



DESCRIPTION & APPLICATIONS

The EPRFL series is a multi-purpose light is classified for use in environments that require the following certifications:

- Class I, Division I: Groups C, D
- Class I, Division II: Groups A, B, C, D
- Class II, Division I: Groups E, F, G
- Class II, Division II: Groups E, F, G
- Class III

The fixture is designed for applications requiring metallic fixtures. Excellent for marine wet and damp locations. Typical applications include solvent and cleaning areas, petrochemical facilities, marine facilities, waste treatment plants, and food processing applications.

Housing is copper free aluminum with clear lens. Fixture comes standard with ceiling mounting brackets, but can be wall, pole, or pendant mounted.

Electrical

Long-life LED system coupled with electronic driver delivers optimal performance. LED's available in 80+ CRI, 4000K & 5000K. Projected L70 rated life is >100,000 hours. Standard electronic drivers are 120-277VAC, 347-480VAC drivers optional.

Listing/Certifications

NEMA 4X IP66

UL1598 / UL844

CSA C22.2 No.137 / No.250.0

UL1598A Marine and Wet Locations

Performance

The EPRFL luminaire offers up to 140 lumens per watt, THD <10%, PF>95. Dimming and 3-hour emergency battery are optional. LED modules and drivers are offered with a standard 5 year warranty based on performance under normal conditions. Consult warranty for details.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



SPECIFICATIONS

Construction: Marine grade, copper free cast aluminum housing

Finish: Enamel gray coat

Lens: Tempered glass

Light Source: 40 - 250-watts (140 lumens/watt)

Available Light Spreads: 40/60/90/120-degree

CRI: 80+

CCT: 4000K & 5000K

L70: 100,000 hour rated life

Power Source: 120-277V, 50/60Hz, 347 & 480V optional

Wiring: 3/4 inch NPT threaded openings

Mounting: Ceiling, wall, pole, pendant

Ambient Operating Temperature:
-40°F to +140°F

Impact: High impact resistance

Maintenance: Replaceable LED board and drivers

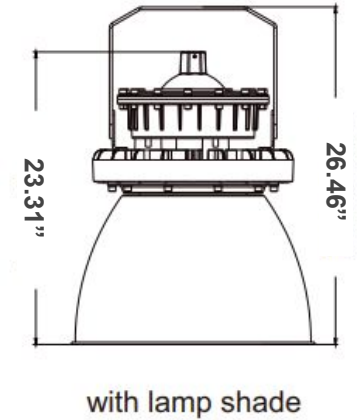
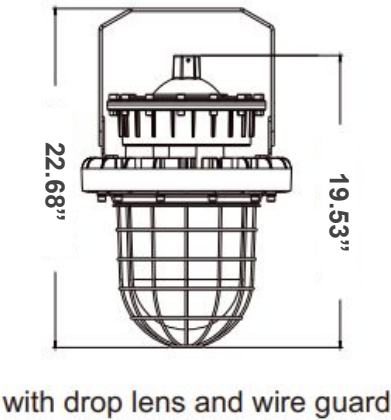
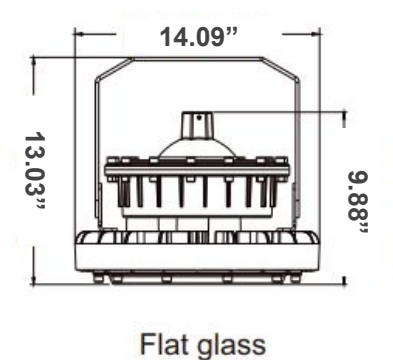
Components: Integrated compartment for driver

Optional Configurations: Dimming, Emergency backup battery

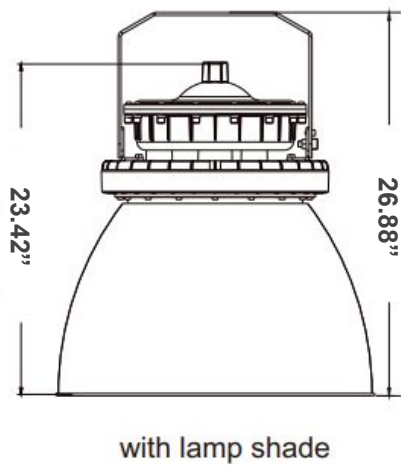
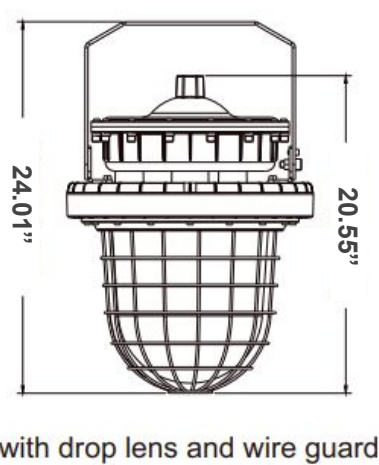
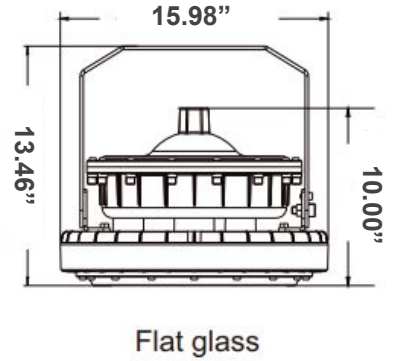
Additional Ratings: IP66 and IK10

