

AL-JI-I2N/I4N
I2N
I4N

20W / 40W / 50W / 60W / 80W / 100W / 120W

Specifications

Model Name	AL-JI-I2N-CID1-20	AL-JI-I2N-CID1-40	AL-JI-I2N-CID1-50	AL-JI-I2N-CID1-60	AL-JI-I4N-CID1-60	AL-JI-I4N-CID1-80	AL-JI-I4N-CID1-100	AL-JI-I4N-CID1-120
Input Wattage (W)	20W	40W	50 W	60W	60W	80W	100W	120W
Voltage (V)	U (120-277V) / HV (227-480V) / DC (12-48V)							
Lumen Output (lm)	2,800 lm	5,600 lm	7,000 lm	8,400 lm	8,400 lm	12,000 lm	14,000 lm	16,800 lm
Efficacy (lm/W)	140 lm/W							
Color Rend. Index	80+ CRI							
Color Temperature	22 (2,200k) - 40 (4,000k) - 50 (5,000K) - 70 (7,000K)							
Dimmable	Yes							
Longevity (L70)	50,000 Hours							
Amb. Temperature	-40°C to 60°C / -40°F to 140°F							
Warranty	5 years							
Dimensions	23.3" x 5.5" x 5.22"				46.1" x 5.5" x 5.22"			

Ordering Guide

EG: AL-JI-I4N-CID1-120-8-50-U

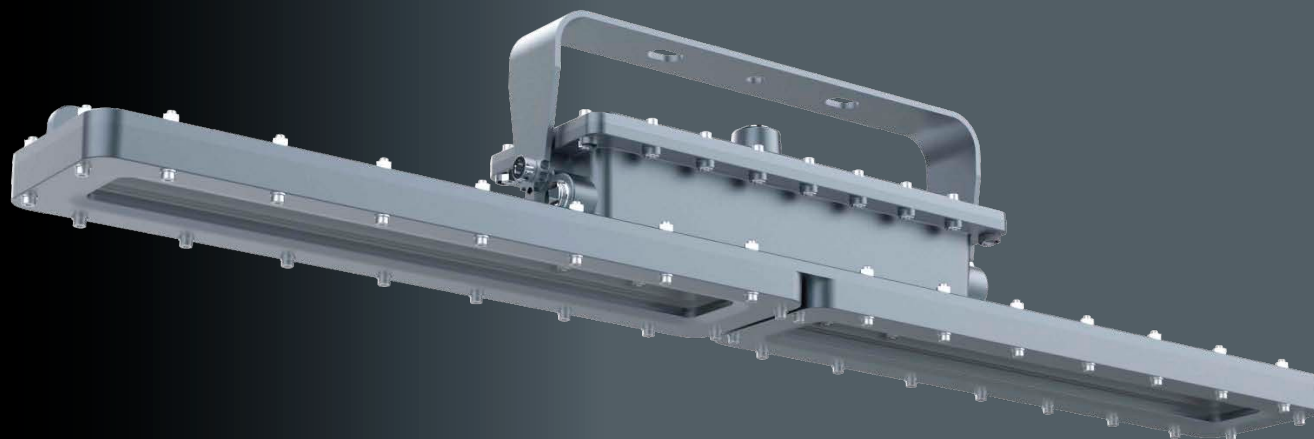
Model Name	Dimension	Wattage	CRI	CCT	Driver
AL-JI-	I2N-CID1: 23.3" I4N-CID1: 46.1"	20: 20 W 40: 40 W 50: 50 W 60: 60 W 60: 60 W 80: 80 W 100: 100 W 120: 120 W	8: >80	22: 2200k 40: 4000k 50: 5000k 70: 7000k	U: Universal 120-277V HV: 277-840V DC: 12-48V

DESCRIPTION

This luminaire can be used as a spot light, down light, tunnel light, flood light, and wall light for general illumination in hazardous locations

FEATURES

- Working Temperature: -40°F to 140°F.
- High quality SMT LED and Meanwell Driver.
- Heavy-duty and high impact resistance.
- Replaceable LED board and drivers.
- Integrated junction box for driver .
- Dimmable and battery back up function available.
- Marine rating powder coated finish treatment.
- Up to 5 years warranty.
- Polycarbonate lens to make various beam angles.

