

# HAZ-X G

HAZARDOUS LOCATION LED

**Delivered Lumens:**

1,140 - 5,500 lm

**Wattage:**

10W - 50W

**Efficacy:**

Up to 110 lm/W

**Colour Temperatures:**

2700K - 7000K

**Projected Lumen Maintenance:**

 L<sub>70</sub> @ >100,000 hrs.

The **HAZ-X G** Series is the ideal choice for marine and hazardous applications. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient temperatures can be expected.

**SPHERICAL GLASS & WIRE GUARD**


UL 844 Hazardous Locations  
 Class I Division 1, Group C, D  
 Class I Division 2, Group A, B, C, D  
 Class II Division 1, Group E, F, G  
 Class II Division 2, Group F, G  
 Class III

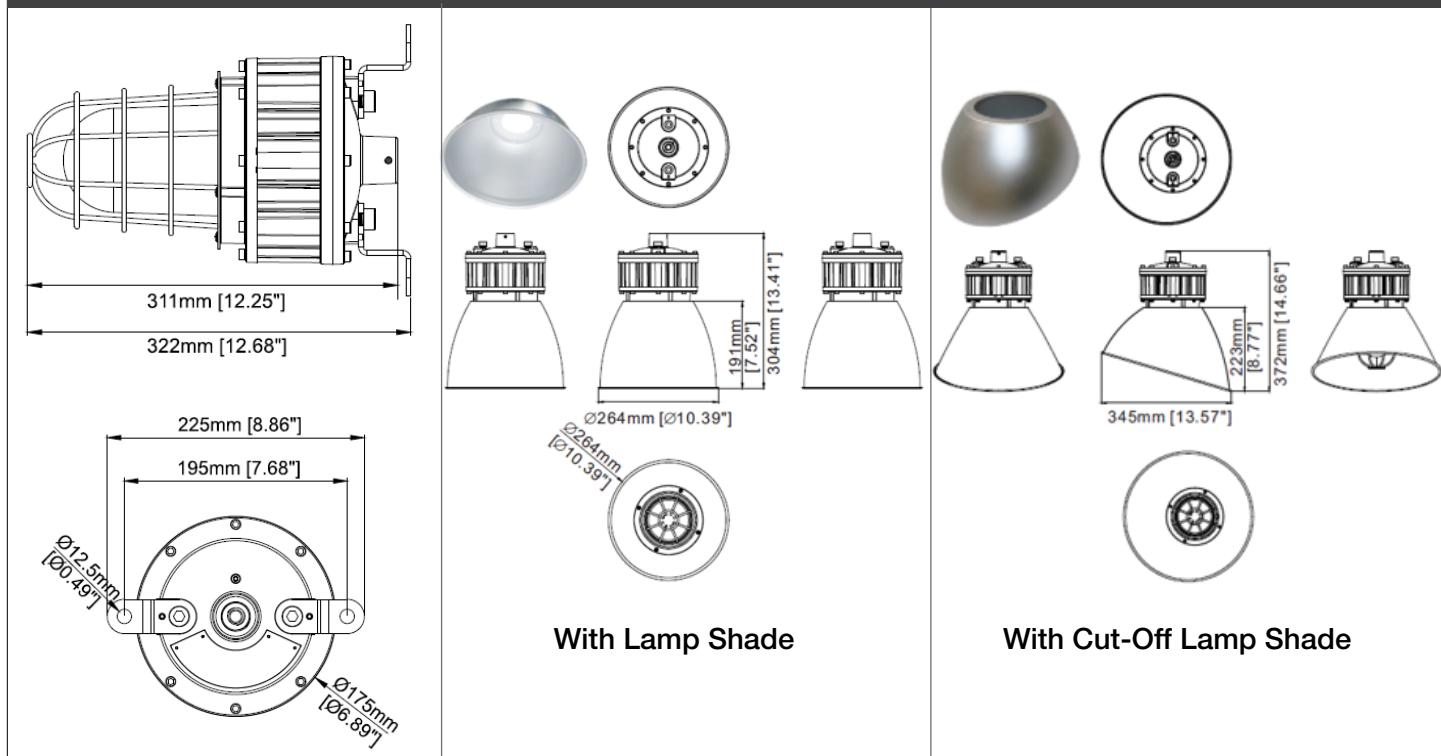
Class I, Zone 1, Group IIB  
 Class II, Zone 21, Group IIIC

## Configurations

SERIES	Fixture Type	OUTPUT	DIMMING	COLOUR TEMPERATURE	DISTRIBUTION
HZEX	G	10W/20W/30W/40W	D (Dimmable)	127 to 70 (2700K to 7000K)	D120 (120 degrees)
			N (Non-dimmable)		