DIMENSIONS

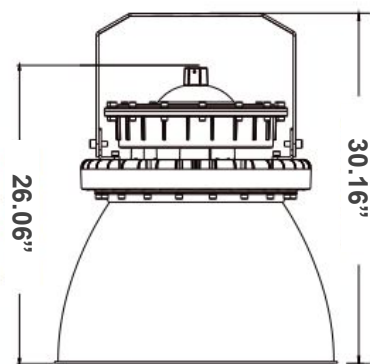
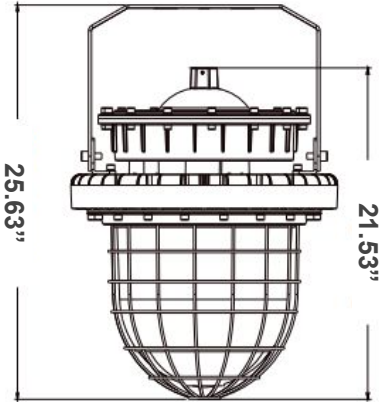
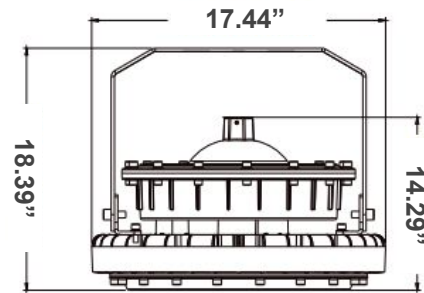
40W / 60W / 80W



