

Landscape Lighting

OptoLed
Saving Energy

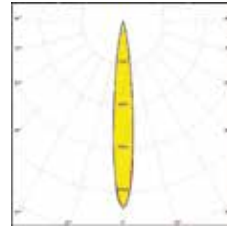


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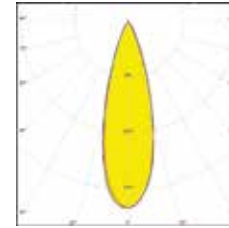
Optical Details

Mechanical Details

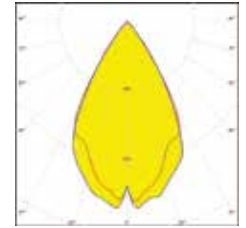
- Corrosion resistant die-cast aluminium body
- Excellent heat dissipation for cooling electronics components
- Impact and heat resistant tempered glass
- Stainless steel screws
- Waterproof and durable silicone gaskets
- In compliance with European Standards EN-60598
- Mechanical impact resistance IK 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 S-3L

- LED Quantity : 3pcs Power LED
- DC forward current : 350mA
- Optical Lens Efficiency : 10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 3W
- 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 S-6L

- LED Quantity : 6pcs Power LED
- DC forward current : 350mA
- Optical Lens Efficiency : 10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 6W
- 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 S-9L

- LED Quantity : 9pcs Power LED
- DC forward current : 350mA
- Optical Lens Efficiency : 10-25-45-60
- PCB Heat Conductivity : >1.2W/mK
- Power Consumption : 9,5W
- 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

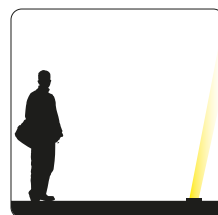
Specification

Code	Watt	Lamp	Lumen
Recess S-3L	3W	Power Led	315 lm.
Recess S-6L	6W	Power Led	632 lm.
Recess S-9L	9W	Power Led	945 lm.
Recess S-12L	12W	Power Led	1260 lm.
Recess SR-12L	3W	Power Led	315 lm.
Recess SR-3H	6W	Power Led	630 lm.

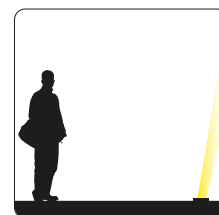
Technical Detail



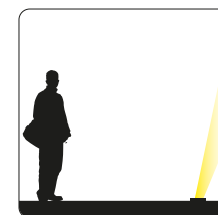
Standards



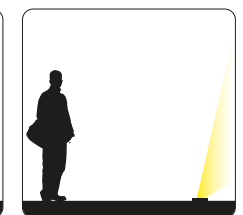
10° Polycarbonate lens



25° Polycarbonate lens



45° Polycarbonate lens



60° Polycarbonate lens

Recess S

