

PRODUCT DATASHEET

Five years warranty - Flood Light HYD-407-120W 6500K



Application

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

Benefits

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

Features

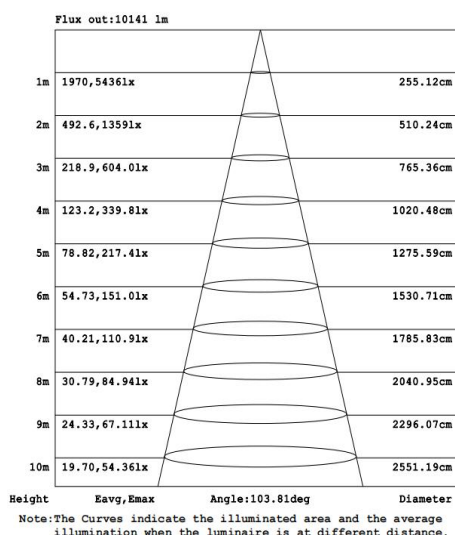
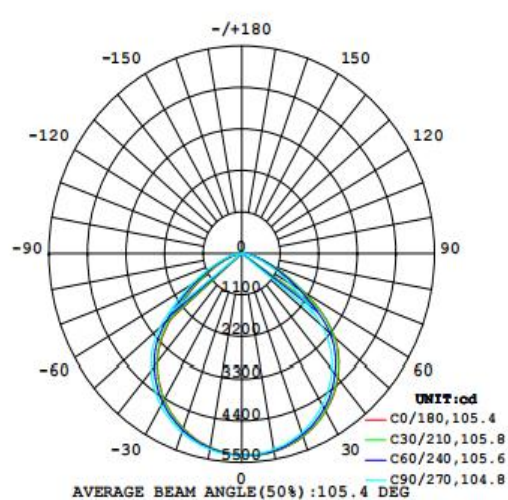
- Warranty 5 years
- Highly transparent glass mask
- Easy and quick installation
- Thick aluminum lamp body, corrosion resistance, good heat dissipation, long service life

Electrical Data

| | |
|------------------------|-------------|
| Nominal wattage (W) | 120W |
| Nominal Voltage (V) | 220 |
| Mains Frequency (Hz) | 50 |
| Nominal Current (mA) | 616 |
| Power Factor λ | 0.92 |
| Operating mode | DOB |

Photometrical data

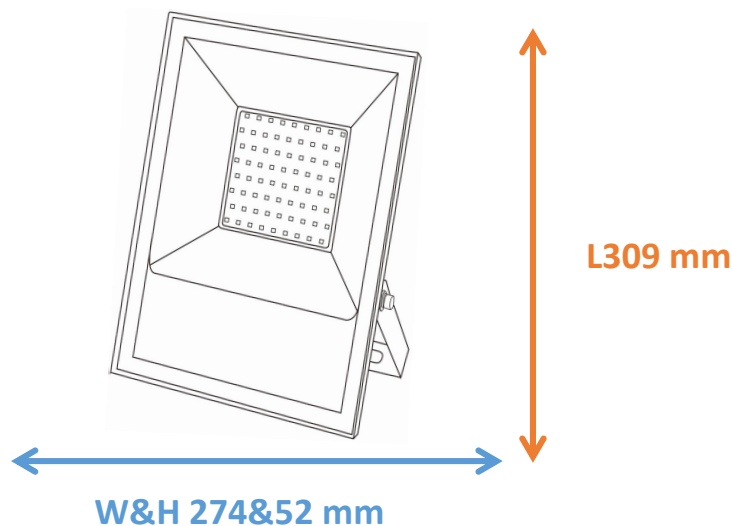
| | |
|--------------------------------------|---------------|
| Luminous flux $\pm 10\%$ (lm) | 13424 lm |
| Luminous efficacy | 107 lm/w |
| Color temperature | 6500K |
| Light color (designation) | Cold White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 5 SDCM |
| Luminous intensity/cd | 5327 |
| Flickering | Flicker free |
| Beam angle | 105 ° |



IES

Dimensions & Weight

| | |
|--------------------|---------|
| Diameter (mm) | 309*274 |
| Height (mm) | 52 |
| Product weight (g) | 2088 |



Material & Colors

| | |
|-----------------|-------------------------------|
| Product color | Black housing and Green 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 |

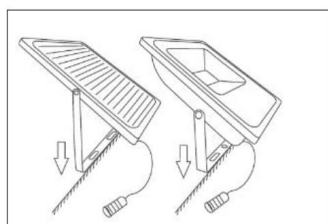
Certificates & Lifespan

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

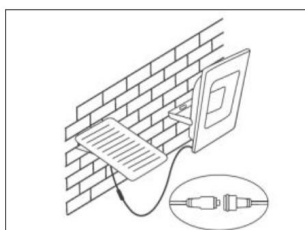
Logistical Data

| Product code | Dimensions (L*W*H) | Pcs/ carton | G.W. kg | Volume CBM |
|--------------|--------------------|-------------|---------|------------|
| HYD-407-120W | 35*32*35 cm | 5 | ... | 0.0392 |

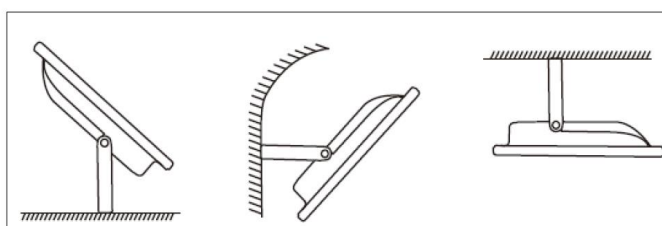
Installation Method



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.