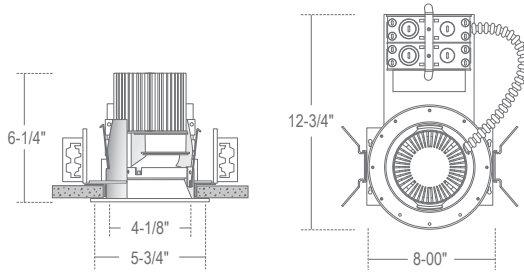


## LHALD425 - 4" Architectural Wall Wash (2000/3000 LM)



### SPECIFICATION

Ceiling cut-out: 4 3/4"

**Application:** Architectural-grade recessed LED downlight housing for medium to high ceilings in commercial and architectural spaces. New second generation housing supports 1400, 2000 and 3000 lumen packages.

**Housing Frame:** 16 gauge galvanized plaster ring with black powder coat finish, friction or V-Spring clips secure trim to housing.

**Mounting:** Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT, 26" C-Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

**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.

**Emergency Options:** Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch and plate cover included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

**Junction Box:** 16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum fitting for flex-conduit.

**Insulation Contact:** Non-IC rated housing must be kept 3" from insulation.

**Trim Construction:** One-piece outer reflector eliminates the need for a secondary trim ring. Heavy gauge aluminum resists ugly dents during shipping and installation. Synthetic thermoformed internal reflector redirects lumen output with precision. Held in place with two steel pressure v-springs for a tight, secure fit and scratch-free removal.

**Power Connection:** LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

**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 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.

**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 damp and wet locations. NYC approved: Calendar #41937.

### FEATURE:



Ordering example: LHALD425C070UE-DLI/L270/LRALD471SSF150

| LHALD425 | DRIVER TYPE                           | OPTION                          | HANGER BAR                                   | FINISH                                       | LUMEN PACKAGE | LED                      | LENS TYPE    |
|----------|---------------------------------------|---------------------------------|----------------------------------------------|----------------------------------------------|---------------|--------------------------|--------------|
| LHALD425 | C070UE :Non-Dimming                   | Blank :None                     | /C260 :C-Channel Hanger Bar Set              | /LRALD471SSF :Satin Reflector & Flange       | 150 :2000 Lm  | Blank :3000K             | Blank :None  |
|          | C070UE-D10 :0-10V 10% Dimming         | -EM2 :Emergency (10W)           | /C260-J :Adjustable C-Channel Hanger Bar Set | /LRALD471SWF :Satin Reflector / White Flange | 240 :3000 Lm* | -C90 :3000K, 90CRI       | -FR :Frosted |
|          | C070UE-DHL :Hilume 1% Dimming         | -GTD :Generator Transfer Device |                                              | /LRALD471WWF :White Reflector & Flange       |               | -C97 :3000K, 97CRI**     |              |
|          | C070UE-DUN :UniDim™ Universal Dimming |                                 |                                              |                                              |               | -T17 :1700K**            |              |
|          | C070UE-D10P1 :0-10V 1% Dimming        |                                 |                                              |                                              |               | -T25 :2500K**            |              |
|          | C070UE-DEC :Lutron Ecosystem          |                                 |                                              |                                              |               | -T27 :2700K              |              |
|          | C070UE-DLI :DALI Dimming              |                                 |                                              |                                              |               | -T27-C90 :2700K, 90CRI   |              |
|          | C070-DIMPZ :2-Wire 0% Dimming (120V)  |                                 |                                              |                                              |               | -T27-C97 :2700K, 97CRI** |              |
|          |                                       |                                 |                                              |                                              |               | -T35 :3500K              |              |
|          |                                       |                                 |                                              |                                              |               | -T40 :4000K              |              |

\* Standard in 3000K, 80 CRI only.

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

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