



PROJECT

TYPE

DATE

ITEM NO.

NOTE

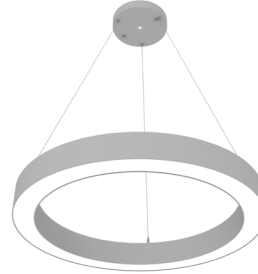
## ARCHITECTURAL CIRCULAR LED PENDANT LIGHT

### DESCRIPTION

The LIR Series makes it an ideal choice for size-restricted architectural applications. Constructed with an extruded aluminum body, circles are available in nominal diameters of 24", 36", 48", this is minimalist halo hanging fixture.

### APPLICATION

A versatile solution for general purpose applications. Ideal for parking garages, corridors, hallways, stairwells, offices, closets, storage rooms, meeting room, show room and spaces that demand energy demand reduction and high-quality light.



### LIR Series

Architectural Circular LED  
Pendant Light



### SPECIFICATION FEATURES

#### Benefits

- Lower installation costs and maintenance costs
- Lower energy costs
- High quality light for a more productive space
- Minimalist

#### Construction

Housing constructed of extruded aluminum. Polycarbonate diffuser lens provides even and consistent light while eliminating pixelation and glare, UGR<20, suspension mount.

#### Finish

Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120-347V input voltage for increased versatility. 0-10V continuous dimming comes standard. Ideal when used in conjunction with controls and sensors. Comes equipped with a quick disconnect for compliance with US code.

#### Optics

The LED light engine and integrated optics deliver enhanced light quality and distribution. The direct light beam angle is 110°.

#### Certifications / Regulatory

cULus listed for damp locations.

#### Warranty

5-year limited warranty. See complete warranty terms for details.

### Quick Ship Product



## ORDERING INFORMATION

Sample Number: LIR-24(40/30/20)/8A-WH-OS

| Series                                               |                                         | Diameter                      |                               | Lumen Package                                                                                                                                               |     |
|------------------------------------------------------|-----------------------------------------|-------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| LIR - Architectural<br>Circular LED Pendant<br>Light | 24 - 24"                                | 24"                           | 24"                           | 36"                                                                                                                                                         | 48" |
|                                                      | 36 - 36"                                | 24(40/30/20)                  | 36(80/70/60)                  | 48(100/90/80)                                                                                                                                               |     |
|                                                      | 48 - 48"                                | - 40/30/20W, 3600/2700/1800lm | - 80/70/60W, 7200/6300/5400lm | - 100/90/80W, 9000/8100/7200lm                                                                                                                              |     |
| CRI                                                  | CCT                                     | Input Voltage                 | Color                         | Mounting Type                                                                                                                                               |     |
| 8 - 80+ CRI                                          | A - Adjustable CCT<br>(5000/4000/3000K) | (Blank) - 120-347V            | WH - White<br>BK - Black      | (Blank) - Suspension mount with 6ft aircraft cable and matching color canopy<br>SMA10 - Suspension mount with 10ft aircraft cable and matching color canopy |     |

| Control Option                                                                                                                                                                                                                                                                                                                 | Emergency Backup                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OS</b> - Bi-level dimming PIR sensor and daylight switch, field install<br>(Required RC-100 Sensor Configuration Tool)<br><b>AWNIR</b> - Lutron Athena wireless node integral fixture control (RF only)<br><b>AWNS</b> - Lutron Athena wireless node integral fixture control<br>(RF with daylight and occupancy sensing) * | <b>Emergency Backup (&gt;90 minutes)</b><br><b>EM8W</b> - 700lm<br>* Not available for LIR-24 install both<br>controls and emergency backup |

\*Recommended to be used at heights of 8-12 feet for optimal coverage.

## SUMMARY

|                 |                                   |
|-----------------|-----------------------------------|
| Input Voltage   | 120-347V                          |
| Input Power     | See energy data for details       |
| Efficiency      | 90 LPW                            |
| CCT             | 5000/4000/3000K Selectable        |
| CRI             | >80                               |
| Power Factor    | >0.90                             |
| Dimmable        | Full Range 0-10V dimming standard |
| Dimming Range   | 10-100%                           |
| Operating Temp. | -22°F to 104°F (-30°C to 40°C)    |
| Rated Life      | 50,000 hours                      |

## ENERGY PERFORMANCE DATA

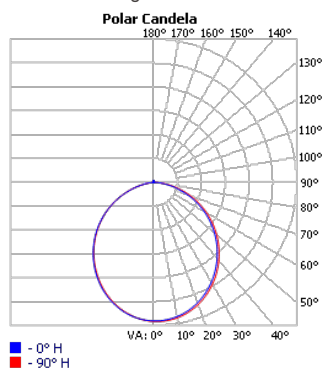
| Form Factor | Part No.             | Rated Wattage(W) | Delivered Lumen (lm) | Efficacy (lm/W) |
|-------------|----------------------|------------------|----------------------|-----------------|
| 24"         | LIR-24(40/30/20)/8A  | 40/30/20         | 3600/2700/1800       | 90              |
| 36"         | LIR-36(80/70/60)/8A  | 80/70/60         | 7200/6300/5400       | 90              |
| 48"         | LIR-48(100/90/80)/8A | 100/90/80        | 9000/8100/7200       | 90              |

\*The delivered lumens above are based on highest wattage and 4000K.

\*\*Default setting at time of shipping are highest wattage and highest CCT.

## OPTICS

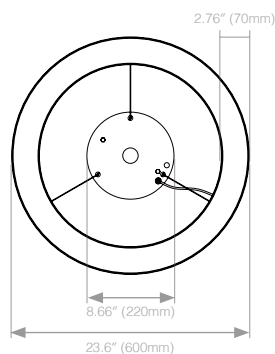
Beam Angle 110°x110°



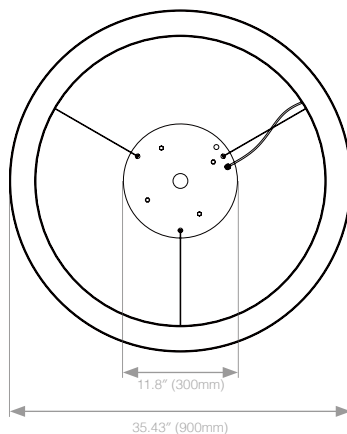
## PHYSICAL PARAMETERS

## DIMENSION

LIR-24



LIR-36



LIR-48

