

# IALJ Hi-Lumen LED

LED area lighting for industrial locations

 **RIG-A-LITE™**  
An Avail Infrastructure Solutions Company



## Classifications

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981 (R2014)
- NEMA 4X
- ABS Type Approved
- IP66
- Tested to LM 79, LM 80
- Factory Sealed

[availinfra.com/rig-a-lite](http://availinfra.com/rig-a-lite)

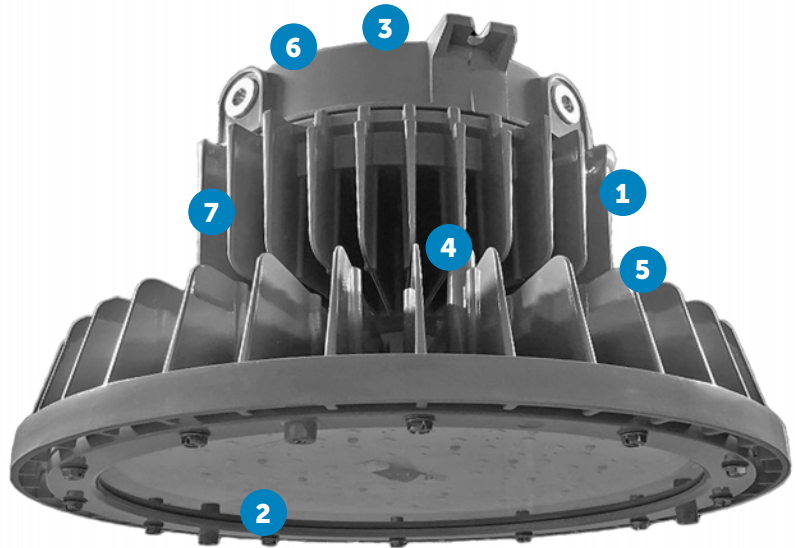
8500 Hansen Road  
Houston, TX 77075  
(713) 943-0340

# IALJ Hi-Lumen LED

## LED area lighting for industrial locations

### Key Features

- 1 Low profile body, less than 11" high
- 2 Interchangeable optics with Type I, III, V and wide distribution options
- 3 Spring pressure connection terminal block
- 4 Field replaceable LED circuit boards and drivers with quick disconnects
- 5 Hinged mount for access to internal components
- 6 Optional trunnion mount with locking positions in 15 degree increments
- 7 Two (2) safety cable attachment points



### Additional Features

- Pendant, ceiling, wall, trunnion and stanchion mounting options
- Mates directly to select competitor mounts
- Dimming option
- Optional Type 316 stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

### Standard Materials

- Body:**  
A360 aluminum (less than .4% copper content)  
with baked-on gray epoxy finish
- Gaskets:**  
One-Piece Silicone
- Lens:**  
Tempered Glass or Polycarbonate
- Hardware:**  
Stainless Steel

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### Catalog Number Logic



#### 1

##### BASIC LUMINAIRE

IALJ = N. American Standards

#### 2

##### LUMENS/WATTS

15 = 16,450 Lumens / 118 Watts

18 = 19,200 Lumens / 143 Watts

20 = 21,480 Lumens / 163 Watts

23 = 23,590 Lumens / 172 Watts

25 = 26,200 Lumens / 191 Watts

28 = 28,800 Lumens / 219 Watts

30 = 31,720 Lumens / 246 Watts

#### 3

##### LAMP TYPE

L = LED (5000K CCT - White Light)

