HAZ-X H

HAZARDOUS LOCATION LED LINEAR

Type: _____

Project: _____

H4
Selectable Wattage:
• 40W/60W/80W
• 60W/80W/100W

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

Class I, Zone 2, Group IIC

Copper-free aluminum housing, great corrosion resistance and cooling performance.
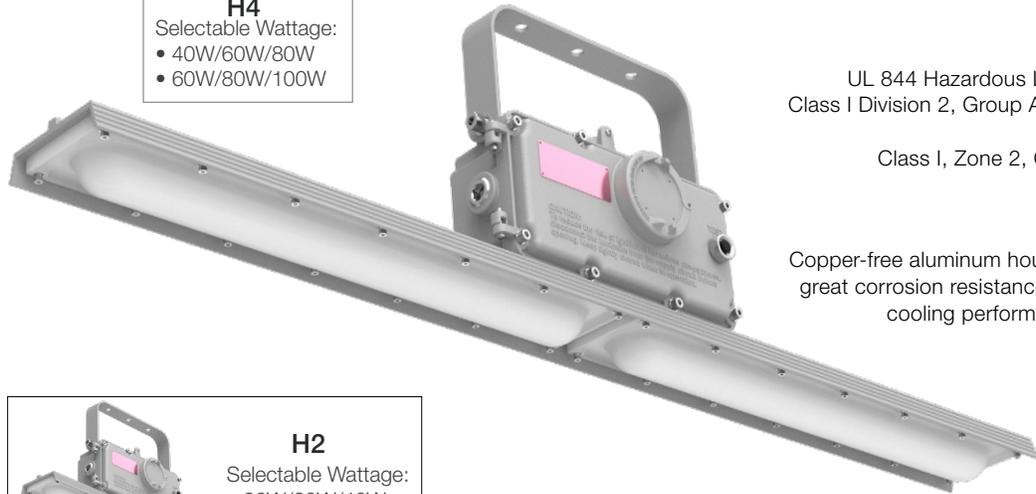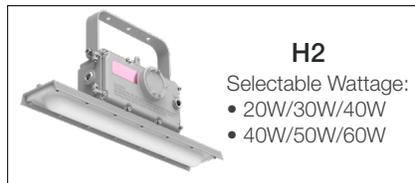
Delivered Lumens:
2,800 - 33,000 lm

Wattage:
H2: 20W - 100W
H4: 40W - 200W

Efficacy:
Up to 170 lm/W

Colour Temperatures:
2700K - 6500K
Selectable:
• 4000K/5000K/6500K

Projected Lumen Maintenance:
L_{70} @ >100,000 hrs.

H2
Selectable Wattage:
• 20W/30W/40W
• 40W/50W/60W

The **HAZ-X H** is the ideal choice for marine and hazardous applications where a linear design is required. 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.

Configurations   (Example: HZX-EX-H2-20W-20-D120-FFP-2-H-T-E)

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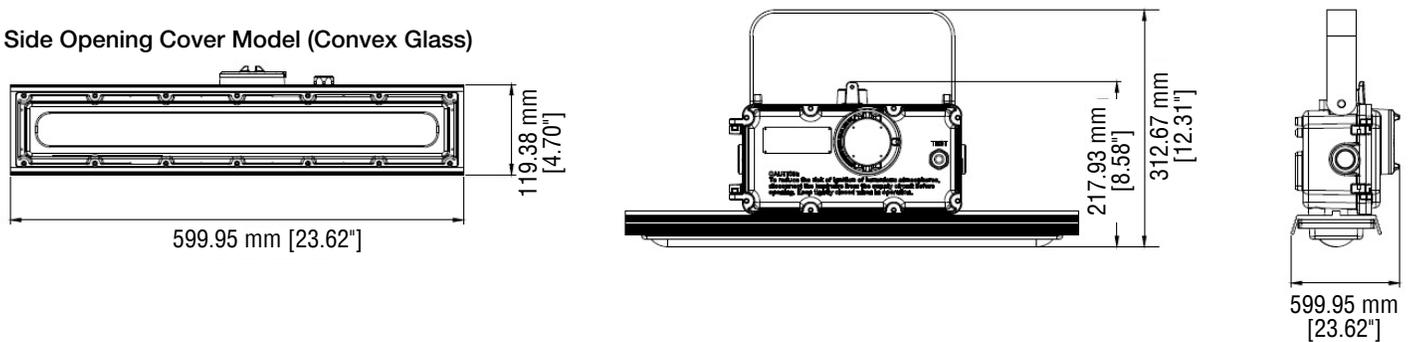| 1. SERIES	2. FIXTURE TYPE	3. OUTPUT	4. DIMMING	5. COLOUR TEMP.	6. DISTRIBUTION	7. LENS
HZX-EX	H2	20W/30W/40W/50W/ 60W/70W/80W/100W	D (Dimmable) [BLANK] (Non-dimmable)	20 (2000K) 30 (3000K) 40 (4000K) 50 (5000K) 57 (5700K) 65 (6500K)	[1]D30 (30 Degrees) [1]D45 (45 Degrees) [1]D60 (60 Degrees) [1]D90 (90 Degrees) [2]D120 (120 Degrees)	CFG (Clear Flat Glass) FFG (Frosted Flat Glass) CFP (Clear Flat PC) FFP (Frosted Flat PC) CCP (Clear Convex PC) [BLANK] (Frosted Convex PC)
	H4	40W/60W/80W/100W/ 120W/150W/180W/ 200W				

- - -

8. LED TYPES	9. INPUT VOLTAGE	10. DUAL POWER & CCT SELECTABLE	11. BACKUP POWER SOURCE
[3]1 (5050 LED) 2 (2835 LED) [4][BLANK] (2835 Selectable LED Board)	[BLANK] (120-277V) M (120-347V) H (277-480V)	[BLANK](Not Selectable) [5,6]T (Power and Colour Selectable)	[BLANK] (Without backup power source) [7]E (With Emergency Backup Power)

NOTE[1]: Only available with 5050 LED; **NOTE[2]:** Only available with 2835 LED; **NOTE[3]:** Not compatible with 120-347V Input; **NOTE[4]:** Must be selected with Dual Power and CCT selectable; **NOTE[5]:** Must specify Power Selectable Options: H2: 20W/30W/40W or 40W/50W/60W; H4: 40W/60W/80W or 60W/80W/100W; **NOTE[6]** Standard selectable CCT: 4000K/5000K/6500K; **NOTE[7]:** Wattage Compatibility - H2: 20W-100W; H4: 40W-200W.
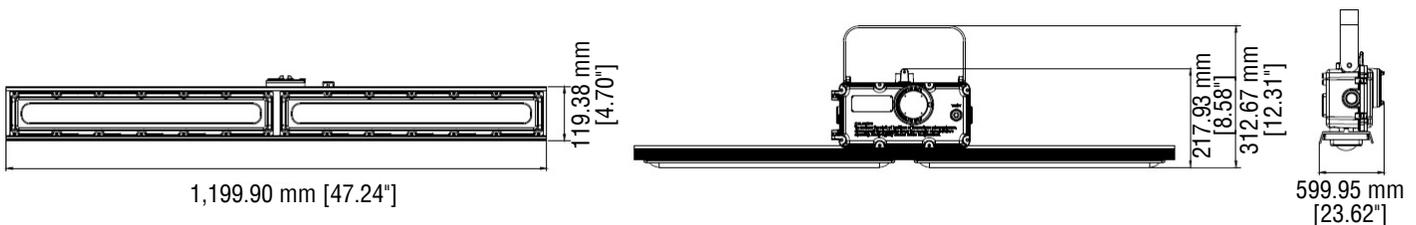
HAZ-X H

BeLuce   BeLuce Canada Inc., 3900 14th Avenue, Unit 1, Markham, ON L3R 4R3   P: (905) 948-9500   F: (905) 948-8673   www.beluce.com

Dimensions

HZX-EX-H2

Side Opening Cover Model (Convex Glass)

599.95 mm [23.62"]

119.38 mm [4.70"]

312.67 mm [12.31"]

217.93 mm [8.58"]

599.95 mm [23.62"]

HZX-EX-H4

1,199.90 mm [47.24"]

119.38 mm [4.70"]

312.67 mm [12.31"]

217.93 mm [8.58"]

599.95 mm [23.62"]

APPLICATIONS:
- Power Plants
- Heavy Industrials Storage Facility
- Paper Mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry

HOUSING:
Rugged and resilient housing made of die-cast aluminum material, great corrosion resistance and cooling performance.

ELECTRICAL:
- Available in a 2000K to 6500K colour temperatures
- >70 CRI
- Electrical ratings: 120-277V, 277-480V or 120-347V
- Input Frequency: 50/60 Hz
- Power Selectable:
  - HZX-EX-H4:
    - 20W/30W/40W
    - 40W/50W/60W
  - HZX-EX-H4:
    - 40W/60W/80W
    - 60W/80W/100W
- Colour Selectable: 4000K/5000K/6500K
- Optional Emergency back
- 0-10V dimming optional
- Power factor of >0.95

LENS:
Available with several lens options: clear flat glass, frosted flat glass, clear flat PC, frosted flat PC, clear convex PC, or frosted convex PC.

MOUNTING:
Standard mounting is with the U-bracket that is used for ceiling or wall mounting options. Other mounting accessories include: stanchion arms, pendant mounting with junction box and pole and chain mount with pendant chain.

OPERATING TEMPERATURE:
- H2: -40°C to +65°C; T4A/T5/T6
- H4: -40°C to +55°C; T4/T4A/T5/T6

WARRANTY:
5-Year Standard Warranty.

Accessories

| ORDER CODE	DESCRIPTION
50002002	HAZ-X EX-HOOK
50002003	HAZ-X JUNCTION BOX
50002004	HAZ-X PENDANT MOUNT
50002005	HAZ-X 90° WALL MOUNT
50002006	HAZ-X STANCHION POLE MOUNT 90°
50002007	HAZ-X STANCHION POLE MOUNT 25°
50002008	HAZ-X 25° WALL MOUNT WITH JUNCTION BOX
50002009	HAZ-X 90° WALL MOUNT WITH JUNCTION BOX

Mounting Methods

Ceiling Mount

Metal Conduit

Wall Mount

Metal Conduit
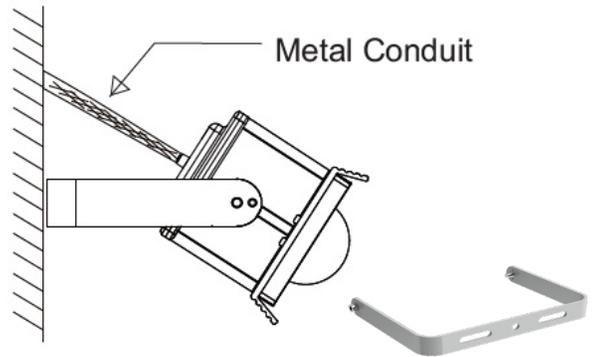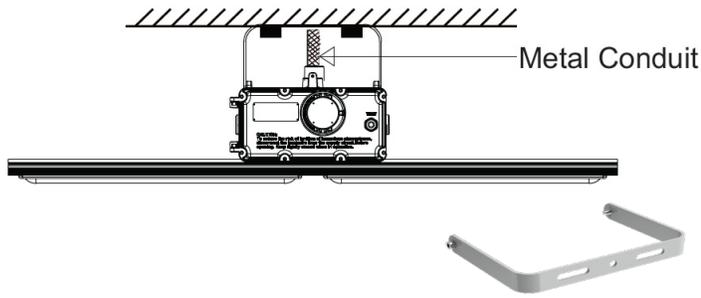
Pendant Mount

Chain Mount

Metal Conduit

Stanchion Mount
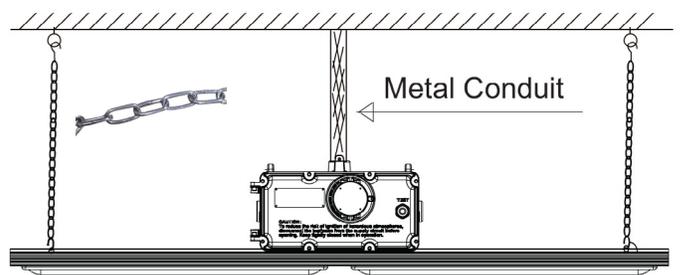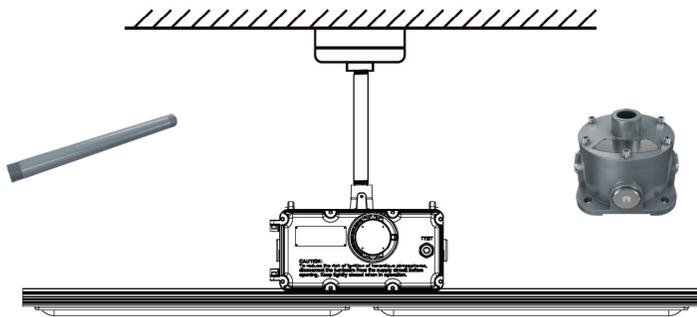
Stanchion 25°

