

# EGF2LED

Enclosed and Gasketed LED  
Industrial & Commercial

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

## Features

### Body Construction

Constructed of heavy duty high impact molded polycarbonate. Poured in place continuous gasket to prevent moisture and dust infiltration. Fixture includes ten damage resistant polycarbonate latches.

### Lens

Frosted lens is constructed of a heavy duty polycarbonate with lenticular pattern and smooth exterior for easy cleaning. Lens retaining latches hold lens in place when installing lamps.

### Mounting

Can be surface mounted, wall mounted, suspended or in tandem (mounting hardware included). Fixture includes tandem alignment tabs to assist and guide in accurate installation mounting.

### LED Driver

The fixture includes a constant current, 0-10V dimming. Minimum start-up temperature -40°C\* (-40°F) and maximum operating temperature +50°C (+122°F). Pinch locking clips allows for easy opening of driver cover without the

use of tools.

### LED

LEDs modules available in 42 watts, 50 watts and 75 watts producing up to 7600 lumens. These LEDs are available in 3000°K and 4000°K colour temperatures.

### Applications

Ideal for canopies, shipping docks and other non-hazardous environments. Suitable for wet locations

### Additional Options

- Available with optional time adjustable internally mounted occupancy sensor.
- Pre-installed 12", 48" SJTW, 3 x 18 AWG black cord.

### Cross Reference

40W LED replaces T8 2 x 32W FL  
50W LED replaces T8 2 x 32W FL  
75W LED replaces T5 2 x 54W FL

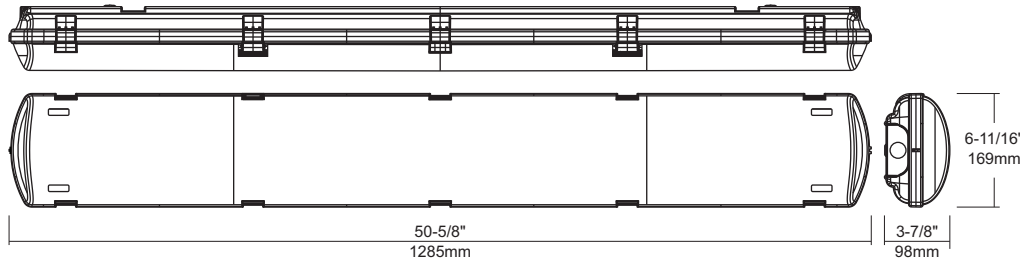
SPECIFICATION	
Application	Surface
Approved Location	Wet
Box Type	Colour
Certification	cETLus
Colour1	Grey
Colour Temperature	3000°K / 4000°K
Dimming	Yes
Dimming Tech.	0-10V
IP Rating	IP66
Lamp Type	LED
LED Driver	Constant current
Lens Type	Frosted
Lumen	3784 / 4600 / 7600 (based on 4000°K)
Lumens per Watt	91 / 94 / 102 (based on 4000°K)
Lumen Maintenance	70% @ 100,000 hrs
Max. Op. Temp.	50°C
Min. Start Temp.	-40°C*
Material	PC
Primary Voltage	120-277V / 347V
Power Factor	>0.9
Warranty	5 years
Wattage	42W / 50W / 75W

\* -40°C is available on request. Standard is -20°C.



## Description

The EGF2LED is a low profile enclosed gasketed LED fixture. Designed for high efficiency and even light distribution. The IP66 rating makes it suitable for wet locations and where dust, dirt, humidity or moisture is present.



**Notes:** Accessories should be ordered separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

## Ordering Guide

EGF2LED	Wattage	Colour Temp.	Voltage	Options
	40 : 42 Watts 50 : 50 Watts 75 : 75 Watts	30K : 3000°K 40K : 4000°K	120 : 120V 347 : 347V	Blank : none OS : Occupancy sensor (120V only) OS4 : 15-Meter occupancy sensor (347V only) L1 : 12" External lead L : 48" External lead OSL1 : Occupancy sensor & 12" lead (120V only) OSL : Occupancy sensor & 48" lead (120V only)

## Accessories



### EGF2-LAT-ST5

Stainless steel latches for use with EGF2 series, 10 pieces (sold separately).

## Fixture performance Chart

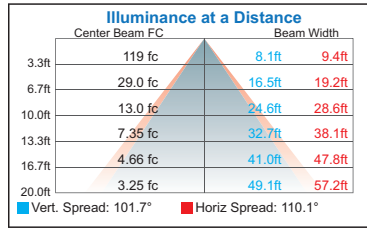
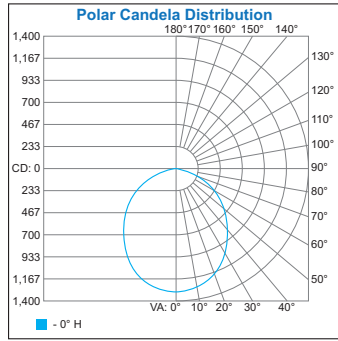
MODEL NO.	LENGTH	EFFICACY	WATTAGE	DELIVERED LUMENS	L70 (hrs.)
EGF2LED-4040K-120	4FT	91.7	41.26	3784	100,000
EGF2LED-5040K-120	4FT	93.6	49.16	4600	100,000
EGF2LED-7540K-120	4FT	101.9	74.61	7600	100,000

\* De-rate light output 9% for 3000°K.

