



The DL is a multi purpose LED utility luminaire that features high quality LED boards from leading component manufacturers. Equipped with a field adjustable sensor, it is ideal for a broad range of applications from stairwells and parking garages to corridors and restrooms

# DL

## Delta series direct led luminaire with integral motion sensor



### Features and Specifications:

#### Construction:

- Housings are die-formed of code gauge steel
- Round Internal linear ribbed polycarbonate diffuser retained by injection molded end caps

#### Sensor:

- Ambient light sensing standard (IR and HF models only)
- Choice of Sensor types (Infrared, High Frequency or Ultrasonic)

#### Listing & Ratings:

- All electrical components are U.L. listed or recognized
- All fixtures are U.L. Certified for Damp Locations and Union made in the USA
- Meets Buy America Act (BAA)
- Select models DLC Listed (<https://www.designlights.org>)

#### Mounting Options:

- Stem, chain, cable or surface mount
- Suitable for installation in closets **when installed in accordance with NEC section 410.16(c)**

#### Driver:

- Universal voltage 120-277V

#### Warranty:

- 5 years - complete fixture (see our terms & conditions page at [www.lamarled.com](http://www.lamarled.com) for details)
- See page 2 for lumen chart dimensions & accessories

Ordering Guide / Example

**DLIR48L-40-2C25**

Correlated Color Temperatures (CCTs) fall within the nominal range as per ANSI C78.377A

| DL             |   | 48              |                                   |  |   |
|----------------|---|-----------------|-----------------------------------|--|---|
| Series         | Sensor options  | Size            | Power                             | CCT  | Options   |
| DL = Delta LED | IR = Infrared<br>HF = High Frequency<br>US = Ultrasonic | 48 = 4' nominal | L = Low<br>M = Medium<br>H = High | 30 = 3000K<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K | <b>IR sensor options: (specify one)</b><br>AS = Adjustable standby<br>BT = Adjustable standby w/Bluetooth (Free App required)<br>2C10 = 2 circuit 100%/10%<br>2C\$' = 2 circuit 100%/\$' %<br>2C" = 2 circuit 100%/" %<br>FO = on/off<br><br><b>HF sensor options: (specify one)</b><br>AS = Adjustable standby (10, 20, 30 or 50% standby)<br>FO = on/off<br><br><b>General Options (ALL):</b><br>EM = Emergency pack >90 min., >500 lumens<br>EMH = Emergency pack >90 min., >1400 lumens |

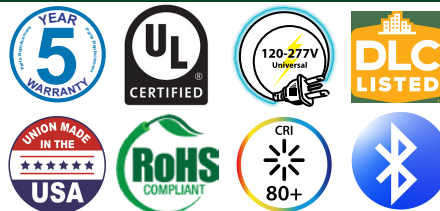
#### Project Information:

Job Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

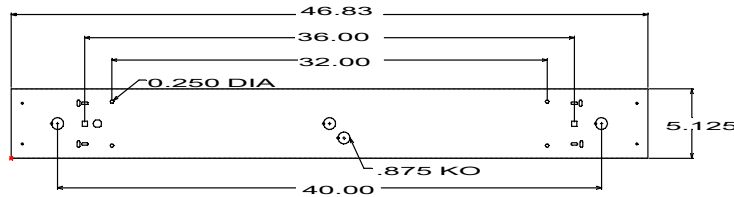
#### Certification & Listings:



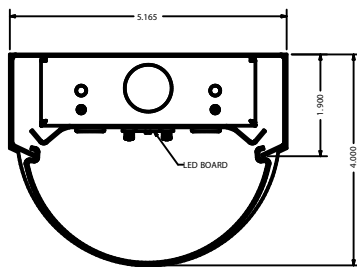
BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

### Dimensions

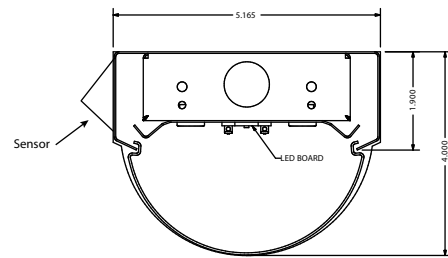
DLHF and DLUS models shown  
add 2.75" to length for DLIR model



DLIR and DLHF models



DLUS model



### LED Lumen/Wattage Chart - 3000K

#### LED Wattage Chart

| Low (L)         | Medium (M)     | High (H)        |
|-----------------|----------------|-----------------|
| 22.5W - 2790 lu | 28.5W - 3356lu | 49.5W - 5935 lu |

#### CCT Multipliers

|       |      |
|-------|------|
| 3000K | 1.00 |
| 3500K | 1.02 |
| 4000K | 1.05 |
| 5000K | 1.08 |

### Sensor & Dimming Options

#### Infrared Dimming Options:

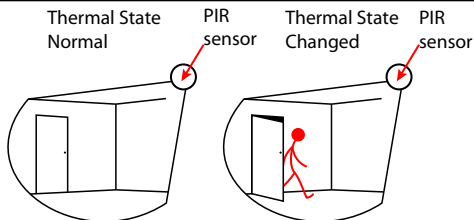
AS - adjustable standby (7 settings) 5-50% standby  
2C5 - 100%/50% standby  
2C2 - 100%/25% standby  
FO - On/Off

#### High Frequency Dimming Options:

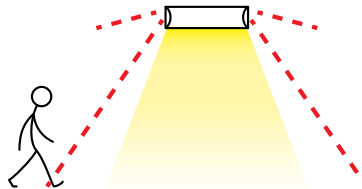
AS - adjustable standby (10,20,30 or 50% standby)  
FO - On/Off

#### Ultrasonic Dimming Features:

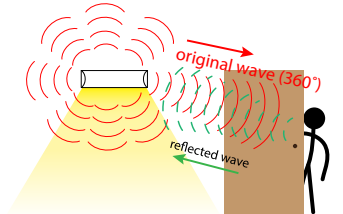
Adjustable standby (10, 25 or 50% standby)  
Can be set to On/Off operation  
Adjustable Time Delay (1, 5 or 20 mins)  
5 minute walk-test mode



Passive infrared (PIR) senses occupancy by detecting the difference between the heat emitted from the human body in motion and the background space. Best for use in areas with: an unobstructed view, high air flow and/or ceiling mount



High frequency motion sensors can detect motion through many materials enabling the sensor to be hidden from view - consult factory to see if an HF sensor is right for your application



Ultrasonic motion sensors are ideal for stairwells and corridors where 360° coverage can detect motion around barriers such as staircases, workspace partitions, shelves and other obstacles in the area. Recommended for use from 8-12ft mounting

LAMAR LED assumes no responsibility for misapplication of fixtures  
Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

Specifications subject to change without notice - Rev 0723