

HAZ-X I

HAZARDOUS LOCATION LINEAR

Type: _____

Project: _____

Delivered Lumens:
3,000 - 30,000 lm

Wattage:
I2: 20W - 100W
I4: 20W - 200W

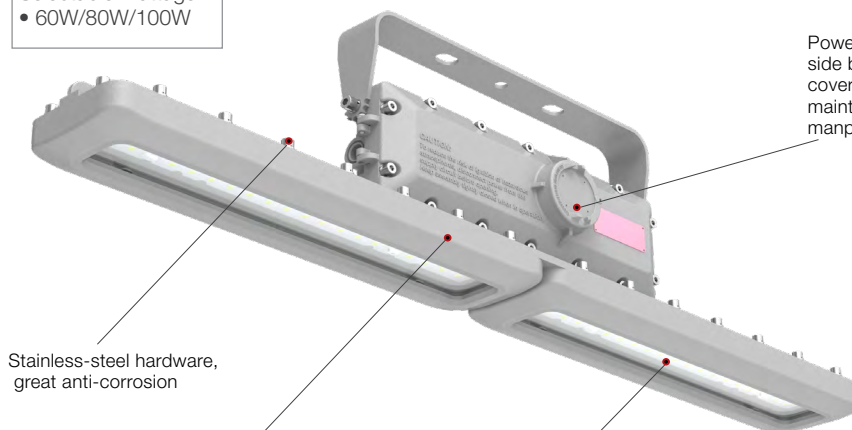
Efficacy:
Up to 167 lm/W

Colour Temperatures:
2000K - 7500K
Selectable:
• 4000K/5000K/6500K

Projected Lumen Maintenance:
L₇₀ @ >100,000 hrs.

I4

Selectable Wattage:
• 60W/80W/100W



Stainless-steel hardware,
great anti-corrosion

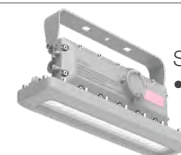
Die-cast aluminum housing,
excellent corrosion resistance
and cooling performance

UV stable and impact resistant
clear diffused tempered glass
lens to minimize glare
Superior SMT LED, efficacy up
to 167 lumens per watt

Power box can be opened from the
side by opening the M75 circular
cover, convenient for installation and
maintenance, significantly saving
manpower and installation time

I2

Selectable Wattage:
• 30W/50W/60W



UL 844 Hazardous Locations
Class I Division 1, Groups C, D
Class I Division 2, Groups A, B, C, D

Class I, Zone 1, Group IIB
Class I, Zone 2, Group IIC

Configurations (Example: HZX-EX-I2-20W-D-50-D120-C-1-M-T-E)

1. SERIES	2. FIXTURE TYPE	3. OUTPUT	4. DIMMING	5. COLOUR TEMPERATURE	6. DISTRIBUTION
HZX-EX	I2	20W/30W/40W/50W/60W/70W/80W/90W/100W	[BLANK] (Non-dimmable) D (Dimmable)	20 (2000K) 30 (3000K) 40 (4000K) 50 (5000K) 57 (5700K) 60 (6000K) 65 (6500K) 75 (7500K)	⁶ D30 (30 Degrees) ⁶ D45 (45 Degrees) ⁶ D60 (60 Degrees) ⁶ D90 (90 Degrees) ⁷ D120 (120 Degrees)
	I4	20W/40W/60W/80W/100W/120W/150W/180W/200W			

7. DRIVER BOX COVER	8. LED TYPES	9. INPUT VOLTAGE	10. DUAL POWER & CCT SELECTABLE	11. EMERGENCY BACKUP
C (Driver Box Cover C-Standard)	¹ 1 (5050 LED) 2 (2835 Single CCT LED Board) ² [BLANK] (2835 Selectable LED Board)	[BLANK] (120-277V) M (120-347V) H (277-480V)	[BLANK] (Not Selectable) ^{3,4} T (Power and Colour Selectable)	[BLANK] (No Backup Power) ⁵ E (Emergency Backup)

