

PRODUCT DATASHEET

High luminous efficiency, five years warranty
HYD-409-100W 6500K



Application

- Stadium
- Park
- Large area workplace
- Packing lots
- Gymnasiums

Benefits

- Flicker free
- Lighting coverage area is wide
- Protection against water and dust, IP65
- Adjustable support, any Angle, flexible adjustment of light direction

Features

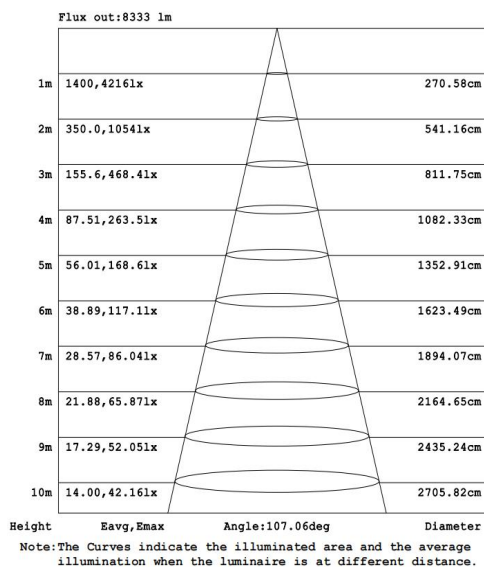
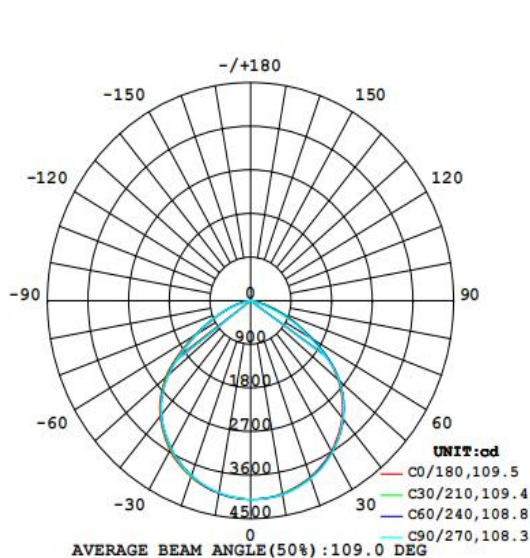
- Warranty 5 years
- Highly transparent glass mask
- Easy and quick installation
- Thick aluminum lamp body, corrosion resistance, good heat dissipation, long service life

Electrical Data

Nominal wattage (W)	100W
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50/60 Hz
Nominal Current (mA)	427
Power Factor	0.9
Operating mode	DOB

Photometrical data

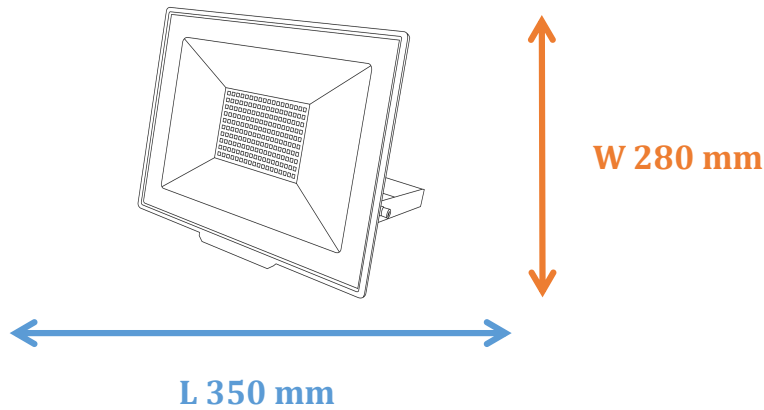
Luminous flux $\pm 10\%$ (lm)	10707 lm
Luminous efficacy	116 lm/w
Color temperature	6500K
Light color (designation)	Cold White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 5 SDCM
Luminous intensity/cd	4102
Flickering	Flicker free
Beam angle	109 °



6500K

Dimensions & Weight

Diameter (mm)	350*280
Height (mm)	26
Product weight (g)	1991



Material & Colors

Product color	Black housing / White Frame
Housing color	Black
Body material	Aluminum
Cover material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10-45 °C
Temperature range at storage	-25-60 °C
Type of connection	Screwless terminal
Type of protection	IP65
Dimmable	No
Mounting type	Put/Suspension
Mounting location	Underground/Wall/Ceiling
Application environment	Indoor/Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

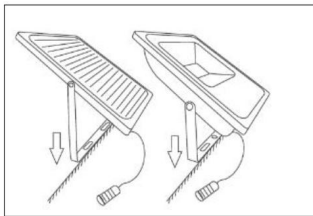
Certificates & Lifespan

Life (h)	50,000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

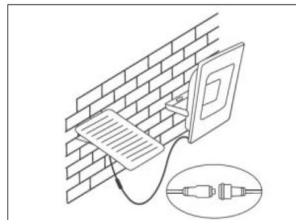
Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-409-100W

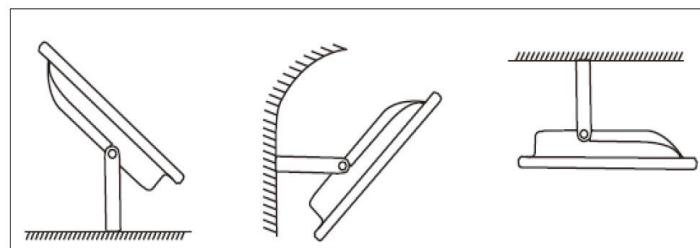
Installation Method



Fix the lamp and the solar panel with stainless steel screws.



Make sure to connect the plug firmly.



Install the LED flood lights in the ground, wall, and ceiling

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.