

GS Series Explosion-proof Canopy Light



ATEX: II 3G Ex nR IIC T6/T5 Gc
II 3D Ex tc IIIC T80°C/T95°C Dc
ATEX Certificate NO: TÜV CY 26 ATEX 0207612 X
Gas: Zone 2
Dust: Zone 22

AC Input: 100-277V, 50/60Hz

CRI Range: Ra>80

CCT Range: NW(4000K), CW(5700K)

Beam Angle: 120°

Light Efficiency: 150±5% Lm/W

Protection grade: IP66 & IK10

Shell material: Aluminum+PC

protective cover: organic glass, Stand 7J impact

corrosion-resistant grade: C3

Light body color: RAL9010

Surge Protection: 4kV line-line 6kV line-earth

Electrical Connections: 3 wire and earth cable size
2.5mm² max. Through wiring versions available

L80B20@25°C : >100000h

PF: ≥0.95 THD<15% Power Efficiency: ≥0.9

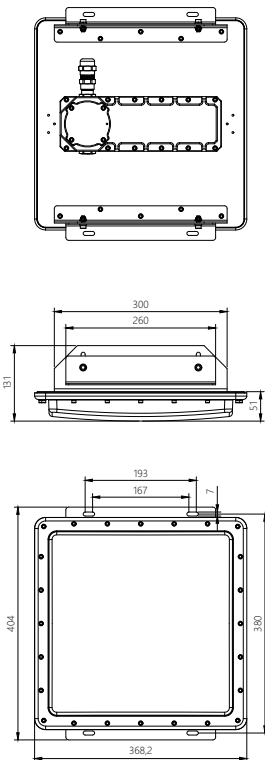
Dimmer: 0-10V or PWM

Self-testing Emergency: NA

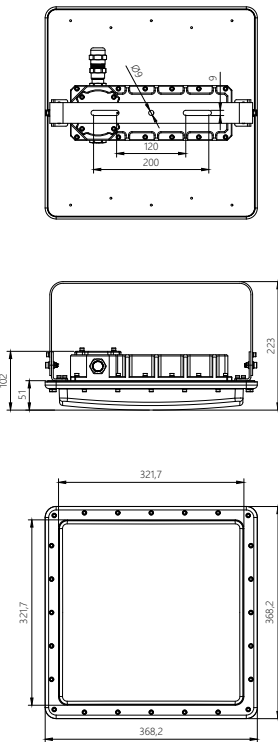
Allowable Temperature: -20°C - +55°C

Cable Entries: 2xM20x1.5

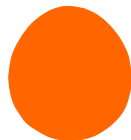
Warranty: 5 year



XJ-EX-N-GS-*-B



XJ-EX-N-GS-*-A



Code No.	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Dimensions (mm)	Pcs/Pack	N.W. (kg)	G.W. (kg)
XJ-EX-N-GS-*-A	100/150/200W	30000@200W	150	368.2x368.2x223	1	6.7	8.0
XJ-EX-N-GS-*-B	100/150/200W	30000@200W	150	404x368.2x131	1	7.5	9.0

EX-N-GS Canopy Light Installation Instruction (Recessed mounted)

Notes:

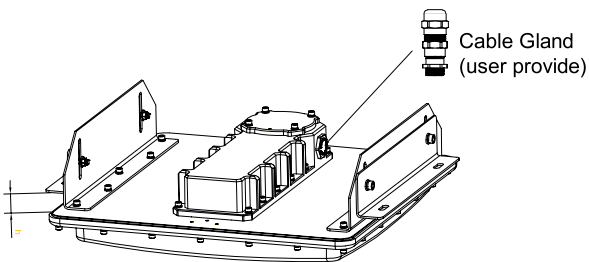
1. Turn off the power before installing the lamp;
2. The LED driver must be supplied with 100-277 V ac, 50/60Hz;
3. The operating ambient temperature is -20-55°C;
4. Please ensure that there is a minimum distance of 0.5 meters above the lamp



Warning:

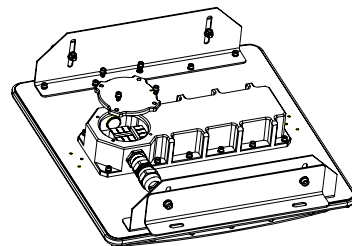
Installation must be performed by skilled technicians who are familiar with the technical requirements and proper installation methods of LED luminaire. Please check the air tightness of the lighting fixtures every six months. If the air tightness is compromised or there are potential hazards, please replace the sealing gasket before use. If replacing the PCBA, the gasket needs to be replaced together.

①



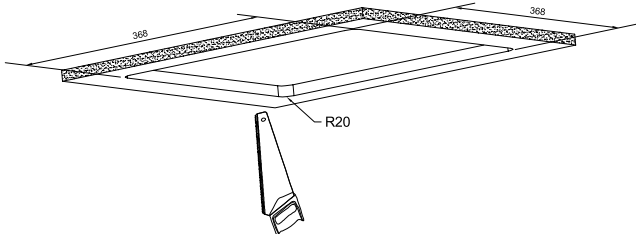
Replace the screw plug with a cable gland as needed, adjust the h size of the bracket, which is 3-5mm less than the thickness of the ceiling

④



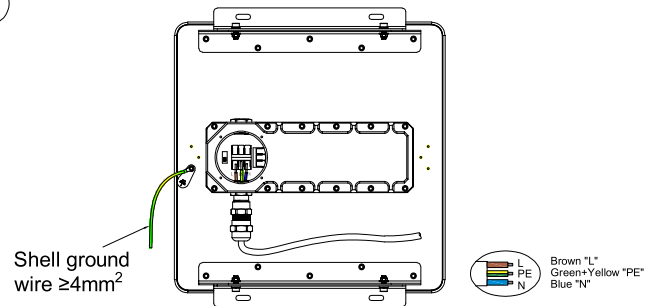
Open the cover above the power box with an Allen screwdriver .

