Project:	
Type:	
Catalog #:	

IECEx · **Ex** · **UL HazLoc** · **5 Years Warranty** · **IP66** · **NEMA 4X**

SPECIFICATIONS

Listings and Certifications:

• ATEX ICECEX UL844 (CID2)

• PSE, SAA, C-TICK, CE, RoHs, DLC, IP66, IK09, UL1598A for marine

• Suitable for wet locations

• Operating temperature: -40°C to +55°C (-40°F-to 131°F)

LEDs:
Long-life, high-efficiency, micro-power,sur-face mount LEDs

Drivers(s):
Class 2, 50/60Hz. 100 - 277V, 4kV standard, 6kV optional surge protection

Lifespan:
100,000+hour LED lifespan based on IES LM-80 results & TM-21 calculations at 25°C

IP Rating:
Ingress Protection rating of NEMA 4/4X (IP66) for dust and water

Housing:
Die-cast aluminum housing

Mounting:
U-Bracket, slipfitter or wall mount options available

Lens:
High transmittance explosion-proof glass

Effective Projected Area:
EPA = 0.61

Vibration Rating:
3G vibration tested per ANSI C136.31

Dimming Driver:
Driver includes dimming control wiring for 1-10V dimming systems. Requires separate 1-10V DC dimming circuit. Dims as low as 10%.(Optional dimming and non-dimming)

• Available from 20W (2,000lm) - 200W (24,000lm)
• Offered with 3 mounting options: U-bracket, wall mount,slipfitter mount
• Type II, III, IV, V and Forward Throw distributions

CCT:
Available in 2700K-6500K color temperature
CRI:
CRI ≥70
Beam Angle:
Standard distribution is NEMA floodlight (Type2-6)Wide Flood

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

Color Uniformity:
JUPITER's range of CCT (Correlated Color Temperature) follows the guidelines of the Ameri-can National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Finish:
Formulated for high durability and long-lasting color
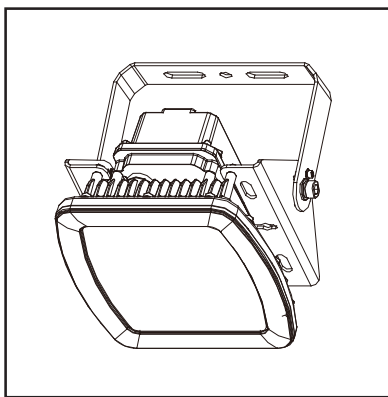
Green Technology:
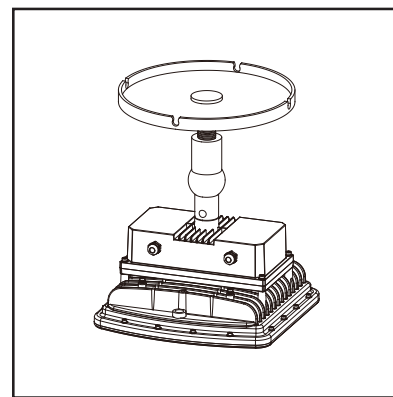Mercury and UV free. RoHS-compliant components

IESNA LM-79 Testing:
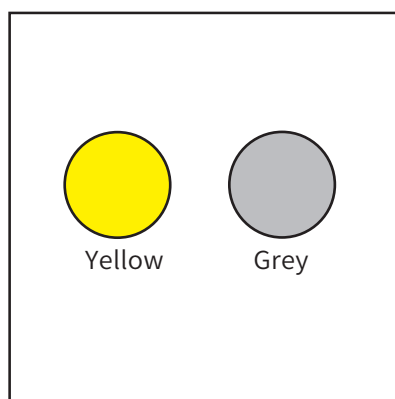Tested by an independent laboratory in accordance with IESNA LM-79.

Offer several mounting options to support a variety of applica-tions. (Universal Pole Adapter shown)

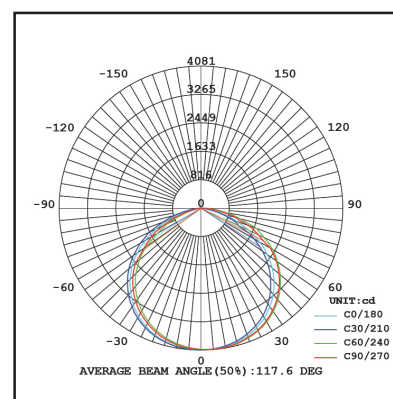Light weight, low-profile design, and a low EPA help reduce the load on a pole.

Multi-installation

Yellow   Grey

Yellow/grey available (grey has no texture)

The JUPITER is a complete cutoff, fully shielded area light that minimizes glare, while reducing light trespass. (The maximum luminous beam angle120°)

Photometric Data (120°)

