

EGLEDF-115N23, EGLEDF-150N13

Big E LED Fixture



Energetic Lighting's Big E LED fixture provides an economical replacement for energy hungry HID fixtures. The 115W and 150W models are designed to emulate the light output of 250W and 400W HID fixtures, respectively, while only running at under 40% of the original wattage. With an L₇₀ lifetime rating of 50,000 hours, further savings will be realized with reduced maintenance costs. Simple cord and mounting ring allows for a quick and easy installation.

Features

- No UV or IR radiation
- Simple and efficient design
- Mercury-free construction
- Uniform illumination light profile
- Cord and mounting ring installation
- 1-ft extension tube included, with optional 2-ft and 3-ft tubes available

Applications

- Warehouse and commercial lighting
- Industrial lighting
- Large area lighting
- Damp Location Installation

*Caution: this LED fixture utilizes an active cooling fan; not recommended for use in environments with high airborne particulates and high humidity.



Specifications

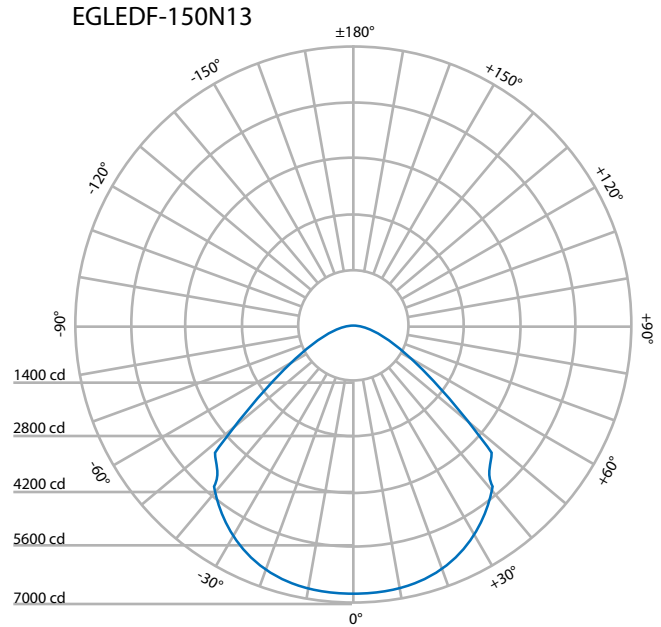
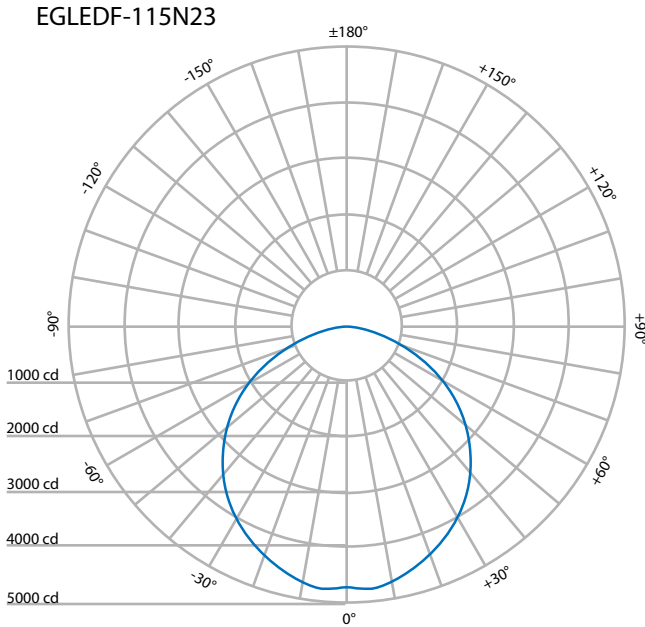
	EGLEDF-115N23	EGLEDF-150N13	
General	Model:	EGLEDF-115N23	EGLEDF-150N13
	Base Type:	EX39	EX39
	Lumen Output:	10000 lm	14000 lm
	Beam Angle:	120°	95°
	Equivalent HID Wattage:	250W	400W
	Electrical	Input Power:	115 W
Input Voltage:		208-277	208-277
Power Factor:		≥0.9	≥0.9
Total Harmonic Distortion:		≤20%	≤20%
Color Temperature (CCT):		5000 K	5000 K
Color Rendering Index (CRI):		<80	<80
Operational	Lifetime:	50000 hours	50000 hours
	Warranty:	5 Years	5 Years
	Dimmable:	No	No
	Operating Temperature:	-4°F to 125°F	-4°F to 125°F
	Environment:	Damp Location	Damp Location
	Weight:	3.2 lbs*	3.2 lbs*
	Dimensions:	14.4-in (L) x 7.5-in (D)	14.4-in (L) x 7.5-in (D)
	DLC Listed:	Yes	Yes

Model numbers contain an alphanumeric suffix code to designate packaging quantity, such as "-VB", "-V2", etc.

*Weight does not account for optional extension rods

Photometric Data

Polar Distribution Chart (units in Candela - cd)



Illuminance Data

Beam angle: 120°

Beam angle: 95°

EGLEDF-115N23	Diameter	Distance	EGLEDF-150N13	Diameter	Distance
48.47 fc (522 lux)	34.10 ft (1039.23 cm)	9.84 ft (3.0 m)	70.90 fc (763 lux)	21.48 ft (654.79 cm)	9.84 ft (3.0 m)
27.26 fc (293 lux)	45.46 ft (1385.64 cm)	13.12 ft (4.0 m)	39.88 fc (429 lux)	28.64 ft (873.05 cm)	13.12 ft (4.0 m)
17.45 fc (188 lux)	56.83 ft (1732.05 cm)	16.40 ft (5.0 m)	25.52 fc (275 lux)	35.80 ft (1091.31 cm)	16.40 ft (5.0 m)
12.12 fc (130 lux)	68.19 ft (2078.46 cm)	19.69 ft (6.0 m)	17.73 fc (191 lux)	42.96 ft (1309.57 cm)	19.69 ft (6.0 m)
8.90 fc (96 lux)	79.56 ft (2424.87 cm)	22.97 ft (7.0 m)	13.02 fc (140 lux)	50.13 ft (1527.83 cm)	22.97 ft (7.0 m)

Zonal Lumen Summary

EGLEDF-115N23

Zone	Lumens	%Total
0-20	1724.16	13.5%
0-30	3631.89	28.4%
0-40	5931.18	46.4%
0-60	10500.88	82.1%
0-90	12784.35	100.0%
0-180	12784.35	100.0%

EGLEDF-150N13

Zone	Lumens	%Total
0-20	2530.71	16.3%
0-30	5398.38	34.8%
0-40	8901.17	57.4%
0-60	14226.64	91.8%
0-90	15499.74	100.0%
0-180	15499.74	100.0%

Dimensions