100W / 150W

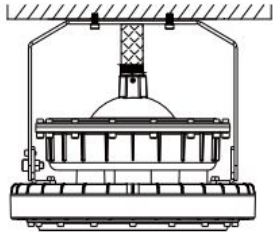


200W / 250W



MOUNTING OPTIONS

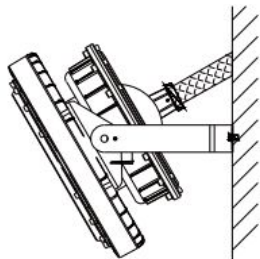
Ceiling Mount



**Trunnion /
Bracket**

Conduit

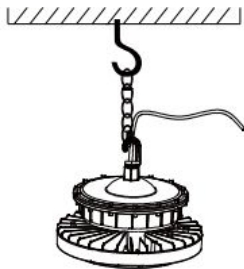
Wall Mount



**Trunnion /
Bracket**

Conduit

Hook Mount

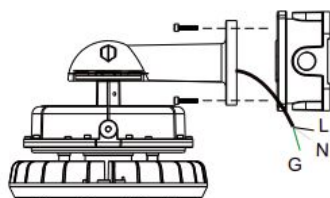


Hook



**Pendant
Chain**

Wall Stanchion + Junction Box



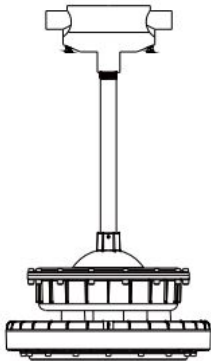
**90-degree
Stanchion**



**25-degree
Stanchion**

MOUNTING OPTIONS

Pendant

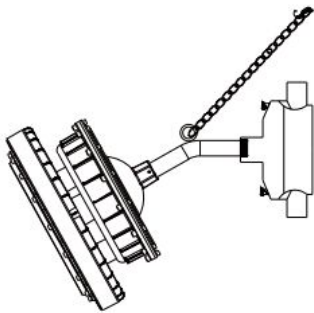


Junction Box



Pendant

Pole - Non-Vertical



Junction Box

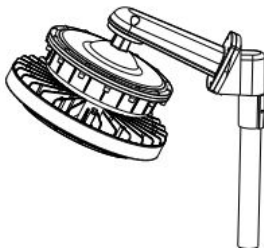


**Bent
Pendant**

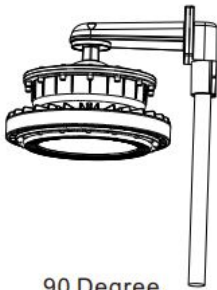


**Pendant
Chain**

Pole Stanchion



25 Degree



90 Degree



**90-degree
Pole
Stanchion**



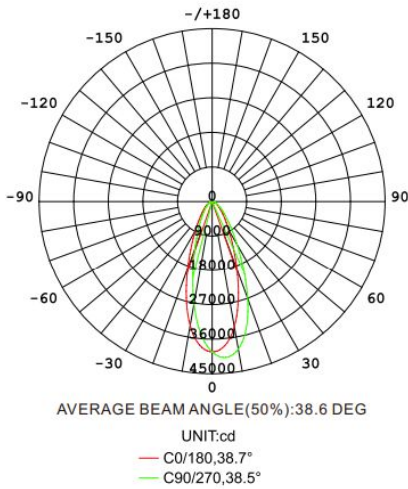
**25-degree
Pole
Stanchion**

WEIGHT & PACKING DIMENSIONS

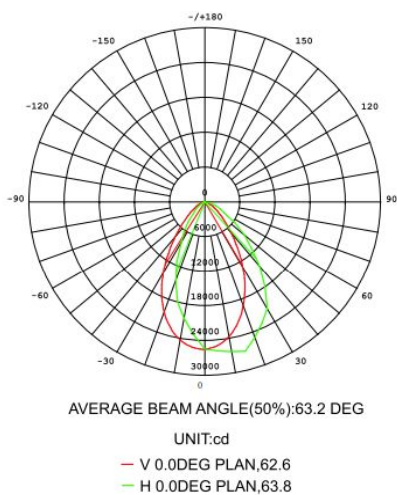
WATTAGE	LUMENS	LUMENS / WATT
40W	5,600 lm	140 lm/w
60W	8,400 lm	140 lm/w
80W	11,200 lm	140 lm/w
100W	14,000 lm	140 lm/w
150W	21,000 lm	140 lm/w
200W	28,000 lm	140 lm/w
250W	35,000 lm	140 lm/w

LIGHT DISTRIBUTION

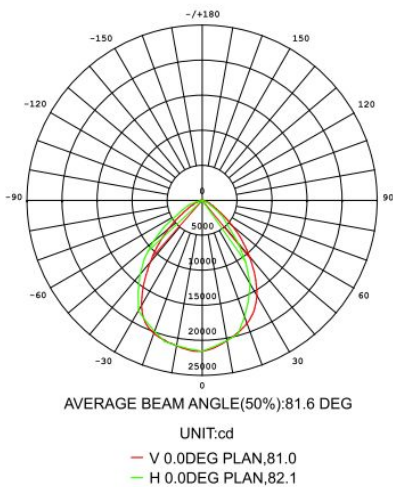
40 Degree



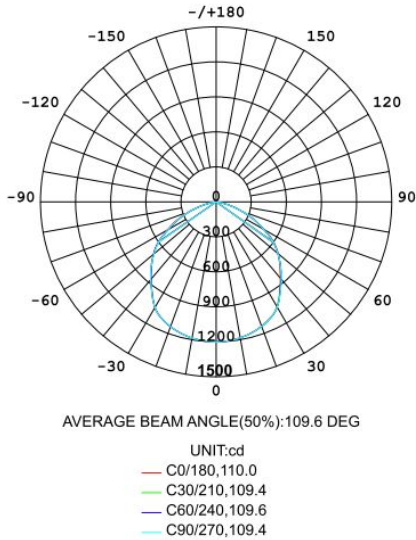
60 Degree



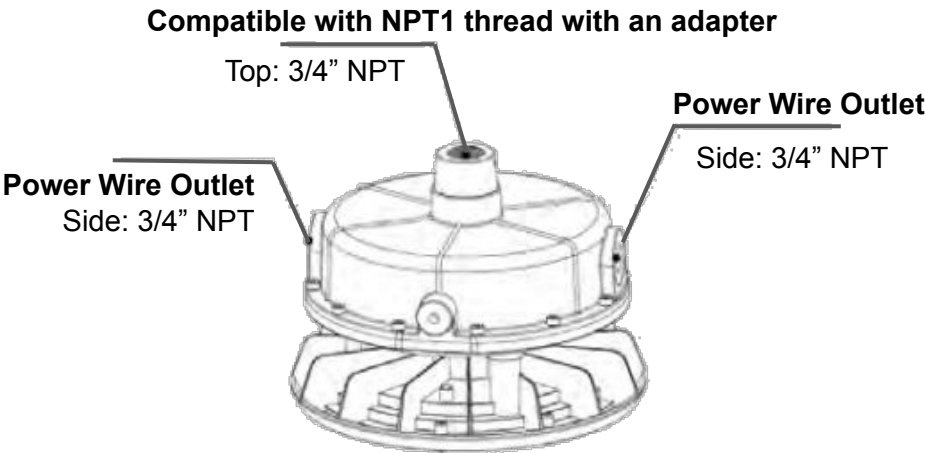
90 Degree



120 Degree



CABLE CONNECTIONS



MODEL CODE OPTIONS

EPRFL					
Series	Wattage	Lens	Mounting	Options	Voltage
EPRFL	40W	FG (flat glass)	C (ceiling)	EM (Emergency Battery)*	UNV (120-277VAC)
	60W		W (wall)	D (Dimming)*	480 (347-480VAC)*
	80W	GGWG (glass globe & wire guard)*	HP (hook pendant)*		
	100W		WMJB25/90 (wall mount w/ junction box)*		
	120W	LS (lamp shade)*	P (pole/pendant)		
	150W		WMJB (pole non-vert.)*		
	200W		S25 / S90 (stanchion)*		
	250W				

EXAMPLE:
EPRFL-100W-FG-S25-EM-UNV

*May come with an additional charge for specific equipment option. Please contact Truex Lighting or authorized manufacturer's sales representative for further pricing information.