706		
			2750		
			2793		

Specification notes

a. Ø 10.5 IN available only in 17W. b. Ø 18 IN available only in 30W.

Light description

Very wide, 100% downward light distribution from the flat diffusing lens. Careful design of LED positioning and modern diffusing materials maximize light transmission while eliminating hot spots and glare. The inner wall of the aluminum ring reflects light for a gentle transition from dark to light regions. The top outer corner of the top cover has a white accent glow. Standard CCT in 3000K, 3500K or 4000K, controlled by electronic driver.

Mounting

Mounts onto a 4" octagonal outlet box. The body of luminaire attaches to mounting frame with four steel clips engaged with a twist-lock rotation. The diffuser has integral tabs for snap-fit into the housing. Electronic, constant current, class II driver for 120-277V operation and 0-10V dimming control housed inside luminaire.

Information

Electrical:
System Wattage: 17W or 30W
LED Wattage: 16 W or 28 W
Delivered lumens: 1,020 - 2,424
Efficacy: 60.0 lm/W - 80.8 lm/W
Certifications:
cULus, Damp Location
Protection class IP20
Controllability: 0-10V Dimming
Color Rendering: Ra≥90

Other functions

Alternative finishes. LED in 2700K, 4000K and 5000K . Alternative dimming controls. Tunable white system.

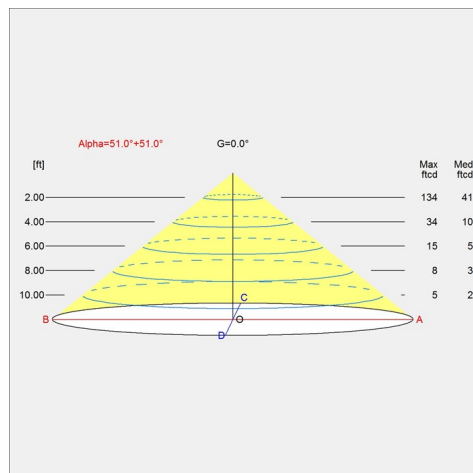
Specification notes

- a. Ø 10.5 IN available only in 17W.
- b. Ø 18 IN available only in 30W.
- c. 4000K Light Source available only with white finish.
- d. Tunable white available only with white finish.

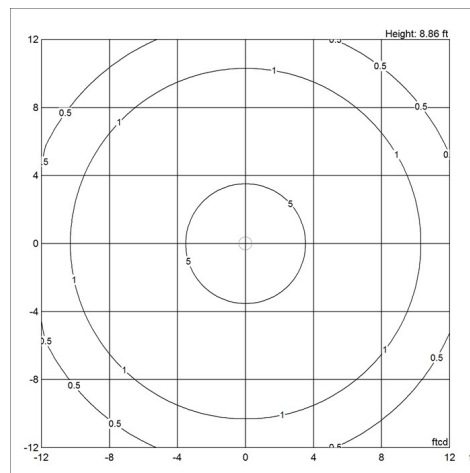
Light distribution diagrams

For the full data set on all variants, see louispoulsen.com.

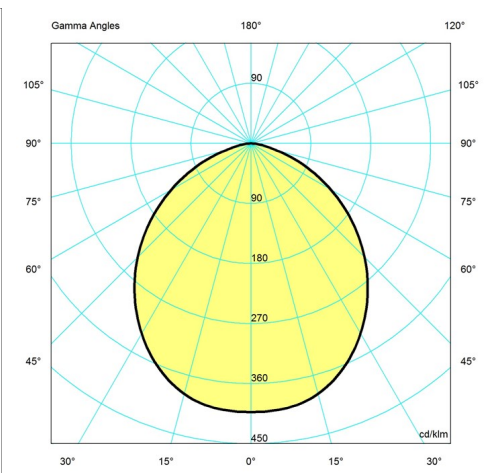
Cartesian



Isolux



Polar



Material

Housing is deep drawn 0.06 IN aluminium. Mounting brackets are 0.06 IN thick aluminium. Diffuser is white acrylic formulated for high light transmission and diffusion. Materials are UV resistant to prevent fading. Internal reflective panel are white MC-PET polycarbonate, 0.03 IN thick. Standard finish are matte surface powder coat with minimum 2 mils thickness in black, white, pale petroleum or yellow.

Weight

Min: 11.001 lbs Max: 5.732 lbs

Dimensions

10.5 IN, 18 IN





















Finish

Black, Pale petroleum, White, Yellow

Voltage

120-277V/60HZ

Variant options

Dimension	Color	Light source	Lumen	Voltage frequency	Lighting control	Variant number
18 IN	 Pale petroleum	LED 3000K 30W	2432	120-277V/60HZ	Dim 0-10v	10000140456
18 IN	 Black	LED 3000K 30W	2341	120-277V/60HZ	Dim 0-10v	10000139814
18 IN	 Black	LED 3500K 30W	2378	120-277V/60HZ	Dim 0-10v	10000139815
18 IN	 White	LED 3000K 30W	2706	120-277V/60HZ	Dim 0-10v	10000139817
18 IN	 White	LED 3500K 30W	2750	120-277V/60HZ	Dim 0-10v	10000139818
18 IN	 White	LED 4000K 30W	2793	120-277V/60HZ	Dim 0-10v	10000139819
10.5 IN	 Black	LED 3000K 17W	1065	120-277V/60HZ	Dim 0-10v	10000139858
18 IN	 Yellow	LED 3000K 30W	2577	120-277V/60HZ	Dim 0-10v	10000140453
18 IN	 Yellow	LED 3500K 30W	2618	120-277V/60HZ	Dim 0-10v	10000140454
10.5 IN	 Black	LED 3500K 17W	1082	120-277V/60HZ	Dim 0-10v	10000140455
18 IN	 Pale petroleum	LED 3500K 30W	2471	120-277V/60HZ	Dim 0-10v	10000140457
10.5 IN	 Yellow	LED 3000K 17W	1233	120-277V/60HZ	Dim 0-10v	10000140458
10.5 IN	 Yellow	LED 3500K 17W	1252	120-277V/60HZ	Dim 0-10v	10000140459
10.5 IN	 Pale petroleum	LED 3000K 17W	1126	120-277V/60HZ	Dim 0-10v	10000140460
10.5 IN	 Pale petroleum	LED 3500K 17W	1144	120-277V/60HZ	Dim 0-10v	10000140461
10.5 IN	 White	LED 3000K 17W	1334	120-277V/60HZ	Dim 0-10v	10000140462
10.5 IN	 White	LED 3500K 17W	1356	120-277V/60HZ	Dim 0-10v	10000140463
10.5 IN	 White	LED 4000K 17W	1377	120-277V/60HZ	Dim 0-10v	10000140464
10.5 IN	 White	-	1334	120-277V/60HZ	Dali kelvin adjustable	10000150264
18 IN	 White	-	2706	120-277V/60HZ	Dali kelvin adjustable	10000150265