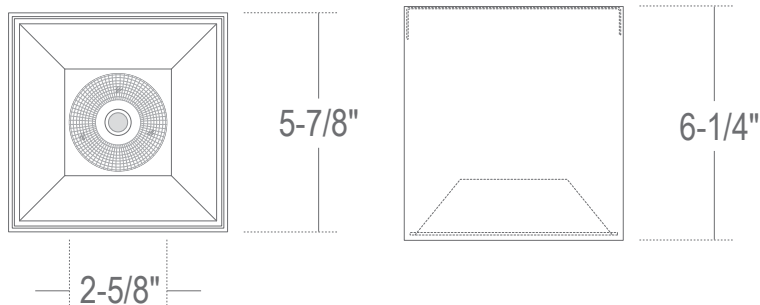


## LCALDQ6 - 6" SURFACE MOUNT LUMENCUBE SURFACE MOUNT ARCHITECTURAL DOWNLIGHT



### SPECIFICATION

120V/277V LED

**Application:** Architectural-grade surface mount LED downlight housing for medium to high ceilings combines energy efficiency with powerful lumen output. Perfect for atriums, churches, lobbies, and airports that have high ceilings.

**Mounting:** Universal mounting hardware allows mounting to all standard electrical junction boxes. Optional pendant cable and stem assemblies available. Mounts to standard 4" Octagonal Electrical Box.

**Driver:** 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver mounted in integral 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:** (-D10) 0-10V dimming option 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™ (UE-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.

**FINISH:** Only available in White.

**LUMENS\*:** Available in 1800Lm (30W), and 3000Lm (30W).

### COMPATIBILITY

|                                                                                                                                                  |                                                                                                                                      |                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>LPCM</b><br><b>PENDANT ACCESSORY FOR FLAT CEILINGS</b> | <br><b>LPCMQ</b><br><b>SQUARE CEILING ADAPTER</b> | <br><b>LPCMJ</b><br><b>PENDANT ACCESSORY FOR SLOPED CEILINGS</b> |
|                                                                                                                                                  | <br><b>LPCM</b><br><b>CABLE EXTENSION KIT</b>    |                                                                                                                                                     |

Note: Wattage limitations on compatible items must be met.

**BEAM SPREAD:** Available in Flood and Wide Flood.

**DIMMING:** Available in Non-Dimming, 0-10V 1% Dimming, DMX Dimming, UniDim™, Lutron Hi-lume and 0% 2-Wire Dimming.

**Assembled in USA**

#### Benefit:

- 2 High lumen LED packages: 30W/1800Lm, and 30W/3000Lm.
- 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
- Field Replaceable Optics

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

### FEATURE:



ORDERING EXAMPLE: LCALDQ6W350-C90

| LCALDQ6 | FINISH   | LUMENS*                                | BEAM SPREAD                      | DIMMING                                                                                                                                                                                                                                                                                        | LED**                                                                                                                                                                                         |
|---------|----------|----------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCALDQ6 | W: White | 151: 1800Lm (30W)<br>320: 3000Lm (30W) | Blank: Flood<br>-B70: Wide Flood | Blank: Non-Dimming<br>UE-D10P1: 0-10V 1% Dimming (120V/277V)+<br>UE-DUN: 120V/277V UniDim™<br>0-10V, ELV, Triac Dimming (5%)+<br>-DIN: 2-Wire 10% Dimming (120V)+<br>-DINP1: 2-Wire 1% Dimming (120V)+<br>-DMX: DMX Dimming ^<br>-DHL: Lutron Hi-lume ^<br>-347-D10: 347V 0-10V Dimming (5%) ^ | Blank: 3000K<br>-C90: 3000K, 90CRI<br>-C97: 3000K, 97CRI<br>-T17: 1700K***<br>-T25: 2500K***<br>-T27: 2700K<br>-T27-C90: 2700K, 90CRI<br>-T27-C97: 2700K, 97CRI<br>-T35: 3500K<br>-T40: 4000K |

\* Nominal Delivered Lumens. See Photometry page for exact values.

\*\*90 CRI for 1,800Lm, 80 CRI standard for 3,000Lm version. For 90 CRI use -C90.

\*\*\*Extended Lead Time may apply. Consult Factory.

^ Not available for Pendant and Cable Extension mounting options.

^(-DINP1), (UE-DUN), (-DIN) and (-D10P1) are available with pendant option for the 151 package only.

(-D10P1) option 10-12 Week Lead Time..

347V Input with 0-10V Dimming available. Consult factory for lead times.