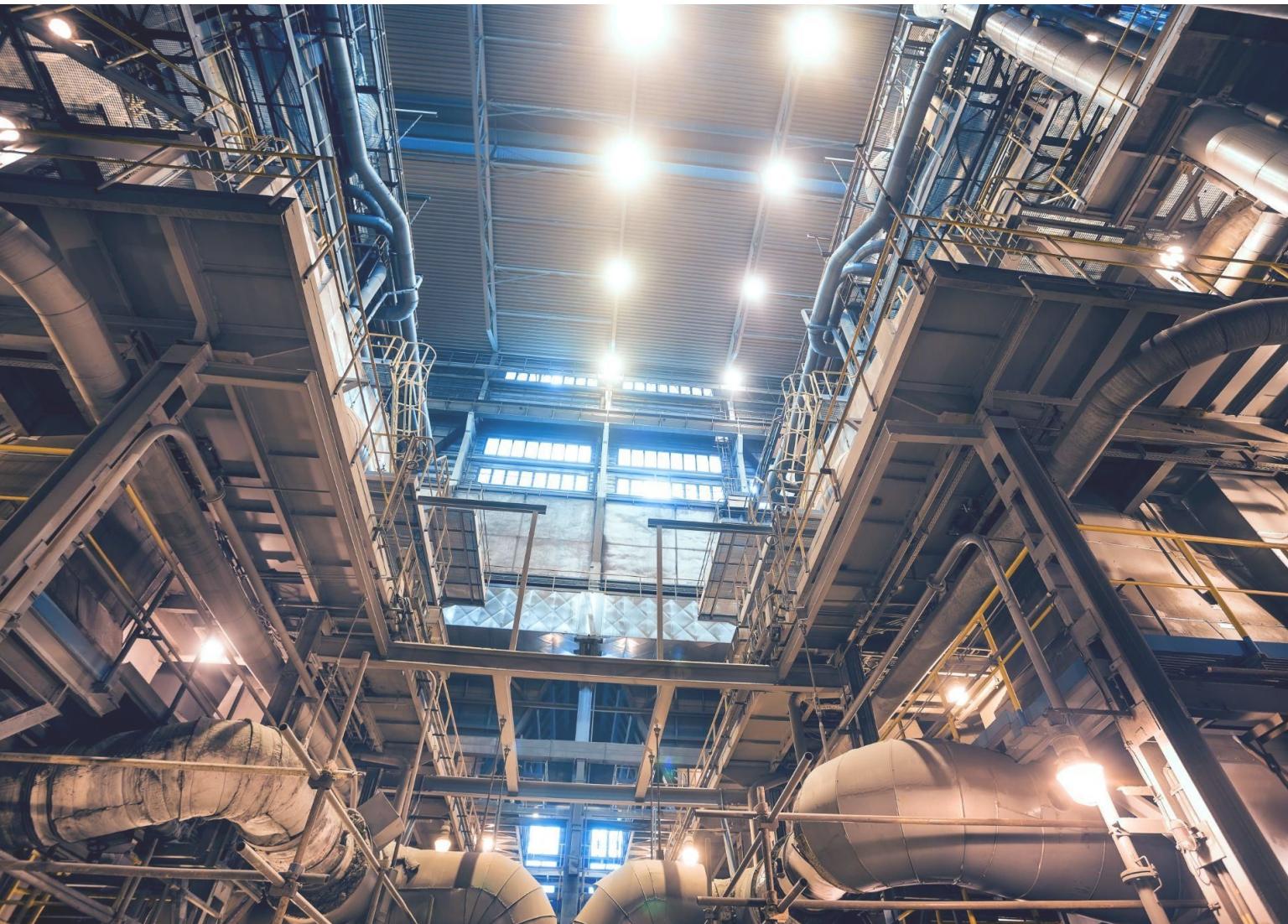


# True<sup>ex</sup> Lighting

EPRFL Series  
Explosion Proof  
LED Multi-Purpose



### 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

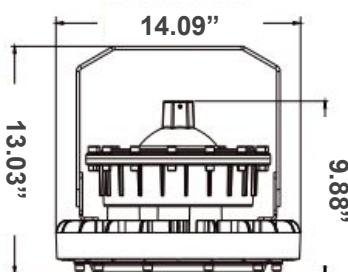
**Components:** Integrated compartment for driver

