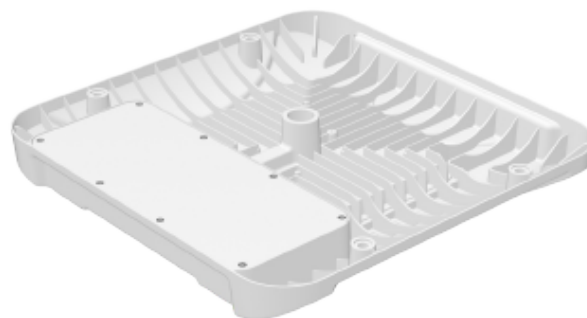
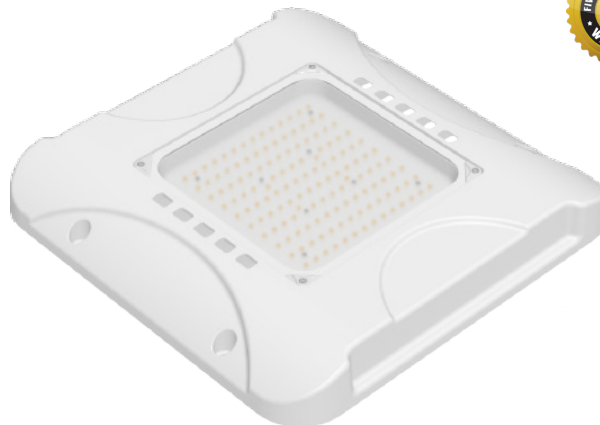


KEY FEATURES

- * Universal voltage AC100-277V 50/60Hz
- * Up to 140 lm/w light efficiency
- * Using high quality 3030 LED chips
- * High power factor >0.9, low THD driver
- * Adjustable power: 60%/ 80%/ 100%
- * Adjustable CCT: 3000K/ 4000K/ 5000K
- * Dust-proof and waterproof, IP65
- * One-piece die-cast aluminum heat-sink
- * Impact-resistant polycarbonate lens
- * Formulated for high-durability and long-lasting color
- * 5-year warranty



CCT Adjustable



3000K
4000K
5000K

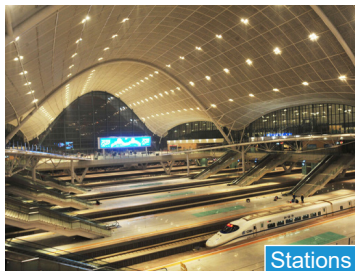
Power Adjustable



60%
80%
100%

APPLICATIONS

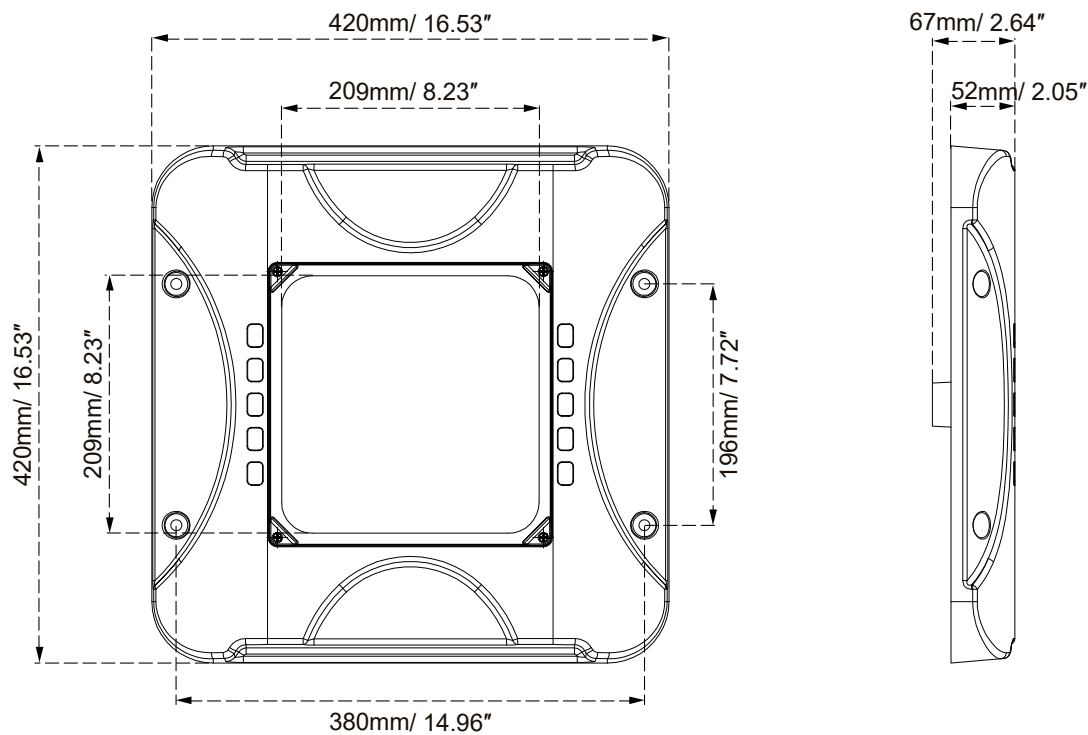
Widely used in construction site lighting, plant lighting, industrial lighting, sports centers, gas stations, parking lots, waiting rooms, railway stations, ports, terminals and other large-scale energy-efficient lighting.



