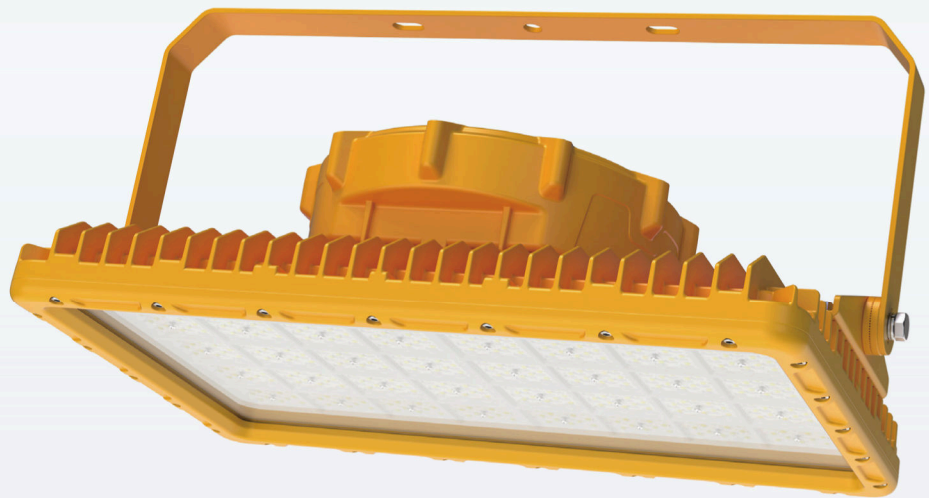


EXPLOSION-PROOF Floodlightlight B

CES-EX-D-JX Series

Suitable for Zones 1,2 (explosive gas), Zones 21,22 (combustible dust);
IIA/IIB gas classes, T1-T6 temperature classes.

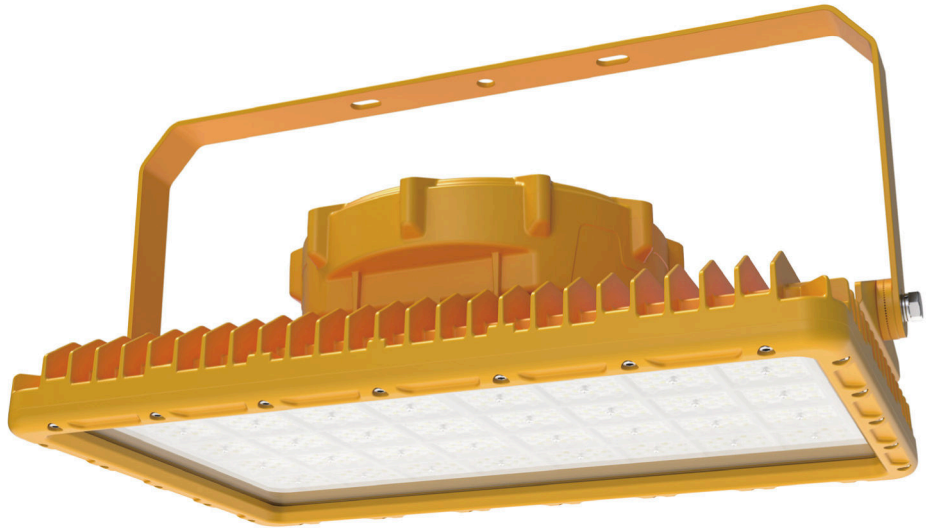


Engineered for Extremes.
Trusted for Safety.



EXPLOSION-PROOF Floodlight B

CES-EX-D-JX Series



QUALIFICATION CERTIFICATES

ATEX:

-  II 2 G Ex db op is IIC T6...T4 Gb;
-  II 2 D Ex op is tb IIIC T130°C Db;
- IP66;
- Certificate No.: TÜV CY 24 ATEX 0206973 X

Explosion-proof mark:

- Ex db IIC T6 Gb; Ex tb IIIC T80°C Db;

Executive standard:

- GB/T3836.1; GB/T3836.2; GB/T3836.31;
- IP66;
- Certificate No.: CMExC23.1136X



CES-EX-D-GBX Series

Explosion-proof Floodlight B

SCOPE OF APPLICATION

- Suitable for energy saving renovation projects and maintenance and replacement of difficult places;
- Suitable for explosive gas environment zone 1, zone 2 places;
- Suitable for corrosive gas, damp, high protection requirements of the environment;
- Widely used in oil mining, oil refining, chemical industry, military, electric power, metallurgy and other dangerous environment for flood lighting;
- Applicable to combustible dust environment zone 21, zone 22 places;
- Applicable to IIA, IIB explosive gas environment;
- Applicable to T1-T6 temperature groups.