**Optional Configurations:** Dimming, Emergency backup battery

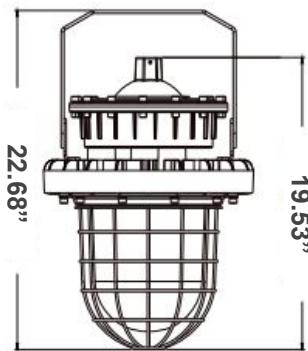
**Additional Ratings:** IP66 and IK10

## DIMENSIONS

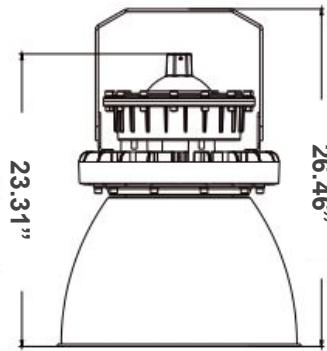
### 40W / 60W / 80W



Flat glass

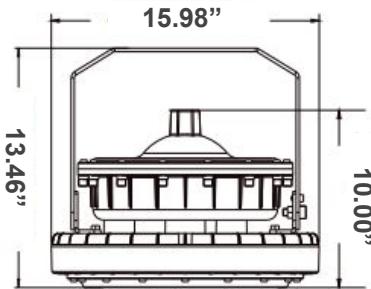


with drop lens and wire guard

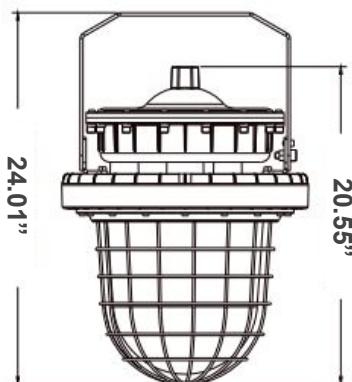


with lamp shade

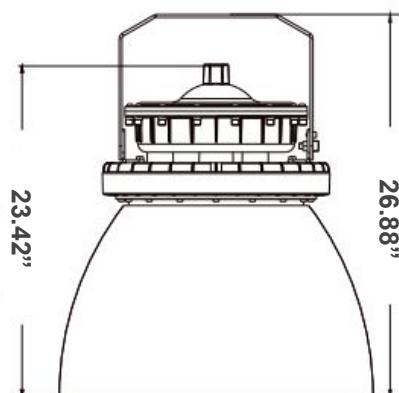
### 100W / 150W



Flat glass

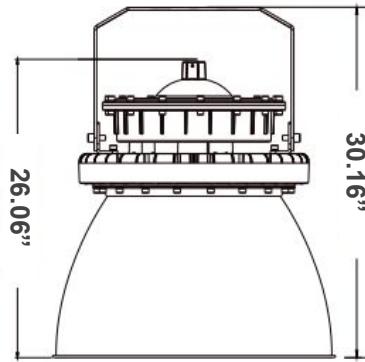
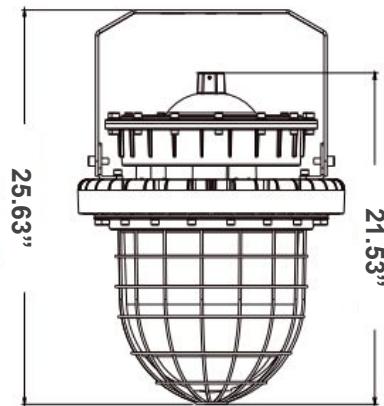
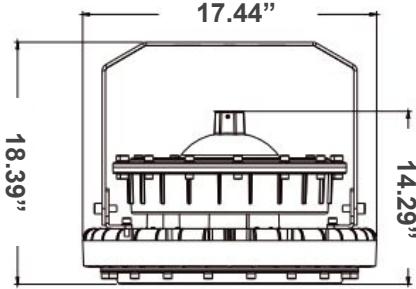