**NOTE<sup>1</sup>:** Specific colour must be specified from 2700K to 7000K in increments of 100K.

## Dimensions (unit: mm [in])

**HZEX-G**


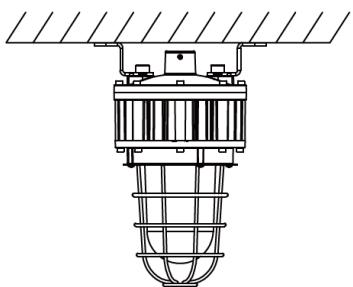
HAZ-X G



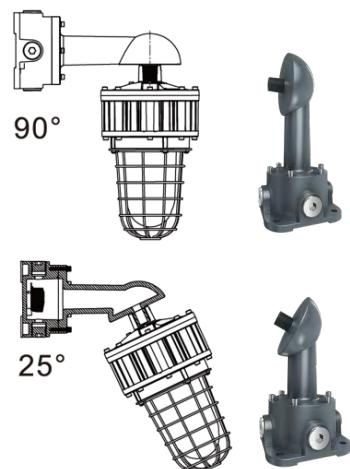
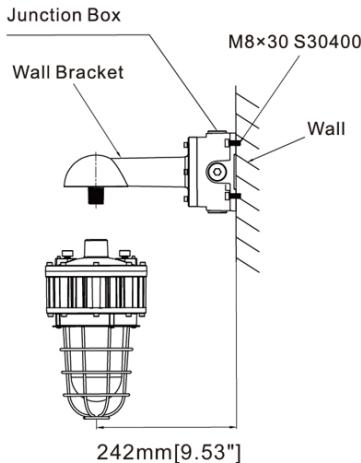
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## Mounting Methods

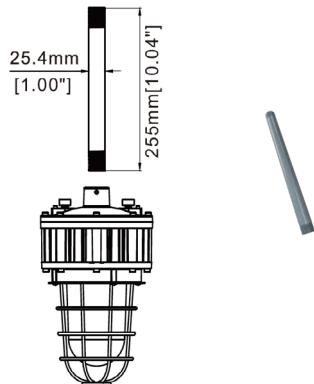
### Ceiling Mount



### Wall Mount



### Pendant Mount (Vertical)



#### APPLICATIONS:

- Power Plants
- Loading Dock Platforms
- Offshore Environments
- Oil and Gas Industry
- Metallurgical Industry
- Chemical Processing Facility
- Petrochemical Processing Facility
- Coal Mine
- Heavy Industrial Storage Facilities
- Wastewater Treatment Plants
- Food and Alcohol Industry

#### HOUSING:

Rugged and resilient housing made of die-cast aluminum material with stainless steel hardware.

#### LENS:

Comes standard with spherical glass and wire guard.

#### ELECTRICAL:

- Available from 2700K to 7000K colour temperature with increments of 100K
- >70 CRI
- Electrical ratings: 120-277V, 277-480V, 120-347V 50/60Hz
- Power factor of  $\geq 0.95$
- 0-10V dimming is optional
- Cable Entry: 3/4" NPT

#### AMBIENT TEMPERATURE:

- -40°C to +60°C; T5

#### MOUNTING:

Standard mounting type is ceiling mount, other mounting options include pole, pendant and wall. This series offers stanchion arms (25° or 90°), or pendant direction adapter for the different mounting options.

#### WARRANTY:

5-Year Standard Warranty.

#### Accessories

ORDER CODE	DESCRIPTION
50002002	HAZ-X EX-HOOK
50002003	HAZ-X JUNCTION BOX
50002004	HAZ-X PENDANT MOUNT
50002008	HAZ-X 25° WALL MOUNT WITH JUNCTION BOX
50002009	HAZ-X 90° WALL MOUNT WITH JUNCTION BOX

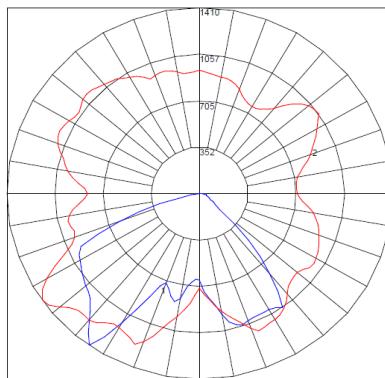
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HZX-EX-G-30W-5000K-D120

## Luminous Intensity Distribution



## Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	323	11
0-30	782	26
0-40	1395	47
0-60	2532	85
0-80	2956	100
0-90	2971	100
10-90	2900	98
20-40	1072	36
20-50	1703	57
40-70	1437	48
60-80	424	14
70-80	124	4
80-90	15	1
90-110	0	0
90-120	0	0
90-130	0	0
90-150	0	0
90-180	0	0
110-180	0	0
0-180	2971	100

## Lumen Specification Table

Model	Watts (W)	Beam Angle	Volt (V)	Current (A)	CCT	Lumen Output	Efficacy	CRI	Life (L70)	Power Factor	THD (%)
HZX-EX-G	20	120°		0.09		2268 lm	110 lm/W				
	30		120-347V	0.33	5000K	2971 lm	99 lm/W	>70	100,000	>0.95	≤20
	40			0.44		3851 lm	97 lm/W				