



## DESCRIPTION

Designed for new construction applications. This 4" luminaire houses a specification grade modular LED down light in a 12W configuration. Incorporation the latest LED technology, this luminaire produces the lumen equivalent of a 75W halogen bulb providing both energy savings and low maintenance costs. Gasketed trim for wet locations and will fit most MR16 trim on the market.

## FEATURES

### Mechanical

- Housing constructed of 0.2" satin coated steel for a robust long life luminaire
- Butterfly style mounting brackets provide up to 5" vertical adjustment which can accommodate 1/2" EMT
- The junction box allows through branch wiring with 3 1/2" knockouts
- UL certified for damp and wet locations with the appropriate trims. See ordering instruction for various options

### Electrical

- 1200 lumens from 12W @ 3000K
- CRI ≥ 81.5
- Modular LED array assembly with colour temperature options of 2700K, 3000K, 3500K and 4000K
- 120-277 VAC high efficiency, high power factor driver ≥ 0.91
- Dimmable driver using 0-10 V protocol with a dimming range of 10-100% or triac

### Optics

- Optical primary reflector of aluminized polycarbonate with various beam angles provides precise beam control with reduced glare
- High efficiency 0.063" thick acrylic lens

### Trim

- Several trim options available
- Standard trim is a die cast aluminum trim with a polyester powder coat in a standard white
- Custom colours are available as options
- A gasketed trim option for use in wet locations. See ordering instructions for various options
- Fits 95% of all MR16 trim on the market

## SPECIFICATIONS

Input Voltage	120-277 VAC (universal)
Wattage	12W
Colour Temp	2700K / 3000K / 3500K / 4000K
Dimming	0-10 V 10%-100% range / triac
Lumen Output	1200 lumens; 93.5 lm/W
CRI	90+
Beam Angle	25° / 40° / 50°
Power Factor	0.91
Lamp Life	50,000 hours
Environment	IP25
Certification	cULus
Warranty	5 years - see published warranty terms for details

\* Product specifications subject to change without notice.

### Photometrics

- Photometrics tested to IESNA LM-79-80 standard by an accredited photometric laboratory

### Thermal Management

- Proprietary heat sink design provides superior thermal management ensuring a minimum of 50,000 hrs of operation while maintaining a minimum of 70% lumen output

### Listings

- Fixture is certified to UL 1598 and UL 8750 standards by UL

### Warranty

- One (1) year warranty against defects in materials and workmanship
- Warranty period is for 5 years when installed according to Revlite installation instructions and the electrical industry best practices. The five (5) year warranty is the direct replacement of LED lamps and drivers for defects resulting in a lumen depreciation of the fixture of 30% or greater



Revlite Technologies Inc

Part #

LR16-1000

Type

Project

Catalog No.

## ORDERING INSTRUCTIONS

### MODEL

LR16-1000

### COLOUR TEMP

27: 2700K  
30: 3000K  
35: 3500K  
40: 4000K

### BEAM ANGLE

25: 25 Deg  
40: 40 Deg  
50: 50 Deg

### LENS

C: Clear  
D: Diffuse

### TRIM

AL: Die cast aluminum white  
CC: Die cast aluminum custom colour  
G: Gasketed trim

### DRIVER

ND: Non-Dimming  
L: Lutron Hi Lume  
PH: Philips 0-10V dimming  
TR: Triac

**Example:** LR16-1000-35-25-C-AL-ND = LR16-1000, 3500K, 25 deg beam angle, clear lens with white aluminum die cast trim for wet locations, non-dimming