with drop lens and wire guard



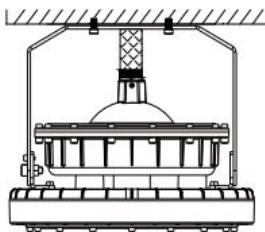
with lamp shade

### 200W / 250W



## MOUNTING OPTIONS

### Ceiling Mount

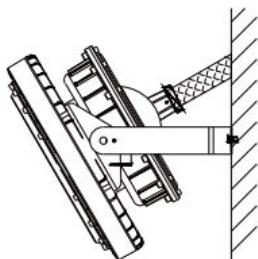


Trunnion /  
Bracket



Conduit

### Wall Mount

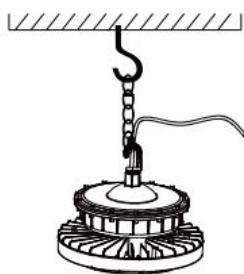


Trunnion /  
Bracket



Conduit

### Hook Mount

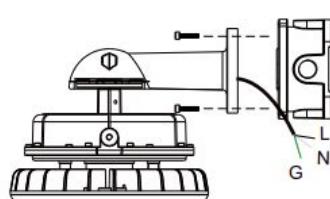


Hook



Pendant  
Chain

### Wall Stanchion + Junction Box



90-degree  
Stanchion



25-degree  
Stanchion

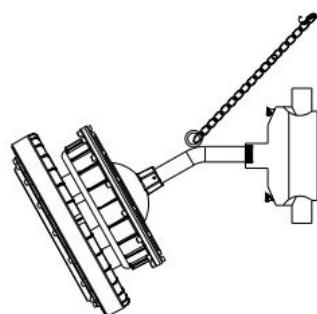
## MOUNTING OPTIONS

### Pendant



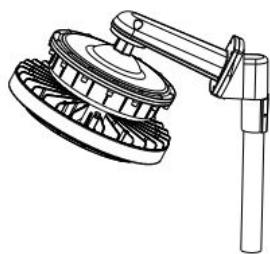
**Junction Box**  
**Pendant**

### Pole - Non-Vertical

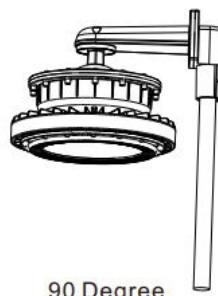


**Junction Box**  
**Bent  
Pendant**  
**Pendant  
Chain**

### Pole Stanchion



**25 Degree**



**90 Degree**



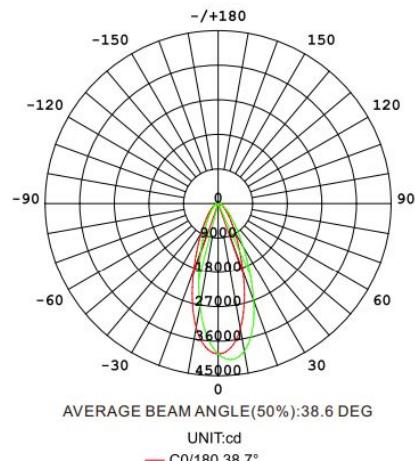
**90-degree  
Pole  
Stanchion**  
**25-degree  
Pole  
Stanchion**

