

# LED FLOOD LIGHT 300 W

أوبتيمال لايت  
Optimal Light



MODEL # OPT -FLG1

LED FLOOD LIGHT

160 Lm  
Watt

100-277  
Volt

100000  
Hrs.

IP  
66

Watt	300
Lumen	160 LUMEN/W
Surge	6KV
Voltage	100-277 VOLT AC
Life Hours	100,000
Material	Die cast Aluminum
Color Temperature	3000K 4000K 6500K
IP Rating	66



## FLOOD LIGHT FEATURES

Save up to 80% in energy consumption compared to conventional lamps

IP66 Ingress Protection

Universal Voltage 100-277V (90-305 AC)

High Lumen efficiency

160 Lumen/Watt

Die-casting and Tempered Glass

100000 hours long life time.

Total Harmonic Distortion: <15%

Color Temperature: 3000K 4000K 5000K 6500K.

Big PCB for better heat dissipation

PHILIPS LUMILED LEDS

SOSEN DRIVER.

LED CHIP BRAND



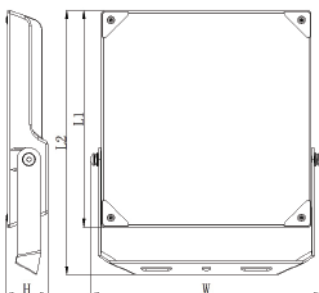
DRIVER BRAND



Class P

## GENERAL SPECIFICATION OPTIMAL LIGHT LED FLOOD LIGHT 300W

WATTAGE	300W
RATED INPUT VOLTAGE	100-277 VOLT AC
POWER FACTOR	>0.95
RATED LUMENS	48000 LUMEN
CCT (K)	3000K 4000K 6500K
CRI	>80
LUMEN EFFICIENCY	160 LM/W
LED	LUMILEDS 2835R Series
RATED LIFE TIME	100000 HRS @ L70 B50 30 C
OPERATING TEMP.	-30 -+55 C
MATERIAL	DIE CAST ALUMINUM
FRONT GLASS	TEMEPERED CLEAR GLASS
HEAT SINK	DIE CAST ALUMINUM
HOUSING COLOR	BLACK
INGRESS PROTECTION	IP 66
IK RATING	IK08



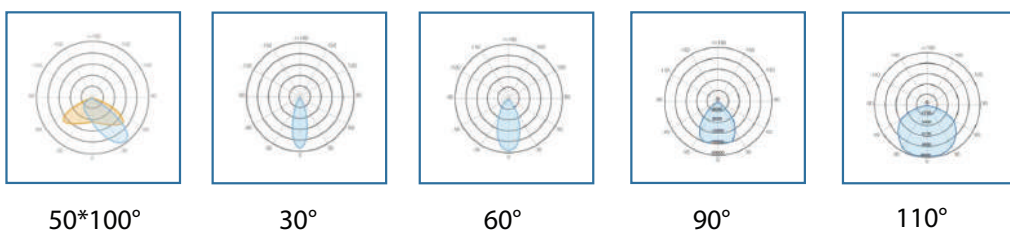
Power	L1	L2	W	H
50-100W	270mm	342mm	290mm	58mm
120-200W	320mm	390mm	342mm	64mm
240-300W	370mm	462mm	392mm	78mm



## APPLICATION

- Stadium, Play Ground, Factory
- Warehouses, Workshop, Logistics center
- Exhibition Hall, Mining, Gas station
- Lighting decoration project
- Indoor & Outdoor Lighting Application

## Optical



## Easy stock

ON/OFF or Power&CCT selectable available with less SKU for all demands  
High efficiency up to 160LMW

## Easy maintenance

Easy access to the internal LED driver and lens for field maintenance and more options

## Multiple optics

Modular lens or reflectors can be changed according to the end users requirements

## 3G vibration

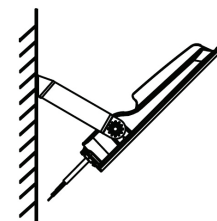
Die-casted heatsink with strong bracket that can pass 3G vibration test

## Smart-ready

0-10V with aux output for PIR sensors  
NEMA 7 pin available for photocell or smart city control

## Tough condition

Strong structure with die-cast aluminum heatsink for 55 and 1000 hours salty spray test



Wall mount