

LP CIRCLE SUSPENDED

Project name:

Project type:

Notes:



Design

Mikkel Beedholm/KHR Architecture

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 | - | 1020 | 120-277V/60HZ | Dali kelvin adjustable |
| 18 IN | ● Pale petroleum | LED 3000K 17W | 1036 | | Dim 0-10v |
| | ○ White | LED 3000K 30W | 1083 | | |
| | ● Yellow | LED 3500K 17W | 1101 | | |
| | | LED 3500K 30W | 1194 | | |
| | | LED 4000K 17W | 1213 | | |
| | | LED 4000K 30W | 1315 | | |
| | | | 1336 | | |
| | | | 1357 | | |
| | | | 2356 | | |
| | | | 2394 | | |
| | | | 2424 | | |
| | | | 2463 | | |
| | | | 2564 | | |
| | | | 2605 | | |
| | | | 2655 | | |
| | | | 2697 | | |
| | | | 2741 | | |

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 inch octagonal outlet box. Canopy for the 10.5 IN is white, contoured cone profile, 6.8 IN diameter x 2.8 IN tall. Canopy for the 18 IN: White, flat cone profile, 5.3 IN diameter x 0.9 IN tall. Cord type: 5-conductor, 18 AWG white PVC power cord. Cord length: 12 feet. 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 18 IN luminaire or in the 10.5 IN canopy.

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. Longer cord lengths. LED in 2700K, 4000K and 5000K . Alternative dimming controls. Tunable white system.

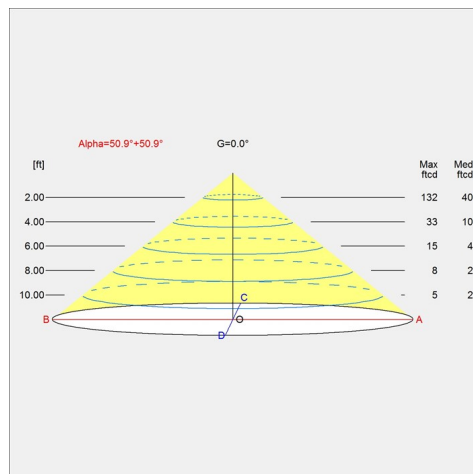
Specification notes

- 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.

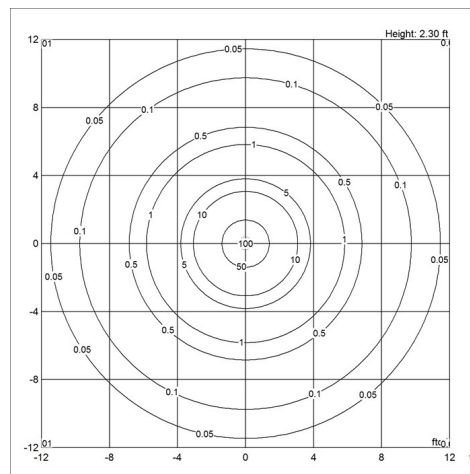
Light distribution diagrams

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

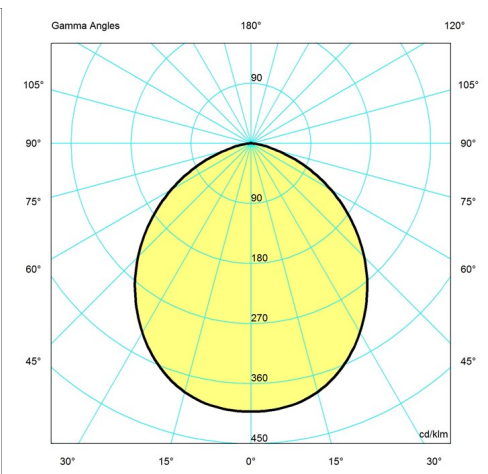
Cartesian



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 |
|-----------|--|---------------|-------|-------------------|------------------------|----------------|
| 10.5 IN |  Pale petroleum | LED 3000K 17W | 1083 | 120-277V/60HZ | Dim 0-10v | 10000140468 |
| 10.5 IN |  Black | LED 3000K 17W | 1020 | 120-277V/60HZ | Dim 0-10v | 10000139859 |
| 18 IN |  Black | LED 3000K 30W | 2356 | 120-277V/60HZ | Dim 0-10v | 10000139860 |
| 10.5 IN |  Black | LED 3500K 17W | 1036 | 120-277V/60HZ | Dim 0-10v | 10000140465 |
| 10.5 IN |  Yellow | LED 3000K 17W | 1194 | 120-277V/60HZ | Dim 0-10v | 10000140466 |
| 10.5 IN |  Yellow | LED 3500K 17W | 1213 | 120-277V/60HZ | Dim 0-10v | 10000140467 |
| 10.5 IN |  Pale petroleum | LED 3500K 17W | 1101 | 120-277V/60HZ | Dim 0-10v | 10000140469 |
| 10.5 IN |  White | LED 3000K 17W | 1315 | 120-277V/60HZ | Dim 0-10v | 10000140470 |
| 10.5 IN |  White | LED 3500K 17W | 1336 | 120-277V/60HZ | Dim 0-10v | 10000140471 |
| 10.5 IN |  White | LED 4000K 17W | 1357 | 120-277V/60HZ | Dim 0-10v | 10000140472 |
| 18 IN |  Black | LED 3500K 30W | 2463 | 120-277V/60HZ | Dim 0-10v | 10000140473 |
| 18 IN |  Yellow | LED 3000K 30W | 2394 | 120-277V/60HZ | Dim 0-10v | 10000140474 |
| 18 IN |  Yellow | LED 3500K 30W | 2741 | 120-277V/60HZ | Dim 0-10v | 10000140475 |
| 18 IN |  Pale petroleum | LED 3000K 30W | 2655 | 120-277V/60HZ | Dim 0-10v | 10000140476 |
| 18 IN |  Pale petroleum | LED 3500K 30W | 2697 | 120-277V/60HZ | Dim 0-10v | 10000140477 |
| 18 IN |  White | LED 3000K 30W | 2564 | 120-277V/60HZ | Dim 0-10v | 10000140478 |
| 18 IN |  White | LED 3500K 30W | 2605 | 120-277V/60HZ | Dim 0-10v | 10000140479 |
| 18 IN |  White | LED 4000K 30W | 2424 | 120-277V/60HZ | Dim 0-10v | 10000140480 |
| 10.5 IN |  White | - | 1315 | 120-277V/60HZ | Dali kelvin adjustable | 10000150266 |
| 18 IN |  White | - | 2655 | 120-277V/60HZ | Dali kelvin adjustable | 10000150267 |