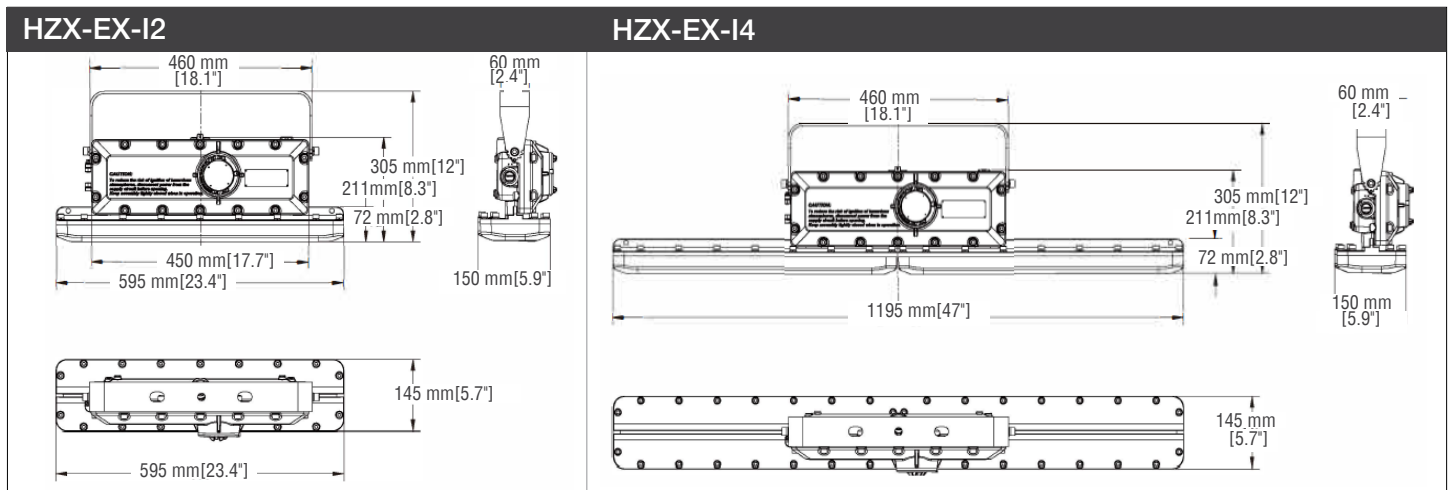
NOTE¹: Not compatible with 120-347V Input; **NOTE²:** Must be selected with Dual Power and CCT selectable; **NOTE³:** Must specify Power Selectable Options: I2: 30W/50W/60W; I4: 60W/80W/100W; **NOTE⁴:** Standard selectable CCT: 4000K/5000K/6500K; **NOTE⁵:** Wattage Compatibility - I2: 40W, 50W, 60W; I4: 40W, 60W, 80W, 100W; **NOTE⁶:** Only available with 5050 LED; **NOTE⁷:** Only available with 2835 LED.

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

HAZ-X I

Dimensions



APPLICATIONS:

- Heavy Industrials Storage Facility
- Paper Mills
- Chemical Processing Facility
- Power Plants
- Petrochemical Processing Facility
- Offshore Environments
- Waste and Water Treatment Plants
- Food and Alcohol Industry

HOUSING:

Die-cast aluminium housing with stainless steel hardware.

DIMMING

Optional dimming is 0 - 10V dimming down to 1%.

LENS:

This series comes standard with UV stable and impact resistant clear diffused tempered glass lens to minimize glare.

OPERATING TEMPERATURE:

- I2: -40°C to +65°C; T5/T6
- I4: -40°C to +65°C; T5/T6

MOUNTING:

Standard mounting type with U-Bracket (yoke) mount and this series also offers the following accessories:

- Pole mount
- Pendant chain ex-straight chain
- Junction box
- Pole -straight pipe

