

# Landscape Lighting

**OptoLed**  
Saving Energy



# Bar U

## Mechanical Details

- Corrosion resistant extrude 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

## Electrical Details

### Bar U-25L

- LED Quantity : 24pcs SMD LED/mt
- PCB Heat Conductivity : >1W/mK
- Power Consumption : 12W
- Input Voltage : 12-24VDC
- 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

### Bar U-36L

- LED Quantity : 36pcs SMD LED/mt
- PCB Heat Conductivity : >1W/mK
- Power Consumption : 18W
- Input Voltage : 12-24VDC
- 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

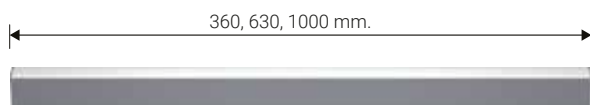
### Bar U-48LI

- LED Quantity : 48pcs SMD LED/mt
- PCB Heat Conductivity : >1W/mK
- Power Consumption : 24W
- Input Voltage : 12-24VDC
- 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
Bar U-24L	12W	Mid Power Led	1260 lm.
Bar U-36L	18W	Mid Power Led	1890lm.
Bar U-48L	24W	Mid Power Led	2520 lm.

## Technical Detail



## Standards

# Bar U