**I4N**

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

II2 G Ex db IIB T4/T5 Gb
 II2 D Ex tb IIIC T135°C Db IP66

Marking IECEx

Ex db IIB T4/T5 Gb
 Ex tb IIIC T135°C Db IP66

Marking UL844 (North American)

Class I, Division 1, Groups C, D
 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



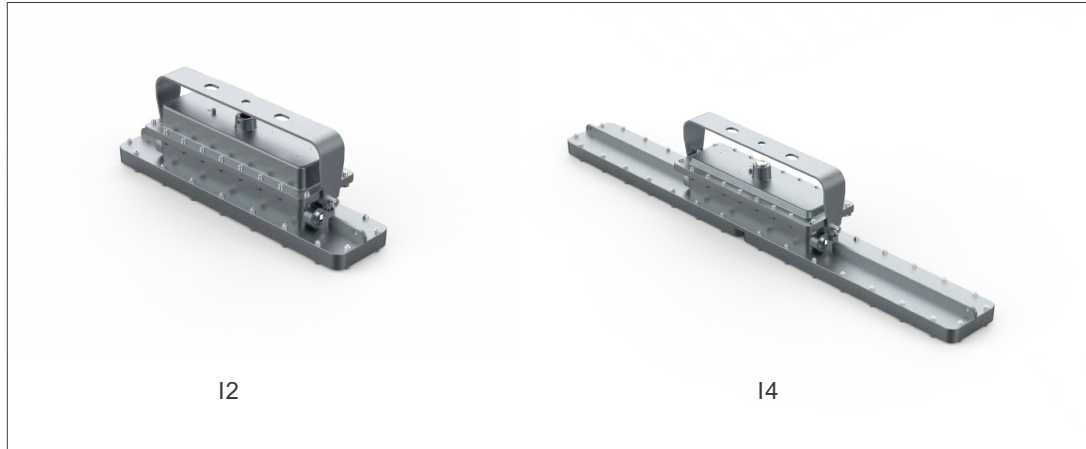
I2N



Materials

- Housing: Copper-free aluminum
- Lens: Glass
- Hardware: Stainless steel
- Mounting Bracket: Stainless steel





Light Distribution

Center Beam fc	Beam Width
4ft	2008fc
8ft	480fc
12ft	203fc
16ft	115fc
20ft	68fc

■ Vert, Spread: 40°
■ Horiz, Spread: 40°

Center Beam fc	Beam Width
4ft	1434fc
8ft	343fc
12ft	145fc
16ft	81fc
20ft	69fc

■ Vert, Spread: 60°
■ Horiz, Spread: 60°

Center Beam fc	Beam Width
4ft	1024fc
8ft	255fc
12ft	105fc
16ft	58fc
20ft	39fc

■ Vert, Spread: 90°
■ Horiz, Spread: 90°

Center Beam fc	Beam Width
4ft	689fc
8ft	170fc
12ft	73fc
16ft	39fc
20ft	26fc

■ Vert, Spread: 120°
■ Horiz, Spread: 120°

Specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI	Emergency Time
EX-20W I2YZDA	20W	2200K-7000K	AC100-277V/DC12-36V AC200-480V	2800	5 Years	80	3 Hours
EX-40W I2YZDA	40W			5600			
EX-50W I2YZDA	50W			7000			
EX-60W I2YZDA	60W			8400			
EX-60W I4YZDA	60W	2200K-7000K	AC100-277V/DC12-36V AC200-480V	8400	5 Years	80	3 Hours
EX-80W I4YZDA	80W			12000			
EX-100W I4YZDA	100W			14000			
EX-120W I4YZDA	120W			16800			

"I2, I4"=Product code. "Y"= D or N D:Dimmable or N: non-dimmable "Z"=CC T, from 2200-7000k, 22 for 2200k...70 for 7000K .

