

Catalog # :

Project :

Prepared By :

Date :



EG3

LED Enclosed & Gasketed - Angled Lens

For New and Improved EG3 products, please see the LSI web site

The LED EG3 fixture provides excellent lighting in heavy-duty, hi-impact reinforced fiberglass housing. With its 4' vaportight design the LED EG3 is ideal for utility, backroom and cooler applications. Offered with either a frosted or clear lens, both made from high-impact acrylic and symmetrical distribution for outstanding light delivery.

Features & Specifications

Optical System

- Use of closely-spaced medium-power, high-brightness chips minimizes pixelation and provides uniform lens luminance. Available in Cool White (5000K), Neutral White (4000K) and Warm White (3500K) color temperatures. CRI \geq 80 (CW > 70). LM-80 reports available.
- Frosted, injection molded, high impact acrylic is standard. An optional clear lens is also available.

Electrical

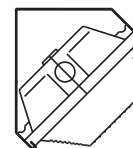
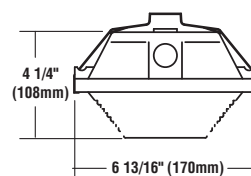
- Projected life of at least 60,000 hours. Contact factory for TM-21 detail.
- Universal voltage (120-277 Vac) input, 50/60Hz. Power factor > 0.9, THD < 20%, in-rush current < 15 Amps.
- High-performance isolated driver features over-voltage, over-current and short circuit (with auto-recovery) protection. Driver module is sealed to IP66 protection levels, with a Class A sound rating. 0-10 volt dimming standard.
- Operating Temperature: -30°C to 45°C (-22°F to 113°F).

Construction

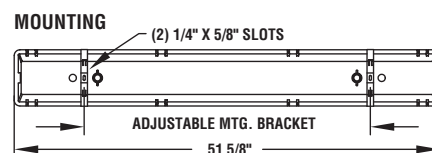
- The inner gear tray is constructed of code gauge steel. The outer housing is constructed of fiberglass reinforced polyester. Gasketing in the housing is constructed of closed cell polyurethane. Conduit entrance is provided at one end. All external hardware and hanging components are constructed of stainless steel.
- All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high-reflectance (minimum 92%) polyester powder.
- IP66, IP67 Certified (comparable to NEMA 6)
- NEMA 4X rated / NEMA 250-2003
- High pressure hose down (1500psi)
- Vaportight design



Dimensions



Shown with EG345MB Accessory





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Features & Specifications (Cont.)

Installation

- Optional stainless steel “V” bracket or “SB” surface bracket accessory
- For surface-mount and suspension-mount applications, accessories are to be ordered separately. See Accessories section.

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.

Performance

LIGHT OUTPUT - EG3 - 4 foot		
	Lumens	Watts
Cool White	7360	60
Neutral White	6450	60
Warm White	6390	60

LED Chips are frequently updated therefore values may increase.



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Luminaire Ordering Guide

TYPICAL ORDER EXAMPLE: **EG3 4 S LED HO CW UE**

Prefix	Length	Distribution	Light Source	Lumen Output	Color Temperature	Voltage	Options
EG3 - LED Enclosed & Gasketed	4 - 4 foot 8 - 8 foot	S - Symmetric	LED	HO - High Output	35 - 3500K 40 - 4000K 50 - 5000K	UNV - 120 - 277V 347V - 347V	TP - Tamper resistant latches and screws SL - Stainless Steel latches 6CNP - 6' foot white cord, no plug EM - 1100 Lm Emergency SD50 - Step Dimming to 50% OCSWL - Occupancy Sensor Wet Location OCSPWL - Occupancy Sensor/Photocell Wet Location (Consult factory for available dimming levels)

Accessory Ordering Information

Description	Order Number
(2) snap-on bails & (2) 10' aircraft cables	EG34AC
(2) snap-on bails & (2) 3' jack chains	EGCHS
(2) snap-on bails & (2) 5' jack chains	EGCHS5
Stainless Steel 45° mounting bracket	EG45MB

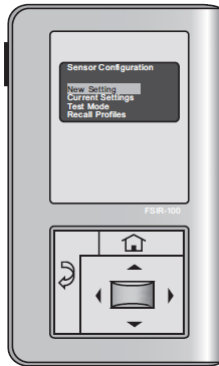


Controls

Occupancy Sensor / Daylight Sensor (IMSO)

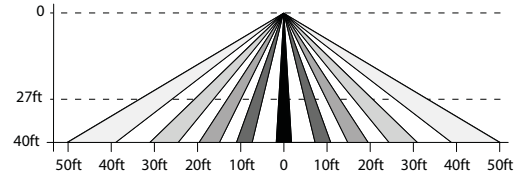
- Optional integral passive infrared motion and daylight sensor activates switching of luminaire light levels. Standard Factory settings: High level light is activated and increased to full bright upon detection of motion. Low light level (30% maximum drive current) is activated when target zone is absent of motion activity for ~5 minutes. See coverage diagram for detection cone. Optional configurator tool allows for easy and safe programming of each luminaire from the ground level.

IMS/PC Remote Configurator Tool

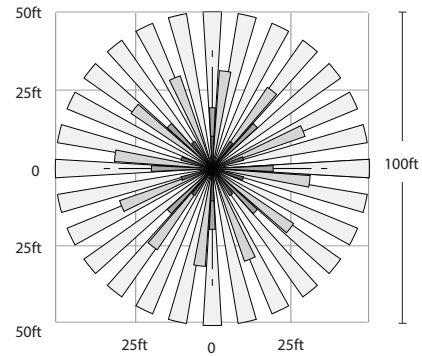


Optional IMS Coverage Diagram

SIDE VIEW



TOP VIEW



Occupancy Sensor (OCSUE/OCSHV)

- Optional integral passive infrared motion activates switching of luminaire on/off. Standard Factory settings: Luminaire is activated and increased to full bright upon detection of motion. Luminaire powers off when target zone is absent of motion activity for ~5 minutes. See coverage diagram for detection cone.

Occupancy Sensor / Daylight Sensor (DHSUE/DHSV)

- Optional integral passive infrared motion and daylight sensor activates switching of luminaire on/off. Standard Factory settings: Luminaire is activated and increased to full bright upon detection of motion. Luminaire powers off when target zone is absent of motion activity for ~5 minutes. See coverage diagram for detection cone.