## WEIGHT & PACKING DIMENSIONS

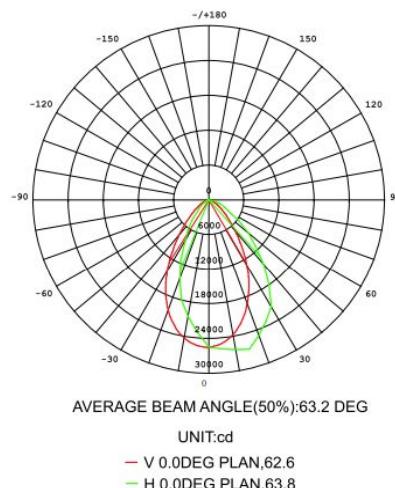
WATTAGE	LUMENS	LUMENS / WATT
40W	5,600 lm	140 lm/w
60W	8,400 lm	140 lm/w
80W	11,200 lm	140 lm/w
100W	14,000 lm	140 lm/w
150W	21,000 lm	140 lm/w
200W	28,000 lm	140 lm/w
250W	35,000 lm	140 lm/w

## LIGHT DISTRIBUTION

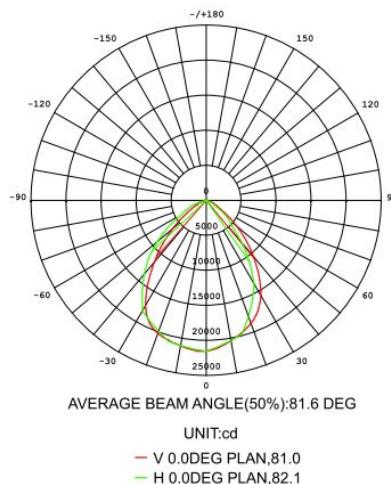
### 40 Degree



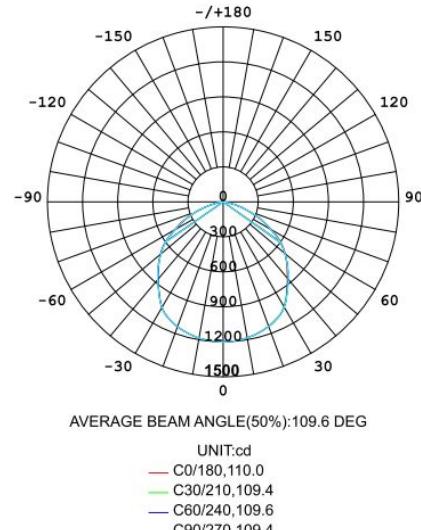
### 60 Degree



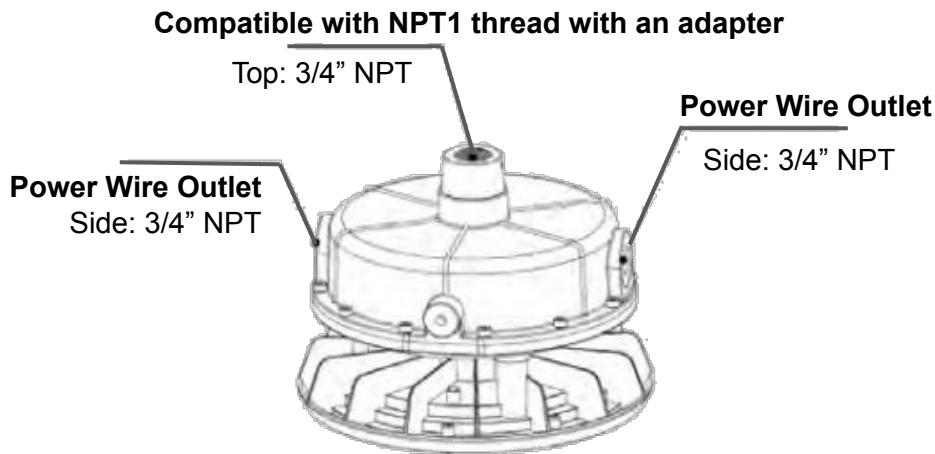
### 90 Degree



### 120 Degree



## CABLE CONNECTIONS



## MODEL CODE OPTIONS

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

**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.