

EXPLOSION-PROOF LED FLOOD LIGHT A

CES-J Series

Suitable for hazardous areas 1 zone and 2 zone, 2 zone
and 22 zone.



**Engineered for Extremes.
Trusted for Safety.**



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CES-J Series



QUALIFICATION CERTIFICATES

ATEX:

-  II 2 G Ex eb mb op is IIC T4 Gb;
-  II 2 D Ex op is tb IIC T95°C Db;
- Certificate No.: IEP 19ATEX 0714

IECEX:

- Ex ec IIC T4 Gc;
- IP66;
- Certificate No.: IECEX UL 18.0046



(Please see the
specification of UL
HazLoc version)

CES-J Series

Explosion-proof LED Flood Light A

SCOPE OF APPLICATION

Wastewater treatment, oil and gas refineries, drilling rigs, offshore platforms, petrochemical facilities, chemical plants, coal mines, aviation bases, food factories, pharmaceutical plants, beverage processing plants, and locations with the presence of flammable vapors, gases, combustible dust, fibers, or fumes.

PRODUCT DESCRIPTION

CESP explosion-proof floodlight is more than 50,000 hours lifespan, and the maintenance is reduced to 30% of the double input cost of the traditional lighting system. At the same time, it features a well-designed optical system, high luminous efficiency and a variety of beam Angle options. ADC12 die-cast aluminum, tempered glass has better shock and vibration resistance. There are a variety of installation methods for your different projects. UL1598A North American marine anti-corrosion can be used in marine application and hazardous areas Zone 1&21, Zone 2&22.

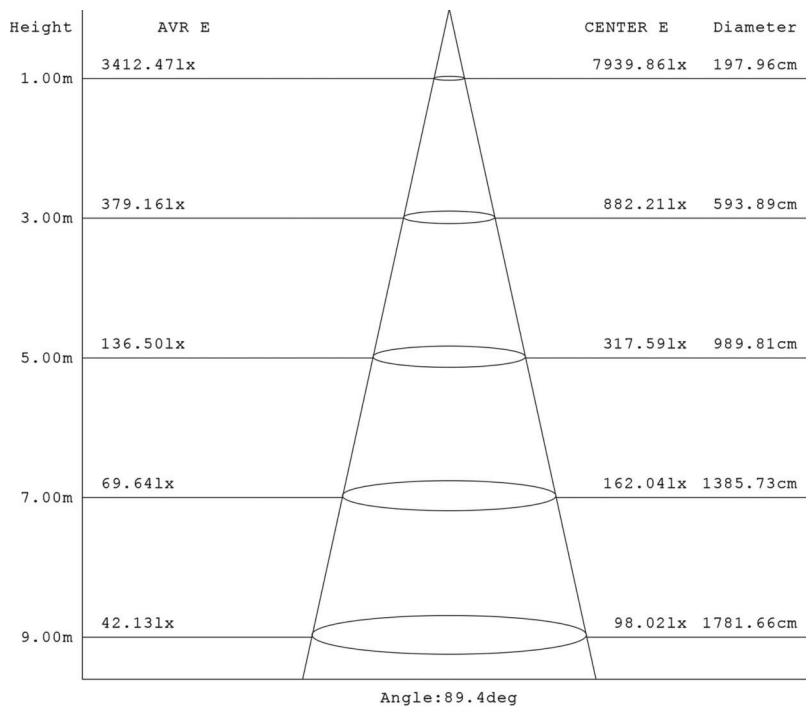
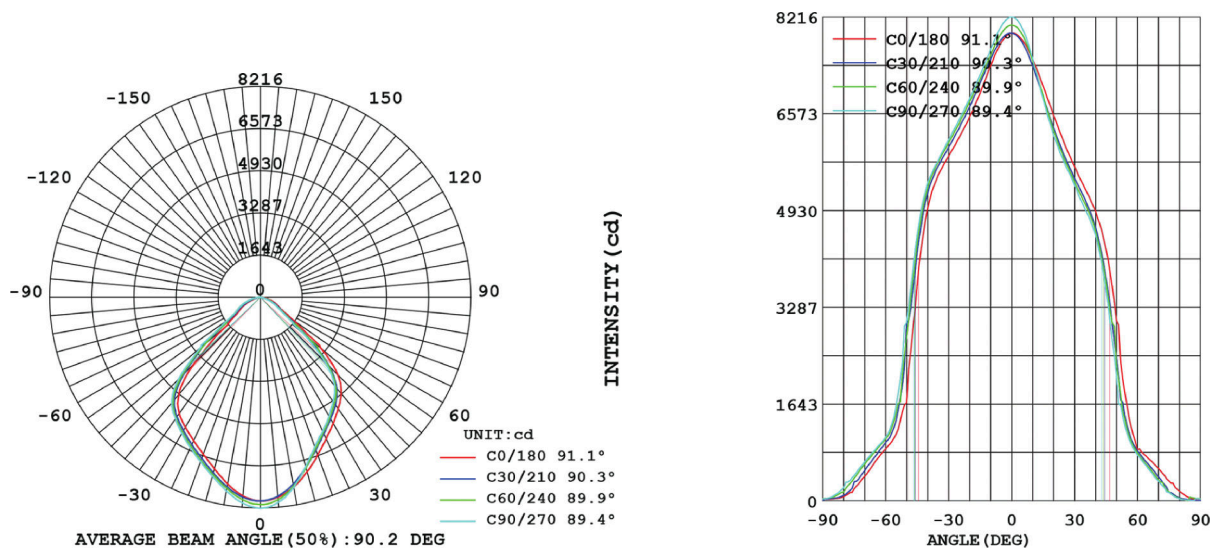
PRODUCT FEATURES

