



### PRODUCT DATA

#### General Information

|                            |                                                |
|----------------------------|------------------------------------------------|
| Number of light source     | 32 pcs                                         |
| LED module                 | Mid Power LED's on alu-PCB                     |
| Light distribution         | 120°(without lens)                             |
| Light source colour        | 3000K-4000K                                    |
| Number of gear unit        | 1 unit                                         |
| Driver / power unit        | PS (Constant current)                          |
| Driver included            | Yes                                            |
| Optical cover / lens type  | 5mm polycarbon glass diffuser                  |
| Control interface          | On/Off                                         |
| Connection                 | -                                              |
| Cable                      | 3x1,5 mm <sup>2</sup>                          |
| Protection class IEC       | Safety class II                                |
| CE mark                    | CE mark                                        |
| ENEC mark                  | -                                              |
| Warranty period            | 5 years                                        |
| Optic type                 | Symmetric                                      |
| EU RoHS compliant          | Yes                                            |
| Light source engine type   | LED                                            |
| LDT / IES photometric file | Available                                      |
| Life span                  | Estimated average 50.000 hours                 |
| MacAdams                   | CCT tolerance within a 3 step MacAdams ellipse |
| Product code               | 60-51-18-X (XX: Lens angle, 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 (pole/head)        | Steel / Aluminium die-cast           |
| Gasket                              | Silicone                             |
| Optic material                      | PMMA                                 |
| Optical cover / lens material       | Diffuser                             |
| Fixation material                   | Stainless steel                      |
| Mounting device                     | -                                    |
| Effective projected area            | 1,8m <sup>2</sup> -3,5m <sup>2</sup> |
| Colour                              | Grey                                 |
| Dimensions (height x width x depth) | 3000(5000) x 600(700) x 600(700) mm  |

#### Approval and Application

|                                        |                     |
|----------------------------------------|---------------------|
| Ingress protection code                | IP65                |
| Mech. impact protection code           | -                   |
| Surge protection (common/differential) | 6 KV/4KV (optional) |

#### Initial Performance (IEC Compliant)

|                          |                                     |
|--------------------------|-------------------------------------|
| Module luminous flux     | 2571 lm (4000K) / 2443 lm (3000K)   |
| Luminaire luminous flux  | 2337 lm (4000K) / 2221 lm (3000K)   |
| LED luminaire efficiency | 130 lm (4000K) / 123 lm (3000K)     |
| Colour Temperature       | 4000K / 3000K                       |
|                          | 6500K also available up on request. |
| Colour rendering index   | >70                                 |
| Rated LED power          | 16W                                 |
| Rated luminaire 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 lengths and total power consumption for your specific installation, please ask to company assistant

