



## EX1102 LED EXPLOSION PROOF ROUND LIGHT

The EX1102 LED Explosion Proof Round Light is designed for hazardous and industrial environments. With options ranging from 3,700 lm to 19,300 lm and wattages from 30W to 157W, it replaces HID fixtures up to 750W. The fixture is sealed and flame-tight, resistant to dust, moisture, and corrosion, and compatible with various mounting types. It supports long life (60,000+ hrs), wide voltage input, and operates in harsh conditions up to 149°F.

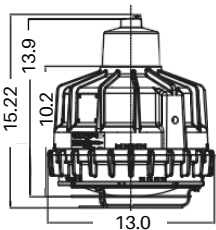
### APPLICATIONS

- Chemical processing plants
- Oil and gas facilities
- Pulp and paper mills
- Foundries
- General manufacturing sites
- Waste and sewage treatment
- Clean Room

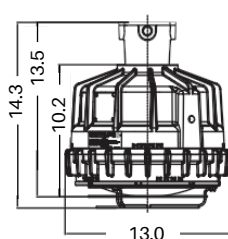
### FEATURES

- Factory sealed, explosion-proof rated
- Copper-free cast aluminum housing
- 60,000+ hour LED life
- Operating temp: -40°F to +149°F
- NEMA Type V light distribution

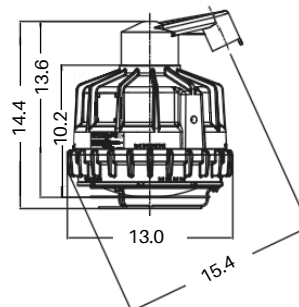
### DIMENSIONS



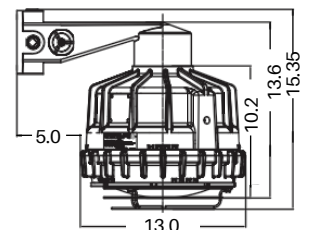
Pendant Mount



Ceiling Mount



25° Stanchion Mount



Wall Mount

Product	
Catalog No.	
Fixture Type	Notes

### SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	30/45/60/76/91/103/132/157W
	Delivered Lumens	3,700-19,300lm
	Lumen Efficacy	120-132lm/W
	Color Temperature	3000K / 4500K / 5000K (Optional)
	CRI (Ra)	≥ 70(5000K) , ≥ 80(4000K / 3000K)
Electrical	Input Voltage	AC120-277V
	Power Factor	N/A
Physical	Housing	Cast copper-free aluminum
	Beam Angle	130°-140°
	Operation Temperature	-40°F to 149°F
	IP Rating	IP 66-67
	Mounting Options	Pendant, Ceiling, Wall, 25° Stanchion
	Dimensions	Ø8.13" × H15.4"

### LIFESPAN AND WARRANTY

Rated Life	60,000 Hrs
Warranty	5Years
Certification	UL, CSA

### CERTIFICATION



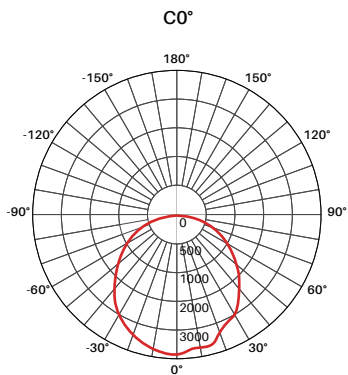
### RATINGS

Class I, Division 1 and 2, Groups B, C, D  
 Class I, Zone 1, Group IIB + H2  
 Class II, Division 1, Group E, F, G  
 Class II, Division 2, Group F, G  
 Class III

# EX1102 LED EXPLOSION PROOF ROUND LIGHT

## PHOTOMETRY

EX1102-103U



Distribution Curve  
C-plane — C0/180 — C90/270

Category	Details (C0°)
Luminous Flux	13,500 lumens
Luminous Efficacy	131 lm/W
Power Consumption	103W
Peak Intensity	1,081.4 cd
Light Distribution	Symmetric, uniform downward
Beam Spread Pattern	Wide, circular
CCT (Color Temp.)	5,000K
Recommended Height	15 ft - 30 ft

## PERFORMANCE DATA

PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	INPUT VOLTAGE	CRI (Ra)	CCT
EX1102	30	123	3,700	AC120-277V AC347-480V	≥ 70 CRI (5000K) ≥ 80 CRI (4000K / 3000K)	3,000/4,000/5,000K (Optional)
EX1102	45	120	5,400			
EX1102	60	132	7,900			
EX1102	76	130	10,000			
EX1102	91	128	11,600			
EX1102	103	131	13,600			
EX1102	132	126	16,700			
EX1102	157	123	19,300			

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## MOUNTING OPTIONS



Pendant Mount



Ceiling Mount



25° Stanchion Mount



Wall Mount

## ORDERING INFORMATION

EX1102						
Series SKU	Wattage	Voltage	CCT	Lens	Mounting	HUB SIZE
EX1102	<b>030:</b> 30W <b>045:</b> 45W <b>060:</b> 60W <b>076:</b> 76W <b>091:</b> 91W <b>103:</b> 103W <b>132:</b> 132W <b>157:</b> 157W	<b>U:</b> 120-277V <b>H:</b> 347-480V	<b>30:</b> 3,000K <b>40:</b> 4,000K <b>50:</b> 5,000K	<b>F:</b> Frosted <b>C:</b> Clear	<b>PM:</b> Pendant Mount <b>CL:</b> Ceiling Mount <b>ST:</b> 25° Stanchion <b>WM:</b> Wall Mount	<b>2:</b> 3/4" NPT <b>3:</b> 1" NPT <b>4:</b> 1-1/4" NPT stanchion <b>5:</b> 1-1/2" NPT stanchion <b>Blank:</b> If using adapter or no hood

LIGHT DISTRIBUTION PATTERN	OPTIONS
<b>VS:</b> NEMA Type V Symmetrical <b>VW:</b> NEMA Type V Wide	<b>G:</b> Lens Guard <b>C:</b> Safety Cable <b>F:</b> Fusing*  *Use of a fuse voids Marine Outside Type (Salt Water) rating.

Example: EX1102-103U-50FWM4VSG  
Lead times will vary depending on options selected.  
Consult with your sales representative.

## MISCELLANEOUS

CONSTRUCTION:  
INSTALLATION:  
OPTICS:  
LISTINGS:  
ELECTRICAL:  
GOVERNMENT PROCUREMENT:

## NOTE