#### 4

##### DRIVER VOLTAGE

U = 120-277V 50/60HZ

N = 347/480V 60HZ

#### 5

##### LENS

CG = Clear Tempered Glass

FG = Frosted Tempered Glass

CP = Clear Polycarbonate

#### 6

##### OPTICS

Blank = Type V

1 = Type I

3 = Type III

5 = Type V Wide Beam

#### 7

##### GUARD

G = Stainless Wire Guard

#### 8

##### MOUNTING STYLE

P = 3/4" Pendant Mount

P1 = 1" Pendant Mount

C = 3/4" Ceiling Mount

C1 = 1" Ceiling Mount

W = 3/4" Wall Mount

W1 = 1" Wall Mount

T = 3/4" Trunnion Mount

T1 = 1" Trunnion Mount

S = 1-1/4" 25° Stanchion

S1 = 1-1/2" 25° Stanchion

L = 1-1/4" 90° Stanchion

L1 = 1-1/2" 90° Stanchion

#### 9

##### OPTIONS

SC = Safety Cable

30 = 3000K CCT

40 = 4000K CCT

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### Certification Guide

Model	Mount	Watts <sup>2</sup>	Operating Voltage	Total Lumens <sup>1</sup>	Lumens per Watt <sup>1</sup>	CRI <sup>1</sup>	CCT <sup>1</sup>	Ambient Temperature <sup>1,2</sup>	Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temperature, °C
IALJ15LU	C, P, T, W, S, L	118W	120-277V 50/60HZ	16,450	139.9	81.0	4933	-40°C < Tamb < 65°C	T3C	90°C
IALJ15LN	C, P, T, W, S, L	118W	347/480V 60HZ	16,450	139.9	81.0	4933	-40°C < Tamb < 65°C	T3C	90°C
IALJ18LU	C, P, T, W, S, L	143W	120-277V 50/60HZ	19,200	135.1	82.3	5050	-40°C < Tamb < 65°C	T3C	90°C
IALJ18LN	C, P, T, W, S, L	143W	347/480V 60HZ	19,200	135.1	82.3	5050	-40°C < Tamb < 65°C	T3C	90°C
IALJ20LU	C, P, T, W, S, L	163W	120-277V 50/60HZ	21,480	130.8	82.4	5073	-40°C < Tamb < 65°C	T3C	90°C
IALJ20LN	C, P, T, W, S, L	163W	347/480V 60HZ	21,480	130.8	82.4	5073	-40°C < Tamb < 65°C	T3	90°C
IALJ23LU	C, P, T, W, S, L	172W	120-277V 50/60HZ	23,590	135.8	81.9	4863	-40°C < Tamb < 55°C	T3C	90°C
IALJ23LN	C, P, T, W, S, L	172W	347/480V 60HZ	23,590	135.8	81.9	4863	-40°C < Tamb < 55°C	T3	90°C
IALJ25LU	C, P, T, W, S, L	191W	120-277V 50/60HZ	26,200	134.4	82.0	4881	-40°C < Tamb < 55°C	T3C	90°C
IALJ25LN	C, P, T, W, S, L	191W	347/480V 60HZ	26,200	134.4	82.0	4881	-40°C < Tamb < 55°C	T3C	90°C
IALJ28LU	C, P, T, W, S, L	219W	120-277V 50/60HZ	28,800	129.7	81.9	4918	-40°C < Tamb < 55°C	T3C	90°C
IALJ28LN	C, P, T, W, S, L	219W	347/480V 60HZ	28,800	129.7	81.9	4918	-40°C < Tamb < 55°C	T3C	90°C
IALJ30LU	C, P, T, W, S, L	246W	120-277V 50/60HZ	31,720	129.8	82.2	4942	-40°C < Tamb < 55°C	T3C	90°C
IALJ30LN	C, P, T, W, S, L	246W	347/480V 60HZ	31,720	129.8	82.2	4942	-40°C < Tamb < 55°C	T3C	90°C

1. For CG only, total lumens, lumens per watt, CRI, or CCT may change with CP, FG, or Optics. Consult factory for values.

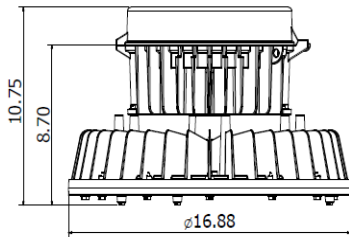
2. Watts, total lumens, and lumens per watt will vary depending on actual ambient temperature.

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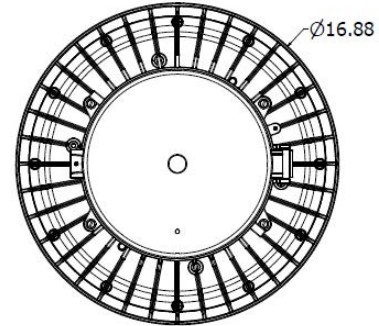
## LED area lighting for industrial locations

### Fixture Dimensions (inches)

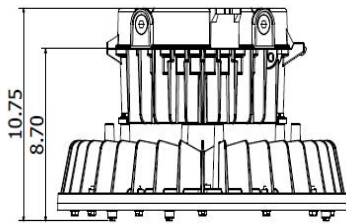
#### Pendant Mount



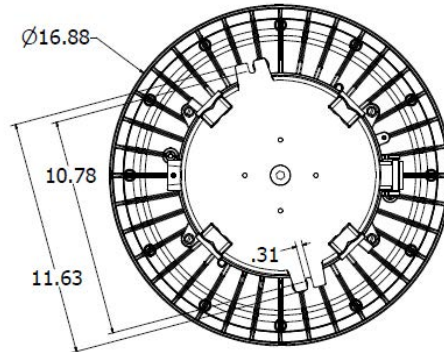
Fixture	Weight
IALJ15LUCGP	27 lbs.
IALJ18LUCGP	28 lbs.
IALJ20LUCGP	28 lbs.
IALJ23LUCGP	28 lbs.
IALJ25LUCGP	28 lbs.
IALJ28LUCGP	29 lbs.
IALJ30LUCGP	29 lbs.