DIMENSIONS

150W

Weight:4500g/ 9.92 lbs



Model	Lumen (±10%lm)	Efficacy (±10%)	Beam Angle	LED/ Qty.	Power (±10%)	Voltage/ Frequency	CRI	PF	Water-proof	Working Temperature	CCT & Power Adjustable
NG-CGS-150W	21000	140LM/W	120°	SMD3030 - 360pcs (3000K-180pcs) (5000K-180pcs)	150W	AC100-277V 50/60Hz	≥80	>0.9	IP65	-40℃~40℃ (-40°F~104°F)	3000K/ 4000K (mix) / 5000K 100%/ 80%/ 60%

INSTALLATION INSTRUCTIONS

LED LIGHTS MANUFACTURER

* IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

NGTLIGHT fixtures must be wired by qualified electrician. Proper grounding is required for safety.

Make sure power is OFF before installing or maintaining fixture.

*Install height from floor higher than 1.2m.

Safety rope: The safety rope will be hung on the lamp body, the other end fixed to the ceiling expansion bolts.

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

SIMPLE METHOD OF INSTALLATION:

Make sure that the ceiling can support the weight of the lamp.

- ① Make one hole between 40mm-50mm(1.57in-1.97in) in the ceiling.
- ② Put the fixture on the ceiling, make four marks according to 4 mounting kits, then drill 4 holes for them.
- ③ Connect the wires correctly and make sure the wires are well protected.
- ④ Get rubber plugs into the holes, match 4 mounting kits to the rubber plugs, then fix the fixture on the ceiling by screws.

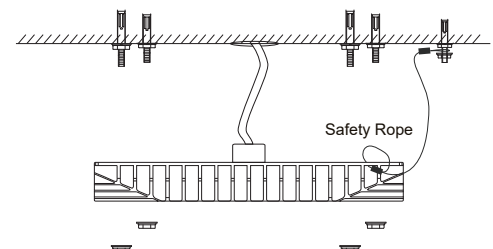
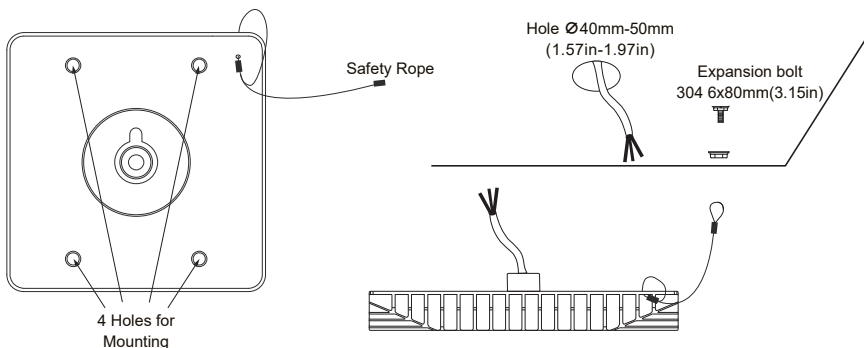
Ensure that no wires are pinched during installation.

- ⑤ After installation, sealed by waterproof glue between fixture and the mounting surface.