- Proprietary mold design with arc-shaped fins to maximize heat dissipation efficiency.
- Housing: Aluminum alloy (ADC12).
- Lens: Tempered glass, impact-resistant, vibration-resistant, ultra-high clarity, with a light transmittance of over 90%.
- LED: 3030led, LM80 certified.
- Circuit design: 4KV/6KV surge protection.
- Meanwell LED driver with >90% efficiency.
- Protection: IP66, high-level waterproof and dustproof protection.

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LIGHTING DISTRIBUTION



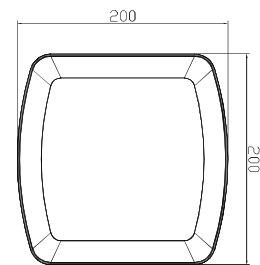
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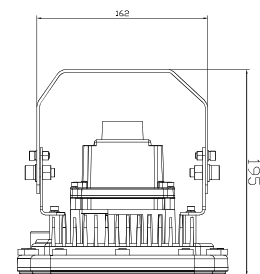
CES-J20/J30/J40S

OVERALL DIMENSIONS

Product Size(mm)	200mm×200mm×195mm
Carton Size(mm)	255mm×255mm×215mm
QTY/CTN	1
Net Weight	4.0kg
Gross Weight	5.0kg



Unit: mm



TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	140 lm/W
Power (W)	20W/30W/40W
Voltage - Frequency	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	Meanwell LED Driver
Beam Angle	90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +55°C
Entry Size	3/4"-14 NPT
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)



Note: This product is sold without mounting bracket. The bracket shown in the drawings is for display purposes only and must be purchased separately.

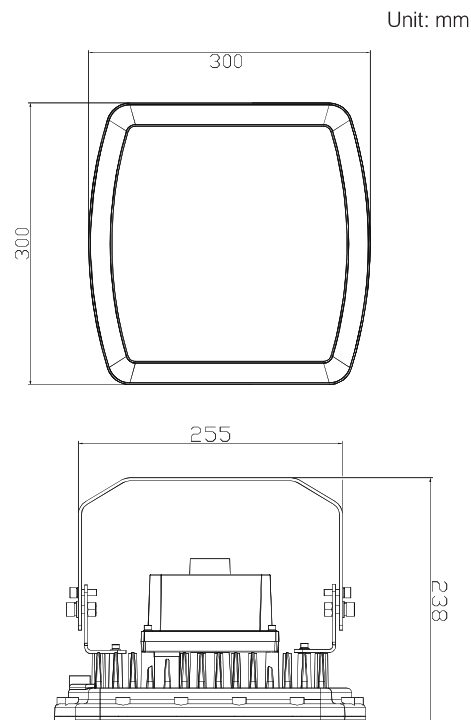
CES-J Series

Explosion-proof LED Flood Light A

CES-J60/J80/J100

OVERALL DIMENSIONS

Product Size(mm)	300mm×300mm×238mm
Carton Size(mm)	375mm×375mm×245mm
QTY/CTN	1
Net Weight	7.0kg
Gross Weight	9.0kg



TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	140 lm/W
Power (W)	60W/80W/100W
Voltage - Frequency	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	Meanwell LED Driver
Beam Angle	90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +55°C
Entry Size	3/4"-14 NPT
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)



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CES-J Series

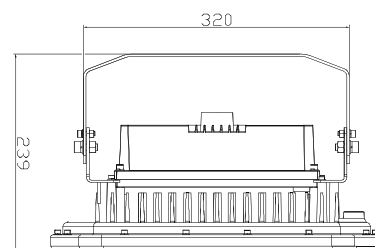
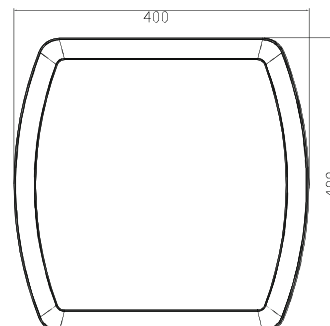
Explosion-proof LED Flood Light A

Unit: mm

CES-J120/J150/J180/J200

OVERALL DIMENSIONS

Product Size(mm)	400mm×400mm×239mm
Carton Size(mm)	470mm×470mm×250mm
QTY/CTN	1
Net Weight	10.5kg
Gross Weight	12.0kg



TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	140 lm/W
Power (W)	120W/150W/180W/200W
Voltage - Frequency	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	Meanwell LED Driver
Beam Angle	90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +55°C
Entry Size	3/4"-14 NPT
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

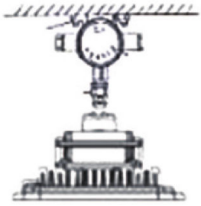


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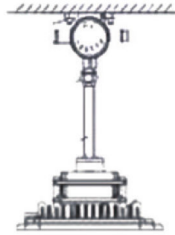
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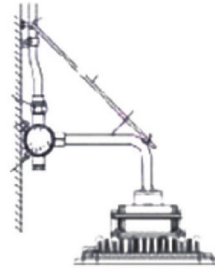
INSTALLATION METHOD



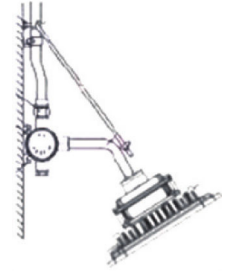
A. Ceiling mount



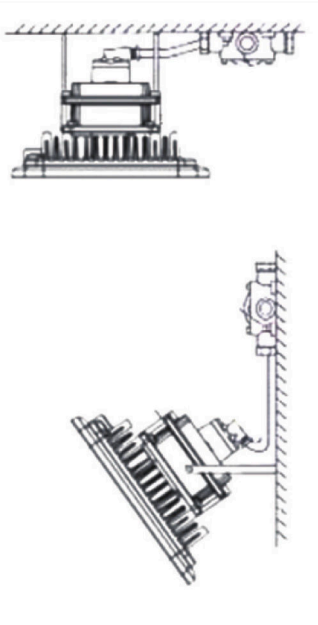
B. Drop mount



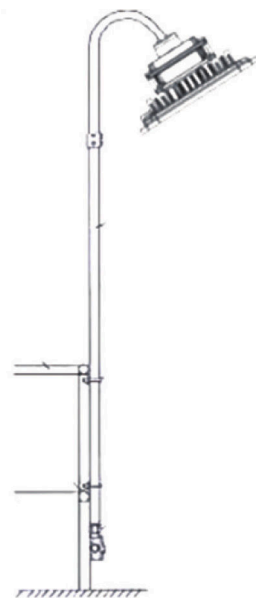
C. Wall Mount



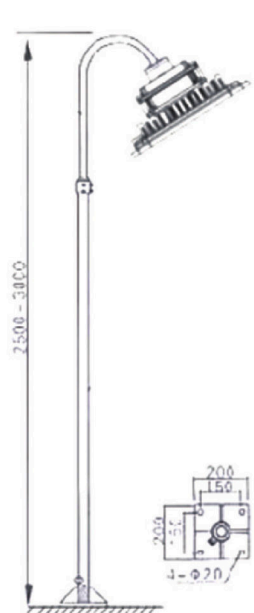
D. Wall Mount



E. U-Bracket Mounting



F. Pole Mount



G. Pole Mount