②



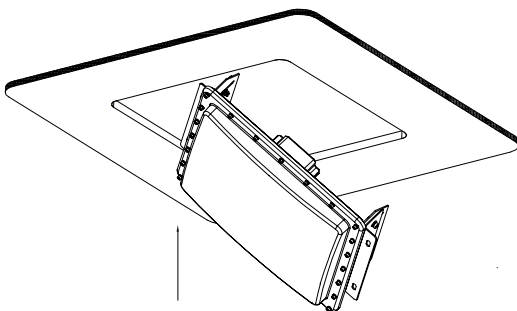
According to the type of the lamp , cut a 368x368mm holes in ceiling .

⑤



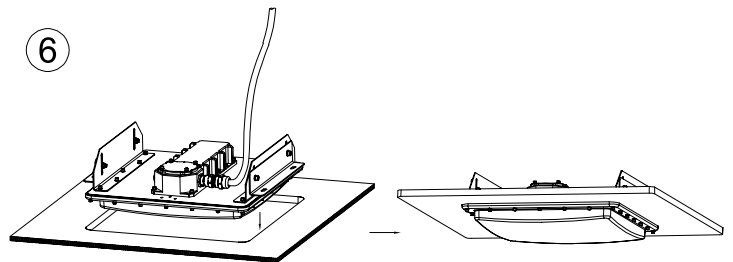
Connect the wires as shown in the diagram.

③



Tilt the lamp and move it above the ceiling.

⑥



Place the light fixture into the opening and installation is done.

EX-N-GS Canopy Light

Installation Instruction

(Bracket mounting)

Notes:

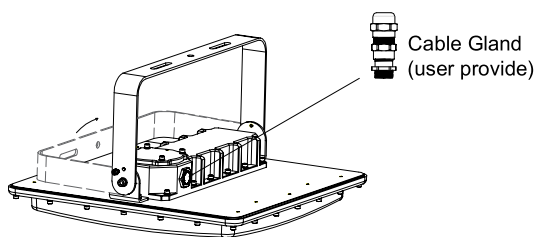
1. Turn off the power before installing the lamp;
2. The LED driver must be supplied with 100-277 V ac, 50/60 Hz;
3. The operating ambient temperature is -20-55°C;



Warning:

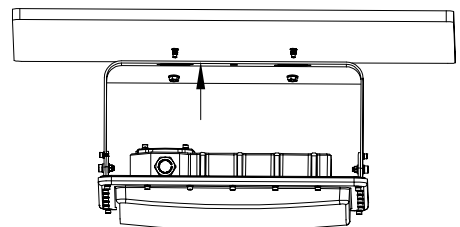
Installation must be performed by skilled technicians who are familiar with the technical requirements and proper installation methods of LED luminaire. Please check the air tightness of the lighting fixtures every six months. If the air tightness is compromised or there are potential hazards, please replace the sealing gasket before use. If replacing the PCBA, the gasket needs to be replaced together.

①



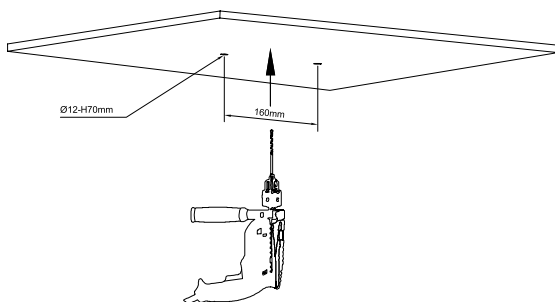
Replace the screw plug with a cable gland as needed, Push the bracket to a vertical position and secure the screws in place

④



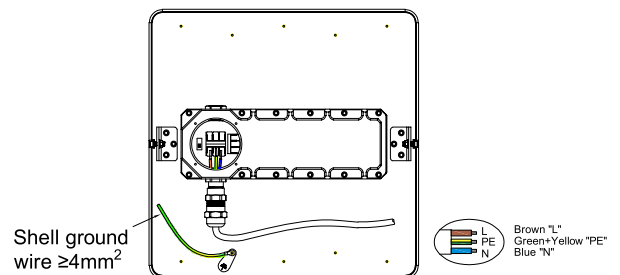
The luminaires are fixed by the bracket with screws and open the cover above the power box

②



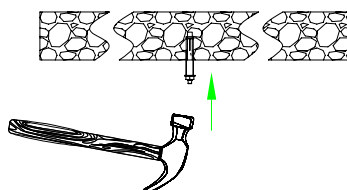
According to the type of the lamp,
Drill two holes in ceiling .

⑤



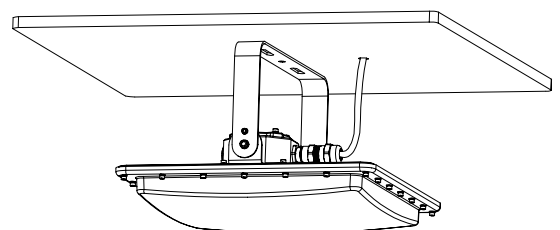
Connect the wires as shown in the diagram.

③



Put the expansion bolts(M8) into the hole.

⑥



Close the cover, installation is done.