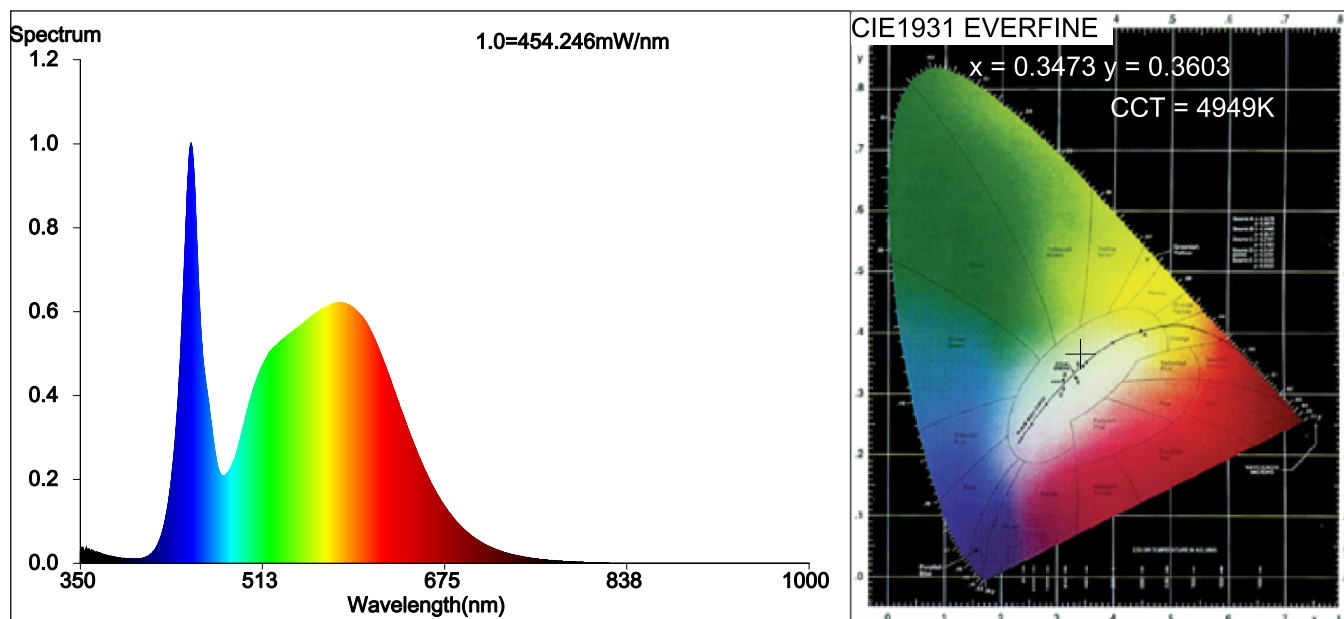
ELECTRICAL CONNECTIONS

- Connect the black wire to line.
- Connect the white wire to neutral.
- Connect the green or green/yellow wire to ground.

LINE	●	BLK
NEU	●	WHT
GRND	●	REN,GRN/YEL



Remark: expansion screws are not included.



Color Parameters:

Chromaticity Coordinate: $x=0.3473$ $y=0.3603$ / $u'=0.2096$ $v'=0.4892$

CCT=4949K(Duv=0.0034) Dominant WL:Ld =570.4nm WL:Lc = --nm Purity=12.3%

Ratio:R=15.4% G=80.4% B=4.2% Peak WL:Lp=448.8nm FWHM=19.7nm

Render Index:Ra=80.8 AvgR=73.0 TM30:Rf=82 Rg=95

R1 =78	R2 =86	R3 =91	R4 =81	R5 =79	R6 =80	R7 =87	
R8 =65	R9 =0	R10=66	R11=80	R12=57	R13=80	R14=95	R15=72

Photo Parameters:

Flux = 21531.75 lm Eff. : 142.5 lm/W Fe = 54.17 W Photosyn-
thetic:PPF:241.87umol/s PAR WATT:52876mW(400-700nm)

Electrical parameters:

V = 119.70 V I = 1.262 A P = 151.1 W PF = 0.9944

LEVEL:OUT WHITE:ANSI_5000K

How to adjust the power and color temperature of the light:

* Tips:

1. Make sure power off before adjust.
2. Please unscrew the background driver cover.
3. Adjust power and CCT accordingly.

CCT Selections:

There are 3 color temperatures available (WW CW/WW CW).

Please select the color temperature you prefer before installation.

WW	CW/WW	CW
3000K	4000K	5000K

Power Selections:

Move the power selection switch from left to right. Power decreases accordingly.

H	M	L
100%	80%	60%