"D"=Beam angle, D40 for 40°, D60 for 60°, D90 for 90°, D120 for 120° .

"A"=glass info. blank for flat glass, C for spherical glass.

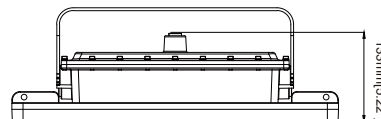
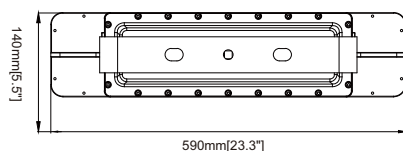
Packing Information

Model	Quantity/Carton	Length(mm)	Width(mm)	Height(mm)	Net weight(kg)	Gross weight(kg)
I2	1	770mm	340mm	265mm	12kg	14kg
I4	1	1360mm	340mm	265mm	18.5kg	21.5kg

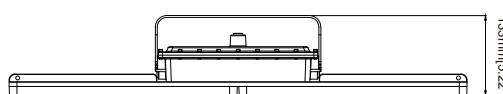
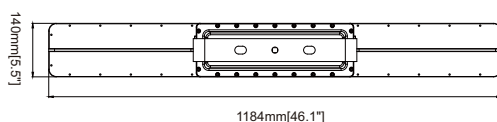
Dimension

Unit: mm or inch

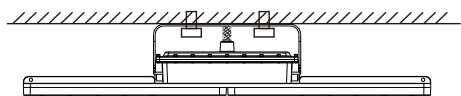
I2



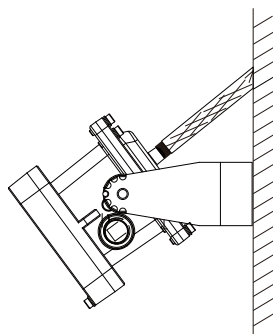
I4



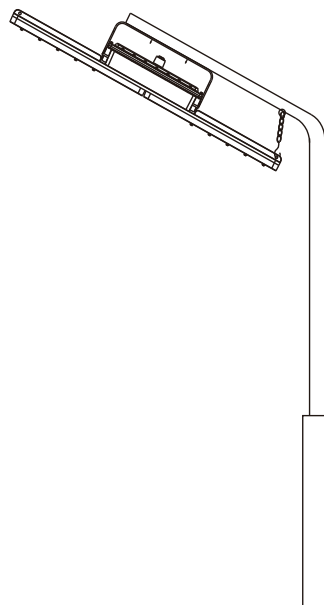
Mounting



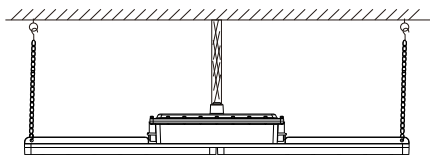
No.1: Ceiling Mounting



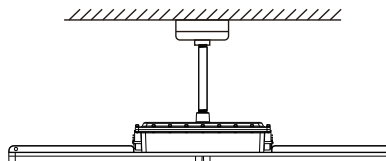
No.3: Wall Mounting



No.2: Pole Bracket Mounting



No.4: Chain Mounting



No.5: Pole pendant Mounting

Accessories



- **Model: Ex-Junction01**
Name: Junction Box
Material: Aircraft Aluminum A383



- **Model: EX-SPipe**
Name: Winding Swing Pipe
Material: Iron with Power Coating



- **Model: Ex-Conduit01**
Name: Metal Conduit
Material: Stainless Steel and Aluminum



- **Model: EX-WPipe**
Name: Winding Swing Pipe
Material: Iron with Power Coating



- **Model: Ex-Chain**
Name: Pendant Chain
Material: Stainless Steel S30400



- **Model: Ex-Bracker**
Name: U-bracket
Material: Material: Stainless Steel