

## FDLED-3"-GIMBAL

### 3" Gimbal Round Recessed LED 8W

#### Type IC & Air-Tight



#### DESCRIPTION

Recessed 3" Gimbal Round LED With Integral Driver In Connection Box  
Fits Where No Other Recessed Fixture Can

**Unique Design: Gimbal Yet Air-Tight Without Housing Needed**

#### FEATURES & BENEFITS

**1 3/4" Thin** - Install Where Ceiling Space Is Limited

**Type IC Rated** - No Housing Required

**Fast & Easy To Install** - Save On Labour

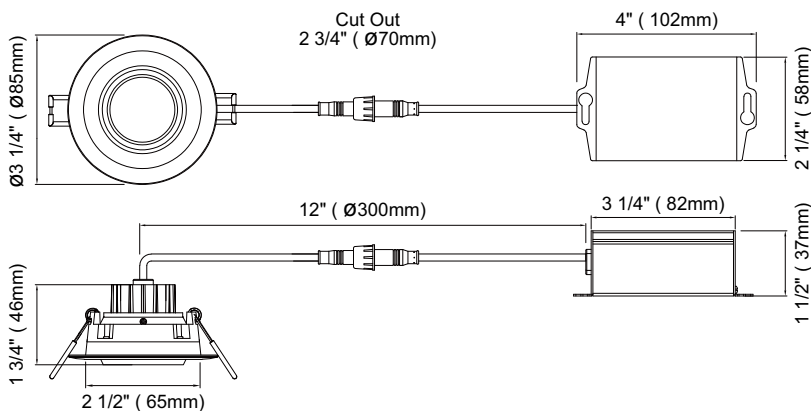
**Driver Inside Connection Box** - No Junction Box Needed

**Directional Beam** - Great for Sloped Ceilings and Highlighting Artwork

**CRI 90** - True Colour Rendering

#### MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips  
Ceiling Clearance Required: 2 1/2" for Romex, 3 1/2" for MC or BX installations



| SPECIFICATION       |  |
|---------------------|--|
| Applications        | Sloped Ceilings, Highlighting Artwork    |
| Energy Used         | 8 W                                      |
| Colour Temperature  | 3000°K                                   |
| Light Output        | 600 lm                                   |
| Halogen Equivalent  | 50 W                                     |
| Beam Angle          | 40° Beam with 30° tilt and 360° rotation |
| CRI                 | 90                                       |
| Driver Input        | 120V AC 50/60 Hz                         |
| Power Factor        | 0.98                                     |
| Dimming             | TRIAC Dimmers 10% - 100%                 |
| Approved Location   | Insulated Ceiling & Damp Locations       |
| Air Tight           | Yes                                      |
| Ambient Temperature | -40°F (-40°C) to +104°F (+40°C)          |
| Projected Life      | 70% Light Output at 50,000 Hours         |
| Certification       | cETLus, Energy Star                      |
| <b>Warranty</b>     | <b>5 Years</b>                           |

Driver Included



#### COMPLIANCE



Available Trims:



White



Black



Brushed Nickel

### CHARACTERISTICS

Unique Design: Gimbal with 30° tilt and 360° rotation, Yet Air-Tight Without Housing Needed

Body: Durable, Die Cast Aluminum Alloy for Optimal Heat Dissipation

Paint: Oil Based Spray Painted - Scratch Resistant And Smooth Finish

LED: Epistar COB Custom Packaged by Hongli Tronic with LM80. Guaranteed 98% Lumen Maintenance After 6,000 Hours