Stanchion 90°
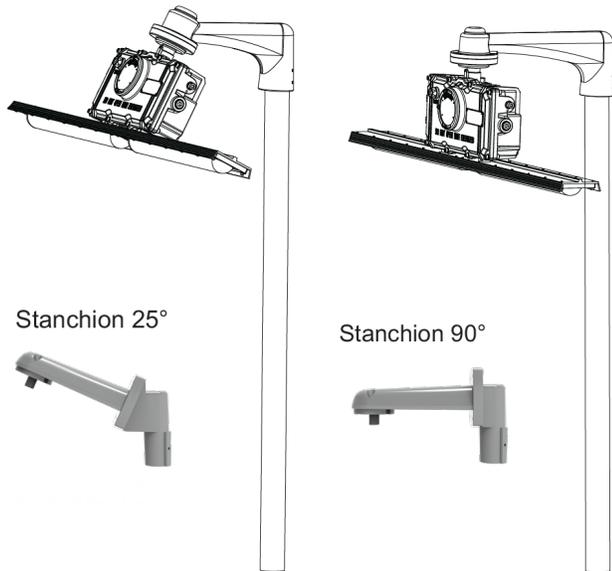
HZX-EX-H2-40W-5000K-D120
Luminous Intensity Distribution

HZX-EX-H4-100W-4000K-D120
Luminous Intensity Distribution
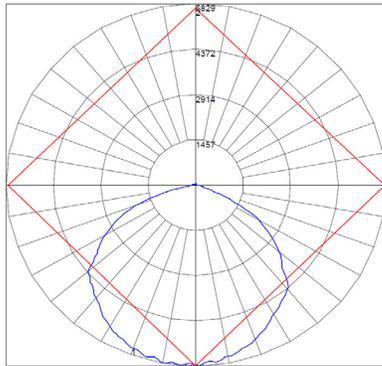
Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	655	12
0-30	1412	27
0-40	2346	44
0-60	4289	81
0-80	5289	99
0-90	5316	100
10-90	5148	97
20-40	1691	32
20-50	2707	51
40-70	2648	50
60-80	1001	19
70-80	295	6
80-90	27	1
90-110	7	0
90-120	8	0
90-130	9	0
90-150	11	0
90-180	13	0
110-180	6	0
0-180	5329	100
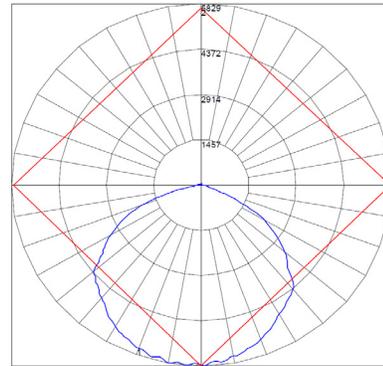
Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	2130	13
0-30	4546	28
0-40	7511	46
0-60	13374	82
0-80	15985	98
0-90	16133	99
10-90	15584	95
20-40	5380	33
20-50	8496	52
40-70	7736	47
60-80	2610	16
70-80	738	5
80-90	148	1
90-110	70	0
90-120	94	1
90-130	119	1
90-150	172	1
90-180	212	1
110-180	141	1
0-180	16344	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-H2	20			0.17	4000K	3322 lm	165 lm/W				
	40			0.51	5000K	5329 lm	133 lm/W				
	60			0.51	4000K	7438 lm	122 lm/W				
HZX-EX-H4	80	120°	120-347V	0.67	4000K	12843 lm	161 lm/W	>70	100,000	>0.95	≤20
	100			0.82	4000K	16345 lm	169 lm/W				
	150			1.24	6000K	24222 lm	165 lm/W				
	200			1.6	5000K	32182 lm	170 lm/W				

HAZ-X H