

# Landscape Lighting

**OptoLed**  
Saving Energy

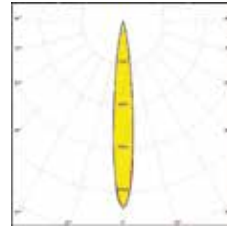


# Flood B

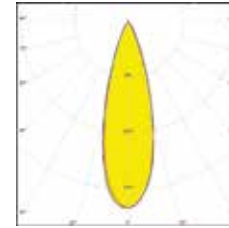
## Optical Details

### Mechanical Details

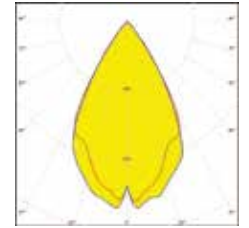
- Corrosion resistant die-cast aluminium body
- Excellent heat dissipation for cooling electronics components
- Impact and heat resistant tempered glass
- Stainless steel screws
- Waterproof and durable silicone gaskets
- In compliance with European Standards EN-60598
- Mechanical impact resistance IK 08
- Protection Grade IP66
- Electrical installation Class I
- Electrostatic polyester powder coating with high thermal conductivity



Dimensions: 16.1 mm x 16.1 mm  
Height: 9.66 mm  
~16° diffused spot beam Assembly with holder and installation tape.



Dimensions: 16.0 mm x 16.0 mm  
Height: 9.50 mm  
~30° medium beam. Assembly with holder, installation tape and location pins.



Dimensions: 16.1 mm x 16.1 mm  
Height: 11.00 mm  
~60° wide beam optimized for Niche NS6x83. Assembly with holder and installation tape.

### Electrical Details

#### Flood B-18H

- LED Quantity : 18pcs Power LED
- DC forward current : 350mA
- Optical Lens Efficiency :10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 18W
- Input Voltage : 230VAC , 24VDC
- Frequency Range : 47 ~ 63Hz
- Power Factor : >0.9
- Total Harmonic Distortion(THD) : <15%
- Color Temperature : 3000-6500 (K)
- Color Rendering Index : >70
- Temperature of Working Condition : - 40C to + 55C
- Humidity of Working Condition : 10% ~ 90%
- Working Life : >50,000Hrs
- Protection Grade : IP66

#### Flood B-24H

- LED Quantity : 12pcs Power LED
- DC forward current : 700mA
- Optical Lens Efficiency :10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 24W
- Input Voltage : 230VAC , 24VDC
- Frequency Range : 47 ~ 63Hz
- Power Factor : >0.9
- Total Harmonic Distortion(THD) : <15%
- Color Temperature : 3000-6500 (K)
- Color Rendering Index : >70
- Temperature of Working Condition : - 40C to + 55C
- Humidity of Working Condition : 10% ~ 90%
- Working Life : >50,000Hrs
- Protection Grade : IP66

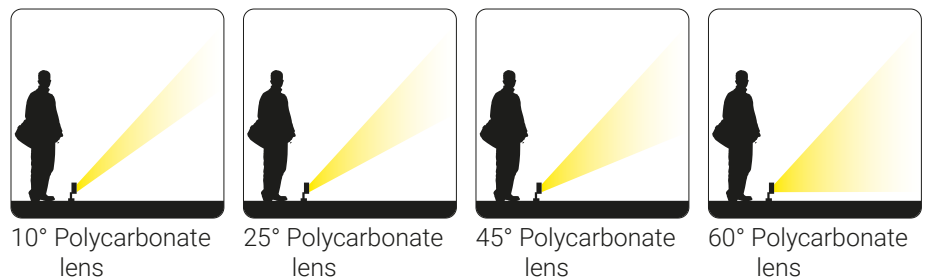
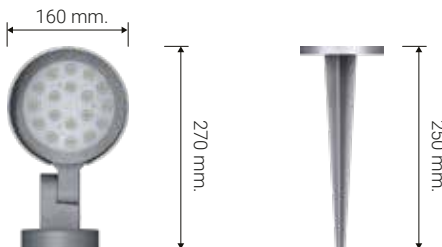
#### Flood B-8H

- LED Quantity : 8pcs Power LED
- DC forward current : 500mA
- Optical Lens Efficiency :10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 50W
- Input Voltage : 230VAC , 24VDC
- Frequency Range : 47 ~ 63Hz
- Power Factor : >0.9
- Total Harmonic Distortion(THD) : <15%
- Color Temperature : 3000-6500 (K)
- Color Rendering Index : >70
- Temperature of Working Condition : - 40C to + 55C
- Humidity of Working Condition : 10% ~ 90%
- Working Life : >50,000Hrs
- Protection Grade : IP66

### Specification

Code	Watt	Lamp	Current	Lumen
Flood B-12H	12W	Power Led	350 lm.	1260 lm.
Flood B-18H	18W	Power Led	350 lm.	1890 lm.
Flood B-24H	24W	Power Led	700 lm.	2520 lm.
Flood B-8M	50W	Power Led	500lm.	5250 lm.(External Driver)

### Technical Detail



### Standards

# Flood B