PRODUCT FEATURES

- Explosion-proof structure design for enhanced safety and reliability.
- Equipped with the latest generation of premium-brand LED light sources, LM-80 certified.
- Professional optical system design with a tempered glass lampshade, offering excellent impact and corrosion resistance. equipped with the latest generation of nano reflector, ensuring high light output efficiency.
- Housing made of aluminum alloy with advanced UV-resistant and anti-corrosion electrostatic powder coating technology.
- Ultra-clear tempered glass, resistant to 4J impact, heat, thermal fusion, and offering high light transmittance.
- High-corrosion-resistant stainless steel exposed fasteners.
- Various installation options available.
- Optional single-lamp controller for customized lighting scene settings.
- Optional emergency module for emergency lighting functionality.

CES-EX-D-JX Series

Explosion-proof Floodlight B

Unit: mm

CES-EX-D-JX-30A/40A/50A

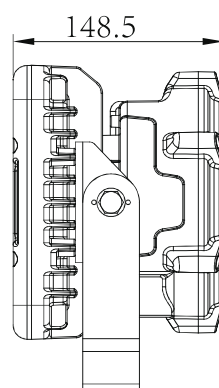
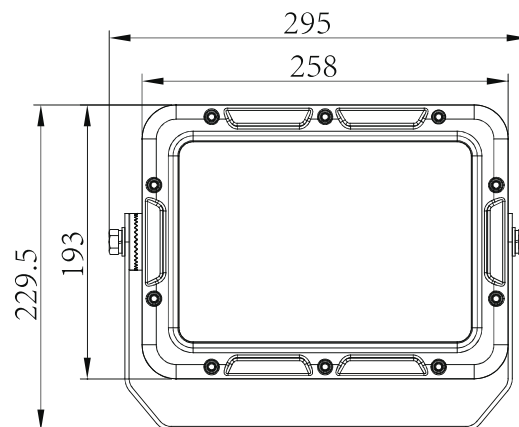
OVERALL DIMENSIONS

Product Size(mm)	295mm×193mm×148.5mm
Carton Size(mm)	—
QTY/CTN	—
Net Weight	5.2kg
Gross Weight	—

TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	130 lm/W
Power (W)	30W/40W/50W
Voltage - Frequency	AC100V-AC240V
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	30°, 60°, 90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +60°C
Anticorrosion Grade	WF1/WF2 (Custom)
Entrance cable (φ)	7~8mm
Lead-in threaded holes	G3/4

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-EX-D-JX Series

Explosion-proof Floodlight B

Unit: mm

CES-EX-D-JX-60B/70B/80B/
100B

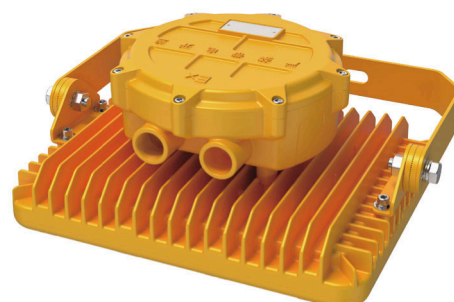
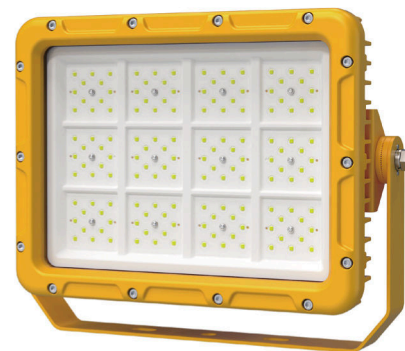
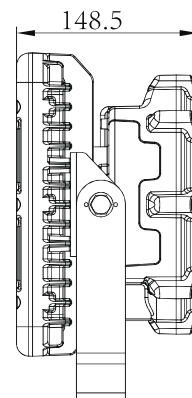
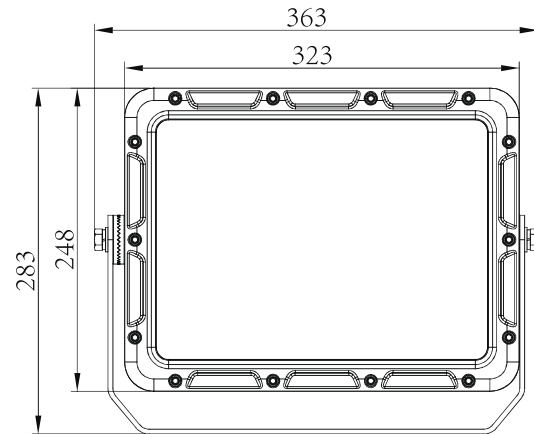
OVERALL DIMENSIONS

Product Size(mm)	363mm×248mm×148.5mm
Carton Size(mm)	—
QTY/CTN	—
Net Weight	7.9kg
Gross Weight	—

TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	130 lm/W
Power (W)	60W/70W/80W/100W
Voltage - Frequency	AC100V-AC240V
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	30°, 60°, 90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +60°C
Anticorrosion Grade	WF1/WF2 (Custom)
Entrance cable (φ)	7~8mm
Lead-in threaded holes	G3/4

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-EX-D-JX Series

Explosion-proof Floodlight B

Unit: mm

CES-EX-D-JX-120C/150C/
180C/200C

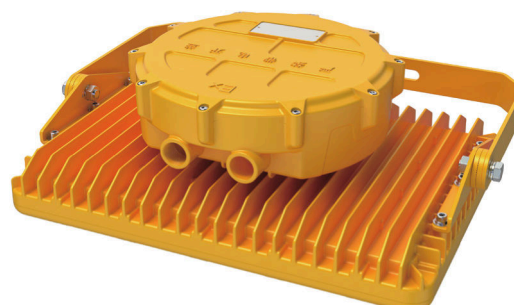
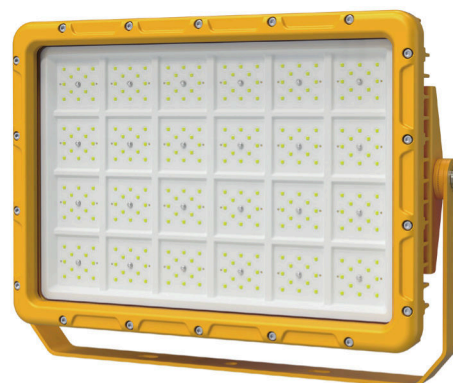
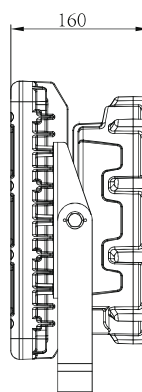
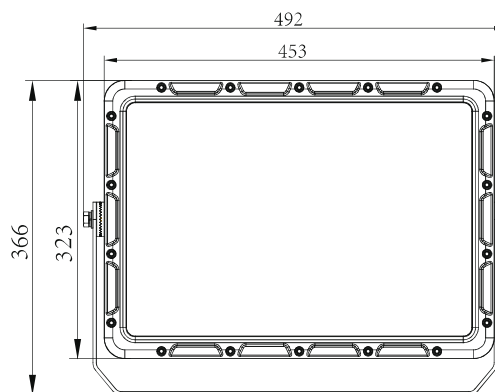
OVERALL DIMENSIONS

Product Size(mm)	492mm×323mm×160mm
Carton Size(mm)	—
QTY/CTN	—
Net Weight	14.7kg
Gross Weight	—

TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	130 lm/W
Power (W)	120W/150W/180W/200W
Voltage - Frequency	AC100V-AC240V
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	30°, 60°, 90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +60°C
Anticorrosion Grade	WF1/WF2 (Custom)
Entrance cable (φ)	7~8mm
Lead-in threaded holes	G3/4

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-EX-D-JX Series

Explosion-proof Floodlight B

Unit: mm

CES-EX-D-JX-240D/300D/
350D/380D

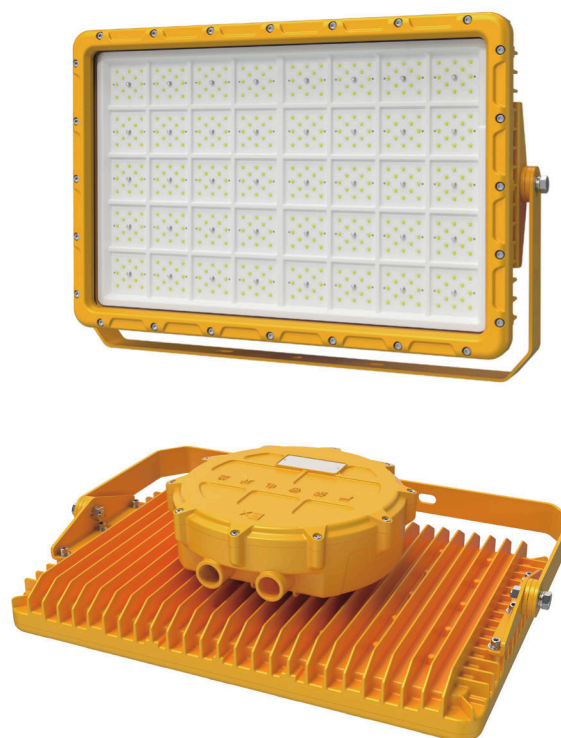
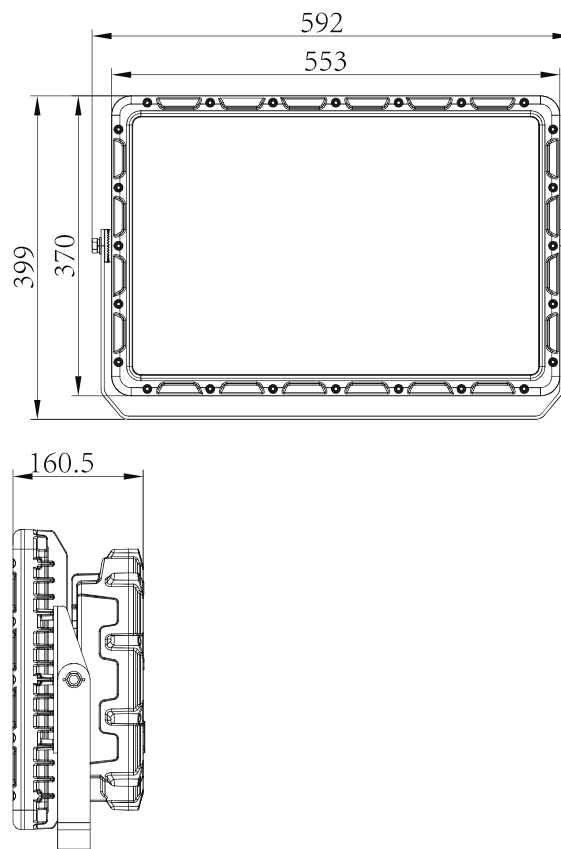
OVERALL DIMENSIONS