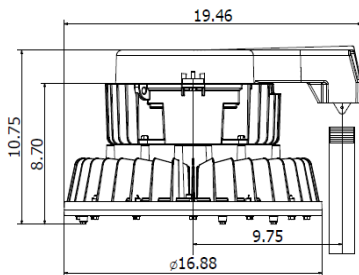
#### Ceiling Mount



Fixture	Weight
IALJ15LUCGP	28 lbs.
IALJ18LUCGP	29 lbs.
IALJ20LUCGP	29 lbs.
IALJ23LUCGP	29 lbs.
IALJ25LUCGP	29 lbs.
IALJ28LUCGP	30 lbs.
IALJ30LUCGP	30 lbs.



#### 90° Stanchion Mount



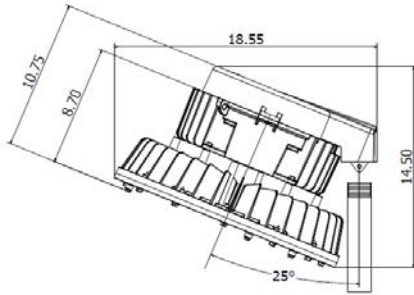
Fixture	Weight
IALJ15LUCGP	30 lbs.
IALJ18LUCGP	31 lbs.
IALJ20LUCGP	31 lbs.
IALJ23LUCGP	31 lbs.
IALJ25LUCGP	31 lbs.
IALJ28LUCGP	32 lbs.
IALJ30LUCGP	32 lbs.

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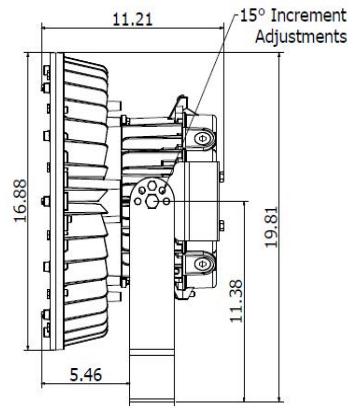
### Fixture Dimensions (inches)

#### 25° Stanchion Mount

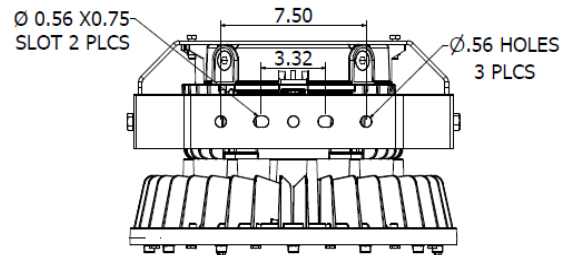


Fixture	Weight
IALJ15LUCGP	30 lbs.
IALJ18LUCGP	31 lbs.
IALJ20LUCGP	31 lbs.
IALJ23LUCGP	31 lbs.
IALJ25LUCGP	31 lbs.
IALJ28LUCGP	32 lbs.
IALJ30LUCGP	32 lbs.

#### Trunnion Mount









Fixture	Weight
IALJ15LUCGP	31 lbs.
IALJ18LUCGP	32 lbs.
IALJ20LUCGP	32 lbs.
IALJ23LUCGP	32 lbs.
IALJ25LUCGP	32 lbs.
IALJ28LUCGP	33 lbs.
IALJ30LUCGP	33 lbs.






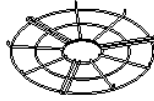
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### Accessories

Outlet Boxes	Catalog No.	Conduit Hub Size (in.)	Shipping Weight (lbs.)
<b>Rigid Pendant</b> 	JMP	3/4	3.0
	JMP1	1	3.0
<b>Ceiling Mount</b> 	JMC	3/4	3.5
	JMC1	1	3.5
<b>Wall Mount</b> 	JMW	3/4	6.0
	JMW1	1	6.0
<b>Trunnion Mount</b> 	JMT	3/4	8.0
	JMT1	1	8.0
<b>25° Stanchion Mount</b> 	JMS	1-1/4	5.0
	JMS1	1-1/2	5.0
<b>90° Stanchion Mount</b> 	JML	1-1/4	6.5
	JML1	1-1/2	6.5

Lenses	Catalog No.	Conduit Hub Size (in.)	Shipping Weight (lbs.)
	36435	Clear Tempered Glass	2.0
	36436	Frosted Tempered Glass	2.0
	36437	Clear Polycarbonate	2.0

Stainless Steel Wire Guard	Catalog No.	Description	Shipping Weight (lbs.)
	86335	Stainless Steel	1.0

Stainless Steel Safety Cable	Catalog No.	Description	Shipping Weight (lbs.)
	10128R	Stainless Steel	1.0

Hazardous Location Photo Cell Kit	Catalog No.	Description	Shipping Weight (lbs.)
	HLPC-120	Automatic on-off switch at predetermined light levels. (120 volt only)	1.0
	HLPC-208-277	REQUIRES FIELD INSTALLATION	1.0



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