



OUTDOOR LED FLOODLIGHT

Ref No: GR-FL-20WA-01

CE RoHS IP66



LED Flood light is made of die-cast aluminum and Toughed glass cover, delivers a superior LED alternative that's up to 60% more energy efficient than the conventional HPS, Metal halide flood light retrofits. Surge protection up to 4KV-6KV which will keep its stable quality. The input voltage can be AC/DC 12V 24V 36V 48V 60V or 100-240VAC optional.

Complete Product Data

| | |
|-----------------------|--|
| Order Number | GR-FL-20WA-01 |
| Total Wattage | 20W±5% |
| Mounting Type | Wall mounted/Pole mounted/ground mounted |
| Dimension(mm) | 180x160x57mm |
| Outcut(mm) | / |
| IP Grade | IP66 |
| Luminaries Lumens | 2000-2400lm |
| Beam angle | 120° |
| Working temperature | -25°C ~ +55°C |
| Certificates standard | CE LVD EMC RoHS |
| Warranty | 2/3Years |
| Package | / |

Electrical Data

| | |
|------------------|--|
| LED driver Brand | Isolated driver |
| Input voltage | DC12V/24V/36V/48V or 100-240VAC 50/60Hz optional |
| Output voltage | 28-60Vdc |
| Output current | 450-700mA |
| Power Factor | >0.5 or >0.9 |
| Surge protection | 4-6KV |
| Efficiency | >86% @230V |
| IP Grade | IP66 |
| THD | <15% @230V |
| Dimmable | No |
| Free flicker | No |
| Protection | Short circuit, open circuit, overcurrent, overvoltage protection |
| Certificates | / |
| Warranty | 2/3Years |

Material&Housing Data

| | |
|------------------|--|
| Housing Color | Black as standard, white optional |
| Housing Material | Die-cast aluminum |
| Cover material | Toughed glass |
| Reflector | Silver PC reflector or white reflector |
| Bracket | Metal |
| Connector | / |

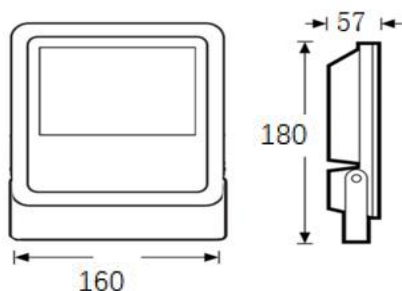
Photometric Data

| | |
|--------------------|--|
| LED chip brand | Philips/Bridgelux |
| Chip type | SMD |
| Color temperature | 2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K |
| CRI | >Ra70/80 |
| Life time | >50000Hrs |
| Lumens | 120-150lm/W |
| SDCM | <5 |
| Lumens maintenance | 99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80) |

Optional

| | |
|----------------------|--------------------------------------|
| Dimming Type | / |
| Dimming driver brand | / |
| Emergency backup | / |
| Input voltage | AC/DC12V/24V/48V optional |
| Motion sensor | Yes, Radar sensor available optional |

Dimension



Unit:mm

Lighting Distribution

