# TEMO  18W

## BOLLARDS

**BAYLED®**

## PRODUCT DATA

### General Information

| | |
|---|---|
| **Number of light source** | 16 pcs |
| **LED module** | Mid Power LED's on alu-PCB |
| **Light distribution** | ASYM |
| **Light source colour** | 3000K-4000K |
| **Number of gear unit** | 1 unit |
| **Driver / power unit** | PS (Constant current) |
| **Driver included** | Yes |
| **Optical cover / lens type** | PMMA |
| **Control interface** | On/Off |
| **Connection** | - |
| **Cable** | 3x0,75 mm$^2$ |
| **Protection class IEC** | Safety class l |
| **CE mark** | CE mark |
| **ENEC mark** | - |
| **Warranty period** | 3 years |
| **Optic type** | Asymmetric |
| **EU RoHS compliant** | Yes |
| **Light source engine type** | LED |
| **LDT / IES photometric file** | N/A |
| **Life span** | Estimated average 50.000 hours |
| **MacAdams** | CCT tolerance within a 3 step MacAdams ellipse |
| **Product code** | 60-71-18-16-X (X: Led colour) |

### Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 90-264 V AC |
| **Input frequency** | 50 to 60 Hz |
| **Inrush current** | 82 mA |
| **Power factor (min.)** | 0.92 |

### Control and Dimming

| | |
|---|---|
| **Dimmable(optional)** | 1-10V - DALI |
| **DMX** | - |

### Mechanical and Housing

| | |
|---|---|
| **Housing material** | Aluminium |
| **Gasket** | Silicone |
| **Optic material** | - |
| **Optical cover / lens material** | PMMA |
| **Fixation material** | Stainless steel |
| **Mounting device** | - |
| **Effective projected area** | 0,12m$^2$ - 0,15m$^2$ |
| **Colour** | Grey |
| **Dimensions (height x width x depth)** | 800(1000) x 150 x 150 mm |

### Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP66 |
| **Mech. impact protection code** | IK08 |
| **Surge protection (common/differential)** | 6 KV/4KV (optional) |

### Initial Performance (IEC Compliant)

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|---|---|
| **Module luminous flux** | 2594 lm (4000K) / 2455 lm (3000K) |
| **Luminaire luminous flux** | 2358 lm (4000K) / 2232 lm (3000K) |
| **LED luminaire efficiency** | 131 lm (4000K) / 124 lm (3000K) |
| **Colour Temperature** | 4000K / 3000K |
| | 6500K also available up on request. |
| **Colour rendering index** | ≥70 |
| **Rated LED power** | 16W |
| **Rated luminare power** | 18W |

### Application Conditions

| | |
|---|---|
| **Ambient temperature range** | -25°C to +55°C |
| **Maximum dimming level** | - |
| **Net weight (piece)** | Variable |

### Fixture Run Length

To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant