

Project:	
Type:	
Catalog #:	



## Features

- Rating: Hazardous Location Rated
- NSF/ANSI 2 Rated
- IP66 Ingress Protection Rating
- IK10 Impact resistance
- Operating Temp: -40°C to +65°C
- Power Factor: >0.9
- Input Line Voltage: 100-277 or 480VAC
- Input Line Frequency: 50/60Hz
- Warranty 5 years
- Buy American (BAA option)
- Housing White: Standard 304 Stainless Steel
  - Optional 316 Stainless Steel
  - Optional Stainless not painted
- Hardware: 304 Stainless Steel
  - Optional 316 Stainless Steel
- Lens: Polycarbonate Clear
- Safety Interlock Standard



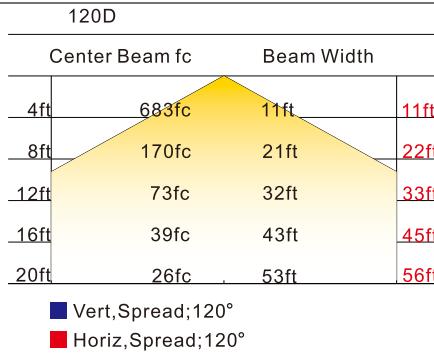
BAA and TAA available. Contact factory for more information and pricing.



## Lumen Chart

	5000K	Ambient Temperature
30W	4,200 lm	30W = -40-65C (T6)
40W	5,600 lm	50W = -40-40C (T5) -40-60C (T5)
50W	7,000 lm	60W = -40-40C (T6) -40-55C (T5)
60W	8,400 lm	

## Photometrics



## Compliance

### UL 844 Hazardous Locations North America

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G (Pending)
- Class II, Division 2, Groups F, G (Pending)
- Class III (Pending)

### Marking Atex

- II 2 G Ex db eb mb IIC T5/T6 Gb
- II 2 D Ex tb IIIC T95°C/T85°C Db IP66

### Marking IECEx

- Ex db eb mb IIC T5/T6 Gb
- Ex tb IIIC T95°C/T85°C Db

### Marking Marine

- UL1598, UL1598A

## Applications

- Power Plants / Heavy Industrial Storage Facility
- Paper Mills / Wastewater Treatment Plants
- Loading Docks / Platforms / Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility
- Mining
- Ocean Marine
- LNG facilities
- Metal Industry

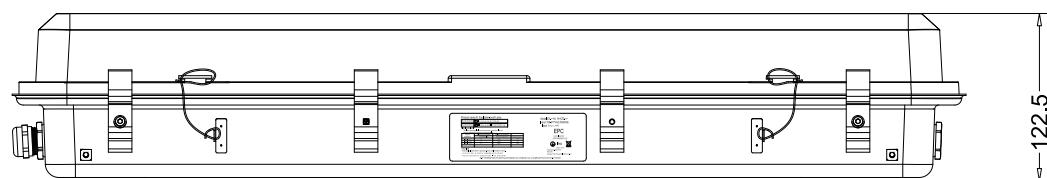
### Other Markings / Standards

- IP66

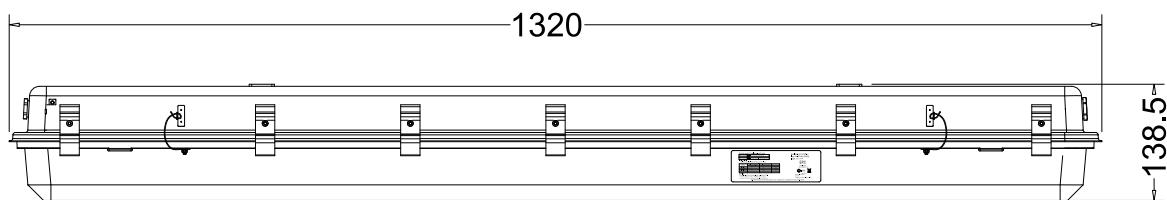
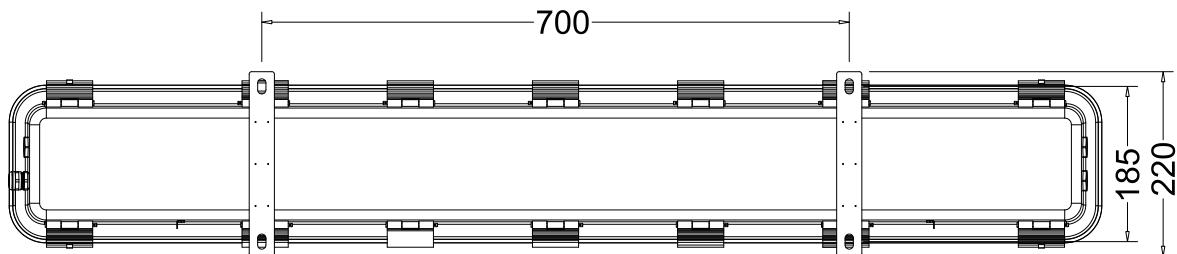
# Product Dimensions (mm)

Hazardous Location LED Luminaire

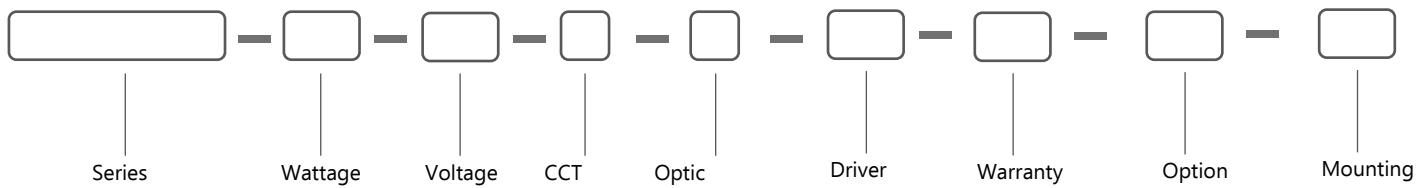
2'



4'



# Ordering Information



<u>SERIES</u>	<u>LENGTH</u>	<u>WATTAGE</u>	<u>VOLTAGE</u>	<u>COLOR TEMP</u>	<u>OPTIC</u>	<u>DRIVER</u>
MID-R	24* = 24"	2 = 20W	A = AC100-277V	I = 4000K <sup>1</sup>	P = 120°	D = 0-10V Dimming
	48** = 48"	3 = 30W	B = AC200-480V	C = 5000K		ND = No Dimming
		4 = 40W				
		5 = 50W***				
		6 = 60W***				

\*24" units are available in 20W / 30W / 40W lumen package

\*\* 48" units are available in 40W / 50W / 60W lumen packages

\*\*\* 4' unit only

## OPTION

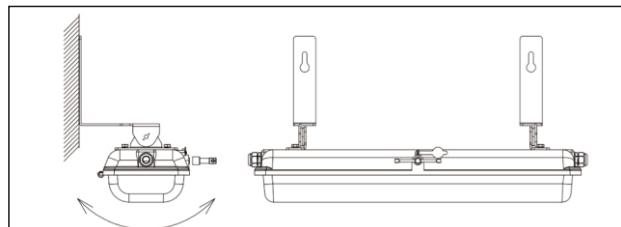
BAA = Buy American Act Compliant  
 TAA = Trade Agreement  
 EM = EM Battery backup 1.5 Hours  
 NP = No White Paint (Stainless Housing)  
 SH = 316 Stainless Steel Housing  
 3H = 316 Hardware

## MOUNTING / ACCESSORIES

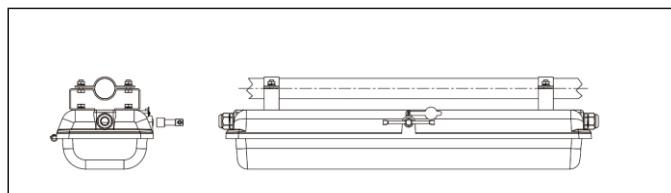
P = Pendant Mount  
 SM = Surface Mount  
 WM = Wall Mount  
 PM = Pole Mount