Product Size(mm)	592mm×370mm×160.5mm
Carton Size(mm)	—
QTY/CTN	—
Net Weight	19.6kg
Gross Weight	—

TECHNICAL SPECIFICATIONS

Light efficiency (lm/W)	130 lm/W
Power (W)	240W/3000W/350W/380W
Voltage - Frequency	AC100V-AC240V
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	30°, 60°, 90°, 120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	>50,000
THD	<10%
Operating Temperature	-40°C ~ +60°C
Anticorrosion Grade	WF1/WF2 (Custom)
Entrance cable (φ)	7~8mm
Lead-in threaded holes	G3/4

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

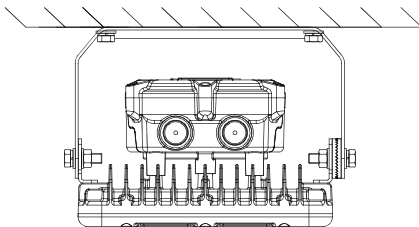


CES-EX-D-JX Series

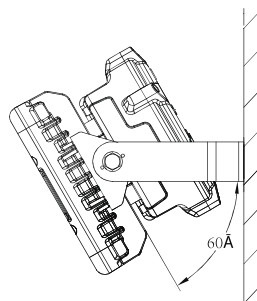
Explosion-proof Floodlight B

INSTALLATION

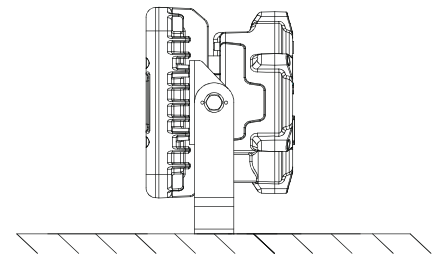
1. The installation of explosion-proof lights must be professionally installed;
2. Operation process:
 - (a) Fixing explosion-proof luminaires to buildings or installation structures;
 - (b) Open the power chamber cover, remove the lead-in device assembly, and select the cable that meets the requirements;
 - (c) Connect the cable to the terminal reliably, and connect the internal ground wire, cover the power supply chamber cover, and fix the fasteners;
 - (d) Install and tighten the main part of the lead-in device, press the sealing ring, and make the cable reliably clamp and seal;
 - (e) After connecting the external ground wire, power on to check the working condition of the explosion-proof lamps.



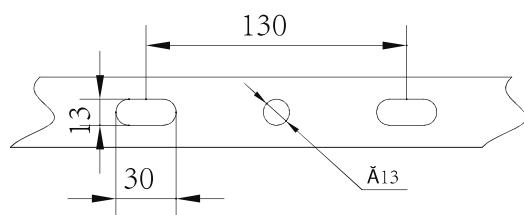
Ceiling type (x)



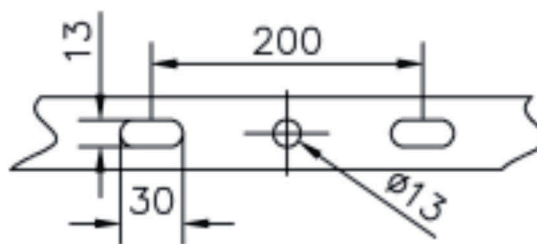
Wall type (b)



Seat type (z)



Type A and type B



Type C and type D