

AL-JI-H2N/H4N

H4N

H2N



Specifications

Model Name	AL-JI-H2N-CID1-20	AL-JI-H2N-CID1-40	AL-JI-H4N-CID1-40	AL-JI-H4N-CID1-60	AL-JI-H4N-CID1-80
Input Wattage (W)	20 W	40 W	40 W	60 W	80 W
Voltage (V)	U (120-277V) / HV (227-480V) / DC (12-48V)				
Lumen Output (lm)	2,800 lm	5,600 lm	5,600 lm	8,400 lm	11,200 lm
Efficacy (lm/W)	140 Lm/W				
Color Rendering Index	>80 CRI				
Color Temperature	22 (2,200k) - 40 (4,000k) - 50 (5,000k) - 70 (7,000k)				
Dimmable	Yes				
Longevity (L70)	50,000 Hours				
Ambient Temperature	-40°C to 60°C / -40°F to 140°F				
Warranty	5 years				
Dimensions	23.6" x 4.7" x 4.8"		47.2" x 4.7" x 4.8"		

Ordering Guide

EG: AL-JI-H2N-CID1-30-8-40-U

Model Name	Dimension	Wattage	CRI	CCT	Driver
AL-JI-	H2N-CID1: 23.6"	10: 10 W	8: >80	22: 2200k	U: Universal 120-277V
	H4N-CID1: 47.2"	20: 20 W		40: 4000k	HV: 277-840V
		30: 30 W		50: 5000k	DC: 12-48V
		40: 40 W		70: 7000k	
		50: 50 W			

FEATURES

- Working Temperature: -40°F to 140°F.
- High quality SMT LED & Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

Applications

Oil and Gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry

• All mining operations and service

Chemical industry

- All types of paint facilities
- Chemical production and storage

Ocean, marine and aerospace field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

Other high humidity, high dust, high temperature, vapor locations



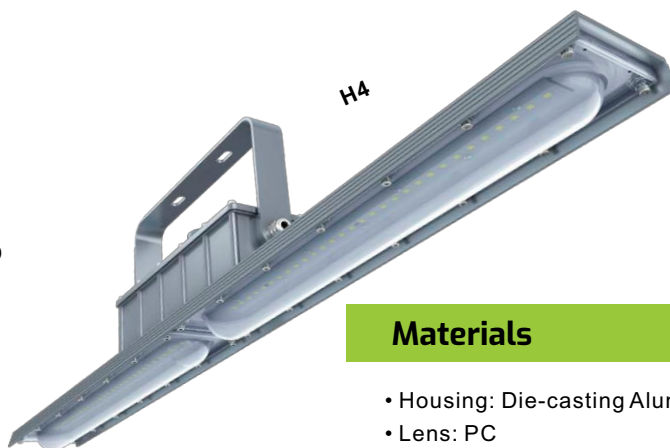
Explosion Protection

Marking ATEX
 II 3 G Ex ec IIC T5/T6 Gc
 II 2 D Ex tb IIIC T80/100°C Db IP66

Marking IECEX
 Ex ec IIC T5/T6 Gc
 Ex tb IIIC T80/100°C Db IP66

Marking UL844(North American)
 Class I, Division 2, Groups A, B, C, D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III

Marking Marine
 UL1598, UL1598A
 ABS
 Other Rating
 IP 66



Materials

- Housing: Die-casting Aluminum
- Lens: PC
- Hardware: stainless steel
- Mounting Bracket: stainless steel



Specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W H2YZDA	20	2200K-7000K	AC100-277V	2800	5 years	80
EX-40W H2YZDA	40		IC 100-277V	5600		
EX-40W H4YZDA	40		AC 200-480V	5600		
EX-60W H4YZDA	60		DC 12-48V	8400		
EX-80W H4YZDA	80			11200		

"H2, H4"=Product code "Y"=D or N: Dimmable or Non-dimmable "Z"=CCT, from 2200~7000K "D"=Beam angle, D120 for 120".
 A for cover info. blank for flat cover, C spherical cover.

Packing Information

Model	Quantity / Ctn	Length(cm)	Width (cm)	Height(cm)	Net weight(kg)	Gross weight (kg)
H2	2	69.1	41.3	29	4	9
H4	2	130	40	29.5	5.5	14.5

Light Distribution

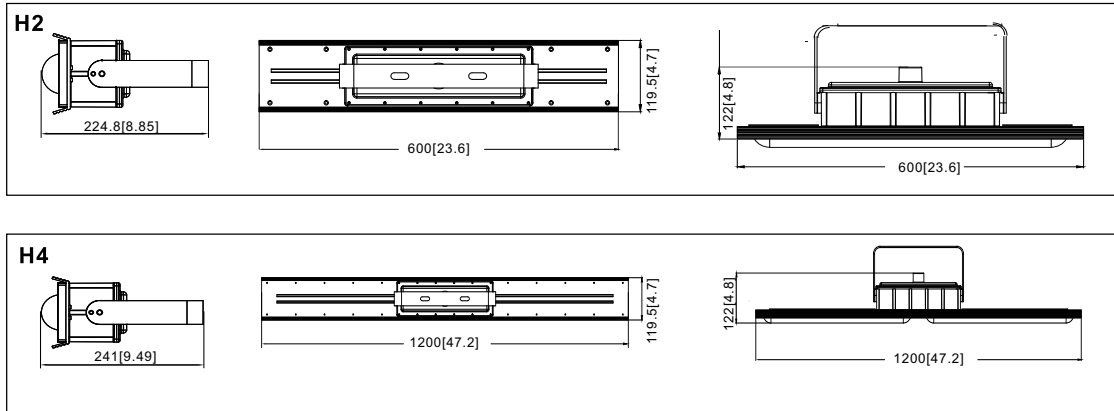
120D

	Center Beam fc	Beam Width	
10ft	25fc	30ft	34ft
20ft	6fc	59ft	67ft
30ft	3fc	89ft	100ft
40ft	1fc	148ft	134ft
50ft	0.6fc	178ft	168ft

■ Vert, Spread; 120°
■ Horiz, Spread; 120°

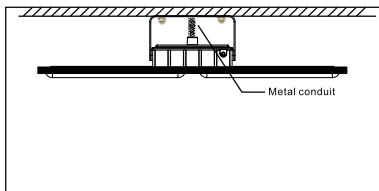
Dimension

Unit: mm or inch

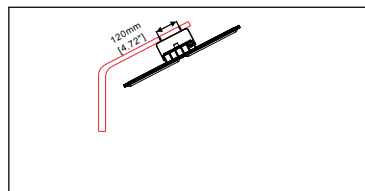


Mounting

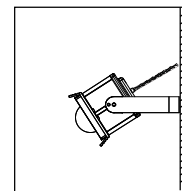
No.1 Ceiling Mounting



No.2 Pole Bracket Mounting



No.3 Wall Mounting



Accessories

Bracket



Metal Conduit



Bended Pipe