# Photometry

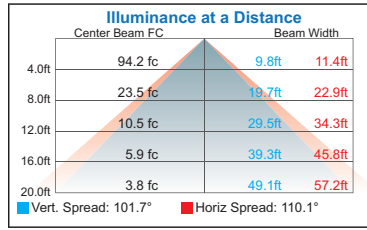
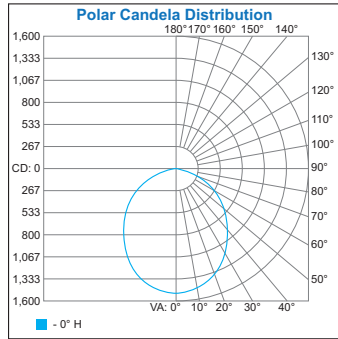
**EGF2LED-4040K** : LED enclosed and gasketed fixture, 42W, 4000°K.

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	985.4	26%
0-40	1,586.6	41.9%
0-60	2,740.0	72.4%
60-90	882.4	23.3%
70-100	536.8	14.2%
90-120	150.1	4%
0-90	3,622.4	95.7%
90-180	161.9	4.3%
0-180	3,784.3	100%



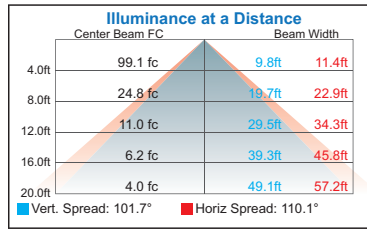
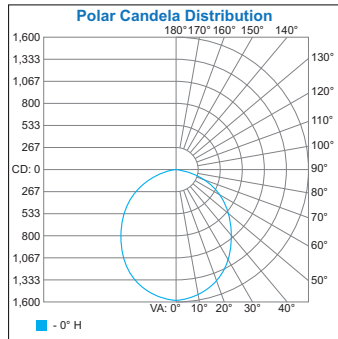
**EGF2LED-5030K** : LED enclosed and gasketed fixture, 50W, 3000°K.

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,141.6	26%
0-40	1,838.2	41.9%
0-60	3,174.4	72.4%
60-90	1,022.3	23.3%
70-100	621.9	14.2%
90-120	173.9	4%
0-90	4,196.7	95.7%
90-180	187.5	4.3%
0-180	4,384.2	100%



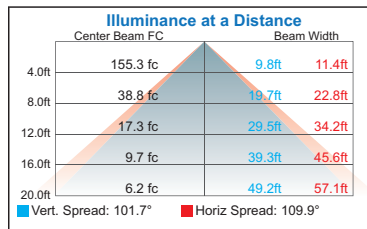
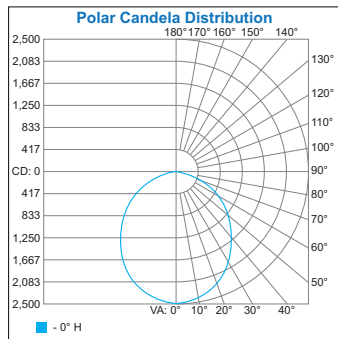
**EGF2LED-5040K** : LED enclosed and gasketed fixture, 50W, 4000°K.

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,201.7	26%
0-40	1,934.9	41.9%
0-60	3,341.5	72.4%
60-90	1,076.1	23.3%
70-100	654.6	14.2%
90-120	183.1	4%
0-90	4,417.6	95.7%
90-180	197.4	4.3%
0-180	4,615.0	100%



**EGF2LED-7530K** : LED enclosed and gasketed fixture, 75W, 3000°K.

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,882.9	26%
0-40	3,032.9	41.8%
0-60	5,241.1	72.3%
60-90	1,696.5	23.4%
70-100	1,035.2	14.3%
90-120	289.9	4%
0-90	6,937.6	95.7%
90-180	310.8	4.3%
0-180	7,248.5	100%



**EGF2LED-7540K** : LED enclosed and gasketed fixture, 75W, 4000°K.

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,982.0	26%
0-40	3,192.5	41.8%
0-60	5,517.0	72.3%
60-90	1,785.8	23.4%
70-100	1,089.7	14.3%
90-120	305.1	4%
0-90	7,302.8	95.7%
90-180	327.2	4.3%
0-180	7,630.0	100%

