



OUTDOOR LED FLOODLIGHT

Ref No: GR-FL-100WA-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/DC12V 24V 36V 48V 60V or 100-240VAC optional.

Complete Product Data

Order Number	GR-FL-100WA-01
Total Wattage	100W±5%
Mounting Type	Wall mounted/Pole mounted/ground mounted
Dimension(mm)	285x250x57mm
Outcut(mm)	/
IP Grade	IP66
Luminaries Lumens	10000-12000lm
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	100-240VAC 50/60Hz or DC12V 24V 36V 48V input optional
Output voltage	36-72Vdc
Output current	2500-3000mA
Power Factor	>0.95
Surge protection	4-6KV
Efficiency	>90% @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	/

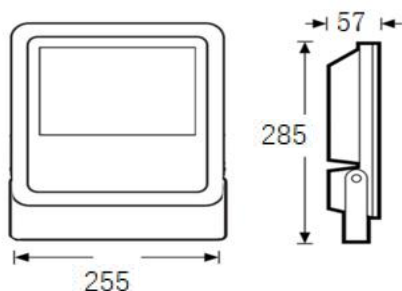
Photometric Data

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

