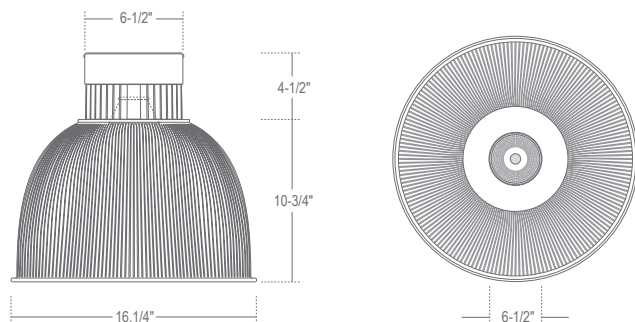


LCALD6H50 - 16" LED SURFACE & PENDANT MOUNT REFRACTOR (2000-6000LM) SURFACE MOUNT ARCHITECTURAL DOWNLIGHT



SPECIFICATION

120V/277V LED

Application: With its contemporary and modern design, the 16" shade allows for proper blending for high ceilings in retail, commercial, and worship installations. The prismatic refractor surrounds the source, reducing glare and providing comfortable ambient light level with horizontal and vertical lumen distribution. Commercial grade ACRYLIC shade absorbs shock and impact. Perfect for low and mid-bay applications.

Driver: 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Thermal Temperature: Heat dissipation facilitated by exposed integral aluminum black heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Available with 1% Deep Dimming Option. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume (-DHL) and Ecosystem (-DEC) option designed for use with LUTRON Ecosystem Controls. Uni-Dim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Safety Labels: ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937. For Wet Location, see DL series.

Housing: Available in All Black, All White and SV/Blk Fins.

Lumens*:** 80 CRI Standard. For 90 CRI, use -C90. Available in 2600Lm, 3700Lm, 4300Lm and 6000Lm.

Beam Spread: Available in 30° Narrow and 70° Wide.

COMPATIBILITY

| | | |
|---|--|--|
| LPCM PENDANT ACCESSORY FOR FLAT CEILINGS | LPCMC CABLE EXTENSION KIT | LPCMJ PENDANT ACCESSORY FOR SLOPED CEILINGS |
| LPTM6 TRACK MOUNT FOR 6" LUMEN CANNON | | |

Note: Wattage limitations on compatible items must be met.

Benefit:

- Shock Absorbent Acrylic Refractor
- 6 High lumen LED packages: 28W/2600Lm, 40W/3700Lm, 50W/4300Lm, & 60W/6000Lm.
- 120V/277V Input Standard (347V Available)
- Exclusive UniDim™ Universal LED Dimming Option works with 0-10V, ELV and Incandescent Control Systems
- Smart DALI, DMX and 0-10V 1% Dimming

Accessories: Pendant kits available in 12", 18", 24", 36", & 48". See website for details.

FEATURE:



ORDERING EXAMPLE : LCALD6H50B101-B30

| LCALD6H50 | HOUSING | LUMENS*** | BEAM SPREAD | DIMMING | LED |
|------------------|-----------------------|--------------------|-------------------------|---|-------------------------------|
| LCALD6H50 | B :All Black | 320 :2600Lm | -B30 :30° Narrow | Blank :Non-Dimming | Blank :3000K |
| | W :All White | 350 :3700Lm | -B70 :70° Wide | -DUN :UniDim™** | -C97 :3000K, 97CRI |
| | S :SV/Blk Fins | 450 :4300Lm | | -D10P1 :0-10V 1% Dimming | -T17 :1700K* |
| | | 550 :6000Lm | | -DMX :DMX Dimming | -T25 :2500K* |
| | | | | -DLI :DALI Dimming | -T27 :2700K |
| | | | | -DINP1 :2-Wire 1% Dimming (120V) | -T27-C97 :2700K, 97CRI |
| | | | | -D10 :0-10V 10% Dimming | -T35 :3500K |
| | | | | -DHL :Hilume 1% Dimming | -T40 :4000K |

* Extended Lead Time may apply. Consult Factory.

UniDim™ not available for 6,000Lm. *Nominal delivered lumens, see photometry page for exact values.