Strict Binning To Ensure Consistent Light Colour

Driver: 4th Generation

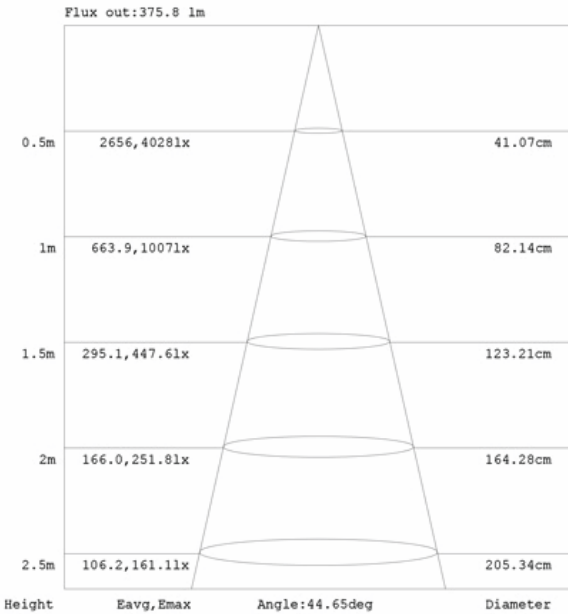
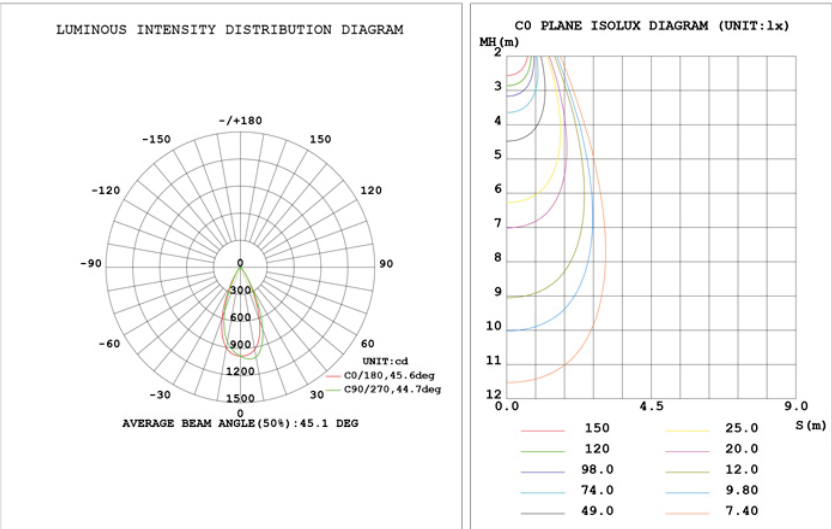
Connection Box: Saves Contractors Labour In Installation On Every Job

Testing: Every Single Driver Is Powered For Minimum 24 Hours Together With The Fixture That It Is Shipped With

Every LED Is Visually Checked Before And After The PCB Is Mounted On The Fixture. NO Random Tests-We Hand Test Every Fixture & Driver.

### PHOTOMETRIC DATA

|   |         |                       |        |                    |          |
|---|---------|-----------------------|--------|--------------------|----------|
| Test:U:119.9V I:0.0610A P:7.253W PF:0.9916 Lamp Flux:632.877x1 lm |         |                       |        | Eff: 87.25 lm/W    |          |
| MODEL   | FDLED   | I <sub>max</sub> (cd) | 1022   | S/MH (C0/180)      | 0.70     |
| NOMINAL POWER (W)   | 0       | LOR (%)               | 100.0  | S/MH (C90/270)     | 0.65     |
| RATED VOLTAGE (V)   | 120     | TOTAL FLUX (lm)       | 632.88 | η UP,DN (C0-180)   | 0.0,54.5 |
| NOMINAL FLUX (lm)   | 632.877 | CIE CLASS             | DIRECT | η UP,DN (C180-360) | 0.0,45.5 |
| LAMPS INSIDE  | 1       | η up (%)              | 0.0    | CIBSE SHR NOM      | 0.50     |
| TEST VOLTAGE (V)  | 120     | η down (%)            | 100.0  | CIBSE SHR MAX      | 0.70     |



### ORDERING GUIDE

Trim Finish  
**FDLED-3-8W-3K** -   
**WH** : White  
**BK** : Black  
**BN** : Brushed Nick  
Order 277V - 347V Optional Driver Separately



### ACCESSORIES

Sold Separately



Low Volage Extension Cables  
**10FT FD-FLEX-10**  
**20FT FD-FLEX-20**  
Rough-In Plates - **FD-MP-3**