PRODUCT DIMENSIONS

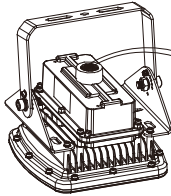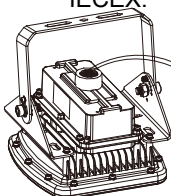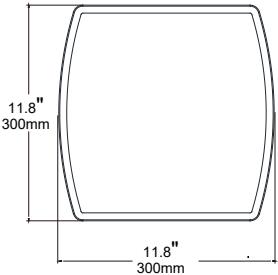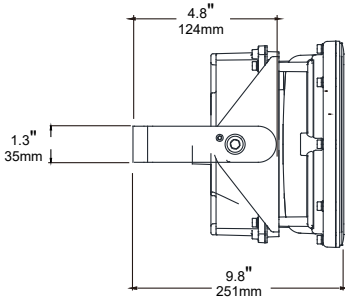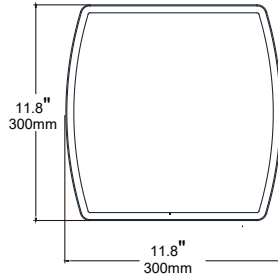| Series models	Size(L×W×H)
JUP-2	200×200×147mm(7.8×7.8×5.7)"
JUP-3	200× 200×147mm(7.8×7.8×5.7)"
JUP-4	200×200×147mm(7.8×7.8×5.7)"
JUP-6	300×300×165mm(11.8×11.8×6.4)"
JUP-8	300×300×165mm(11.8×11.8×6.4)"
JUP-10	300×300×165mm(11.8×11.8×6.4)"
JUP-12	400×400×169mm(15.7×15.7×6.6)"
JUP-15	400×400×169mm(15.7×15.7×6.6)"
JUP-18	400×400×169mm(15.7×15.7×6.6)"
JUP-20	400×400×169mm(15.7×15.7×6.6)"
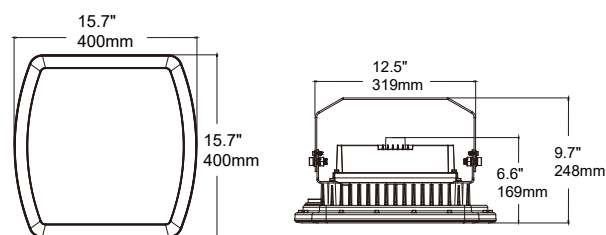
JUP-120~200W

PERFORMANCE AND PACKAGING
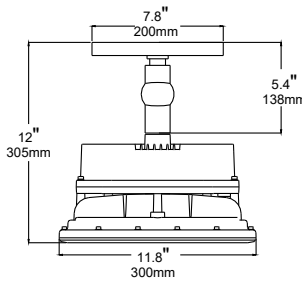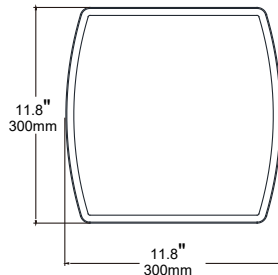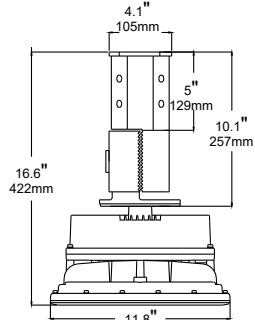
PERFORMANCE

ProductModel	JUP-J20/J30/J40	JUP-J60/J80/J100	JUP-J120/J150/180/J200
Type	LED Explosion proof Flood Light		
Base	Top loading / WM - Wall Mount / PA - Universal Pole Mount / Ring Installation		
Power (W)	20W / 30W / 40W	60W / 80W / 100W	120W / 150W / 180W / 200W
Voltage - Frequency	100-277Vac 50-60Hz		
Color Temp	5000K (Provides 2700K to 6500K)		
CRI (Ra) (typ.)	≥70		
Luminous Flux (lm)	2400 / 3600 / 4800	7200 / 9600 / 12000	14400 / 18000 / 21600 / 24000
Bare Lamp efficacy (LPW)	120		
Beam Angle	20°, 70°, 90°, 120°		
Power Factor	>0.9		
Rated Lifetime - L70 (hrs.)	5 50,000		
Dia. x MOL	200×200×147mm(7.8×7.8×5.7)"	300×300×165mm(11.8×11.8×6.4)"	400×400×169mm(15.7×15.7×6.6)"
Housing	ADC12 Aluminum+Explosion-proof glass		

ORDERING INFORMATION

Product Series	Wattage		Voltage		CCT		Finish		Mounting / Options	
JUP = Hazardous Location Flood Light	**2**	20W	**LV**	100-277V	**3K**	3000K	**G**	Gray	**UB**	U-Bracket
	3	30W			**4K**	4000K	**Y**	Yellow	**SF**	Slipfitter
	4	40W			**5K**	5000K			**W4**	Wall Mount 45°
	6	60W			**6K**	6000K			**W9**	Wall Mount 90°
	8	80W							**LW**	Long Arm Wall Mount 90°
	10	100W							**WG**	Stainless Steel Wire Guard
	12	120W								
	15	150W								
	18	180W								
	20	200W								

MOUNTINGS, DIMENSIONS & WEIGHTS

Wire color	UL:	ATEX: IECEX:
	L: white / G: green / N: black	L: brown / G: Yellow-green / N: blue

Ceiling mount
- 11.8" / 300mm
- 11.8" / 300mm
- 4.8" / 124mm
- 1.3" / 35mm
- 9.8" / 251mm

WM - Wall Mount
- 11.8" / 300mm
- 11.8" / 300mm
- 7.8" / 200mm
- 5.4" / 138mm
- 12" / 305mm
- 11.8" / 300mm

PA - Stanchion mount
- 11.8" / 300mm
- 11.8" / 300mm
- 4.1" / 105mm
- 5" / 129mm
- 10.1" / 257mm
- 16.6" / 422mm
- 11.8" / 300mm

Ring Installation
- 11.8" / 300mm
- 11.8" / 300mm
- 1.9" / 50mm
- Ø30.00
- 3.1" / 81mm
- 9.7" / 248mm
- 11.8" / 300mm