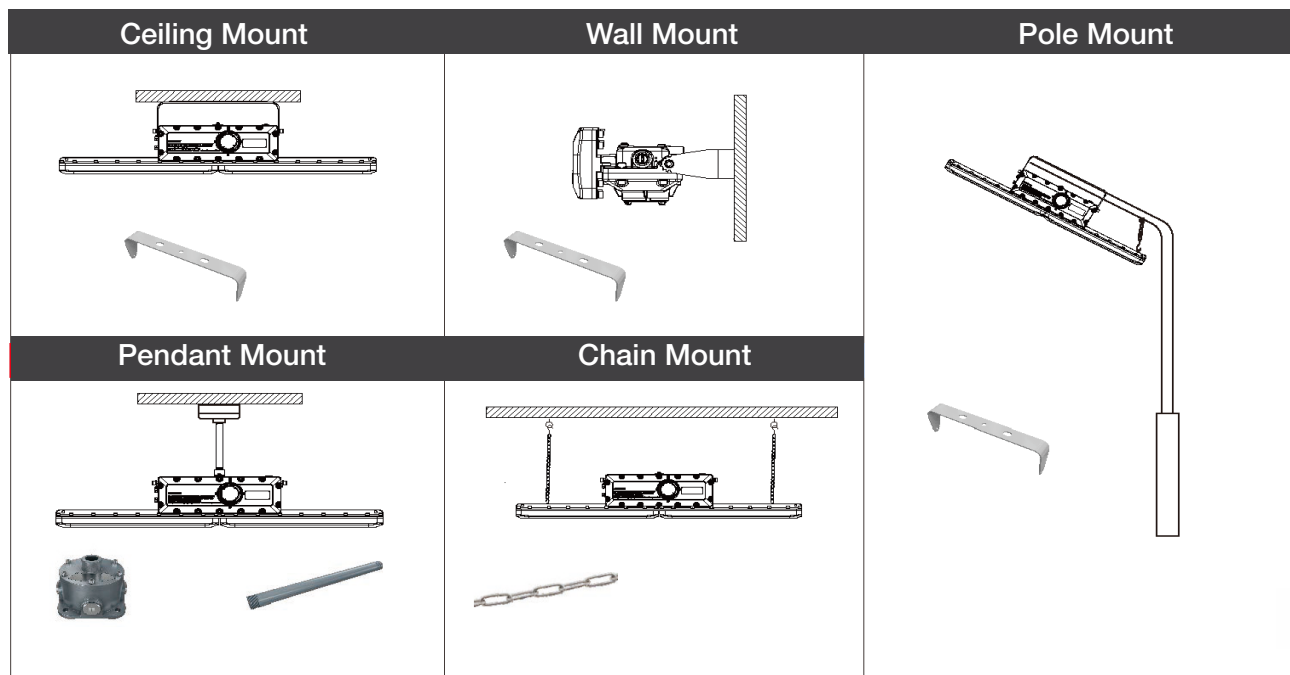
ELECTRICAL:

- Available in 2000K, 3000K, 4000K, 5000K, 5700K, 6000K, 6500K, and 7500K colour temperatures
- >70 CRI
- Input Voltage: 120-277V, 270-480V, 120-347V; 50/60Hz
- Power Factor of >0.95
- Power Selectable:
 - HZX-EX-I2: 30W/50W/60W
 - HZX-EX-I4: 60W/80W/100W
- Colour Selectable: 4000K/5000K/6500K
- Optional Emergency backup
- Cable Entry: 3/4" NPT

WARRANTY:

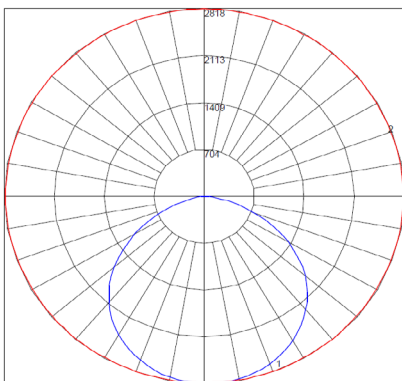
5-Year Standard Warranty

Mounting Methods & Accessories



HZX-EX-I2-40W-5000K-D120

Luminous Intensity Distribution

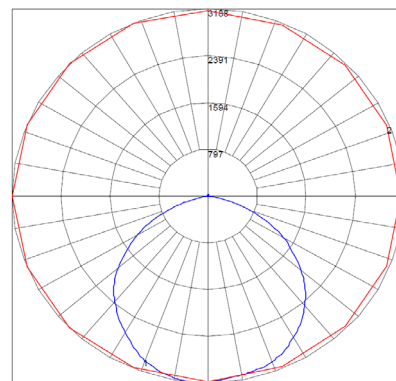


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	1,035	12%
0-30	2,223	26%
0-40	3,706	43%
0-60	6,852	80%
0-80	8,578	100%
0-90	8,624	100%
10-90	8,358	97%
20-40	2,671	31%
20-50	4,288	50%
40-70	4,320	50%
60-80	1,726	20%
70-80	552	6%
80-90	46	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	8,624	100%

HZX-EX-I2-60W-D120

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	1,166	13%
0-30	2,489	29%
0-40	4,102	47%
0-60	7,253	84%
0-80	8,568	99%
0-90	8,593	99%
10-90	8,293	96%
20-40	2,936	34%
20-50	4,609	53%
40-70	4,167	48%
60-80	1,315	15%
70-80	299	3%
80-90	25	0%
90-110	14	0%
90-120	25	0%
90-130	38	0%
90-150	65	1%
90-180	86	1%
110-180	73	1%
0-180	8,680	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-I2	20	120°	120-277V	0.22	4000K	3150 lm	150 lm/W	>70	100,000	>0.95	≤20
	20			0.22	5000K	3335 lm	167 lm/W				
	40			0.44	5000K	6120 lm	149 lm/W				
	60			0.67	5000K	8680 lm	146 lm/W				
HZX-EX-I4	80			0.88	5000K	11896 lm	149 lm/W				
	100			1.11	5000K	14625 lm	142 lm/W				