## WARRANTY

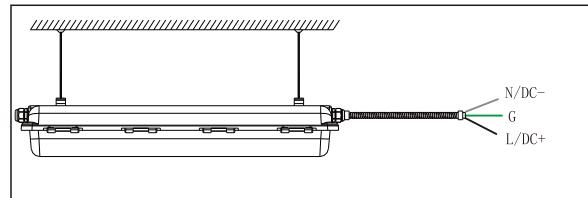
### Wall Mount



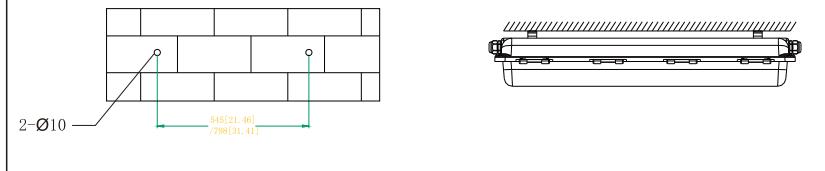
### Pole Mount



### Pendant Mount



### Surface Mount

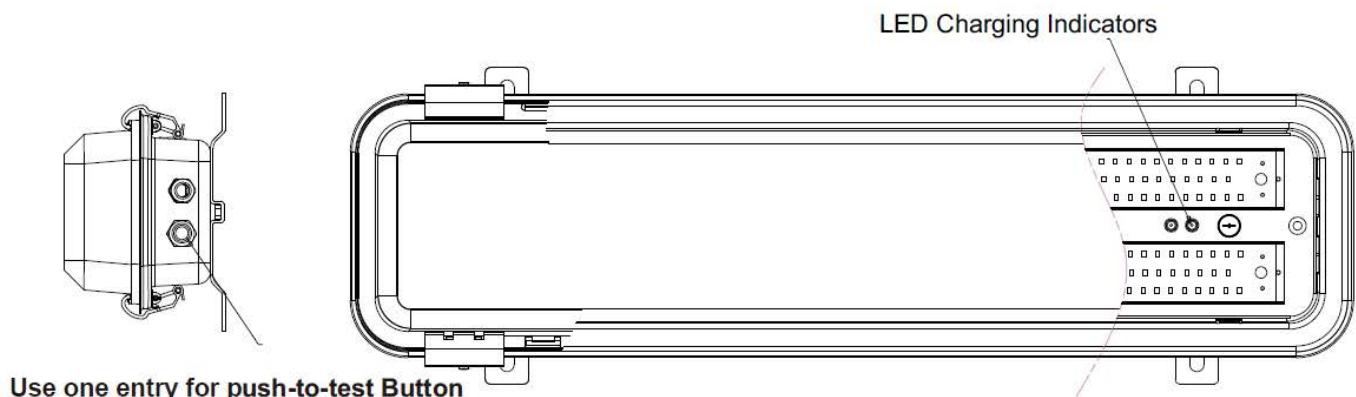


# Emergency Battery Backup Specification

**CAUTION: Sealed unit. Battery not replaceable. Replace entire fixture when being necessary.**

Model	Input Rating				Emergency Output Rating	
	Vac	Hz	Max.mA	Max.W	Vdc	Constant Wattage, W
EM-15W-HL	120-277	50/60	100	7	25-55	15

Model	Charge Time, Hours	Emergency Run Time, Min	Response Time, mS	Rated Ambient Range, °C	Battery Life Expectancy
EM-15W-HL	24	90	< 550	0~60	5 Years



## Indicator Information

Operate Mode	LED Features	YELLOW LED (State LED)	Green LED (Indicate LED)
Charge Mode	Charging		Flash 0.2HZ (5S/time)
	Fully charged		ON
Discharge Mode	Discharge		Flash 1HZ (1S/time)
	Discharge cut-off		OFF
Battery disconnect	Flash 2HZ (0.5S/time)		
LED Lamp disconnect	Flash 2HZ (0.5S/time)		
Battery under voltage	Flash 1HZ (1S/time)		
Battery over voltage	Flash 1HZ (1S/time)		
Function test beginning (once a month)			Flash 2HZ (0.5S/time), flash 5 times
Under function test			Flash 1HZ (1S/time)
Function test failed	Flash 0.5HZ (2S/time)		
Discharge duration test beginning (once a year)			Flash 2HZ (0.5S/time), flash 7 times
Under discharge duration test			Flash 1HZ (1S/time)
Discharge duration test failed	Flash 0.5HZ (2S/time)		