



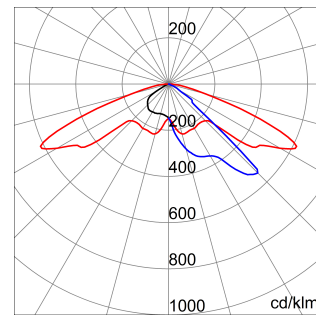
Road reinforcement with road optics and simplified maintenance, consisting of cover, frame and pole attachment in powder coated aluminium die-casting: aluminium with low copper content powder coated polyester after pre-treatment, for increased corrosion resistance. PA6 side ventilation grills. Optical system made with methacrylate lens, consisting of several different lenses that, with a single photometric distribution, and varying the installation parameters and the number of motors installed, allows the achievement of the obligatory road requirements. Common immunity to surges up to 12kV, according to IEC EN 61000-4-5 (issued by a third party) without the aid of additional protective devices. Can be used up to 50°C ambient temperature but with reduction of the supply current as indicated in the Instruction Manual.

| Application                                  | External                    | Series                 | STREET [O3]                     |
|--|-----------------------------|------------------------|---------------------------------|
| Type   | Stand alone                 | Suitable for           | Photovoltaic systems            |
| IP degree                                    | IP66                        | Mechanical resistance  | IK08 BODY - IK06 LENS           |
| Insulation class                             | II                          | Tilt adjustable        | ±20° bracket - 0°±20° pole head |
| Maximum surface exposed to the wind          | 0.26 m <sup>2</sup>         | Operating temperature  | -25 +35 °C                      |
| Weight (kg)                                  | 9.1                         | Colour                 | Graphite/Aluminium              |
| Minimum distance from the illuminated object | 1 m                         | Voltage                | 24 V dc - Stand alone           |
| Lamp   | LED                         | System power           | 50 W                            |
| Driver type                                  | Constant Current Driver Led | Optic                  | ST1 - ULOR: 0%                  |
| Voltage                                      | 24 V dc                     | Colour temperature     | 4000 K (CRI>70)                 |
| LED current                                  | 530mA                       | Number of modules      | 2 (2x16 LED)                    |
| Nominal flux (lm)                            | 6750                        | Lumen output (lm)      | 5660                            |
| Photobiologic Risk                           | RG1/RG2 @ 20cm              | LED Life Time (L80B10) | 100000 h                        |
| LED Life Time (L90B20)                       | 50000 h                     | Warranty               | 5 years                         |
| Electrocod                                   | 244C                        |                        |                                 |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08 BODY -  
IK06 LENS



CONSTANT  
CURRENT  
DRIVER



0.26 m<sup>2</sup>



1 m



### STANDARDS/APPROVALS

