

TECHNICAL DATASHEET · STREET LED FLOODLIGHTS - PROTON II SERIES

## Proton II Street LED Floodlight 54 LEDs 135W

EcoSolaris code: ECO-LED-241 · Designed and manufactured in Europe · OSRAM LEDs



High output street floodlight with 54 OSRAM LEDs, 135 W and a luminous flux of 16,500 lm, designed for ME4 class roads. Elliptical asymmetric beam, extruded and electrostatically powder coated aluminium housing, 3 mm polycarbonate diffuser, tilt of plus or minus 45 degrees, IP66 and IK10. Designed and manufactured in Europe.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

### Technical specifications

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| Housing material          | Extruded aluminium, electrostatically powder coated |
| Diffuser                  | 3 mm clear polycarbonate, UV protected              |
| Housing colour            | Grey (standard)                                     |
| Number of LEDs            | 54                                                  |
| Total power               | 135 W                                               |
| Luminous flux             | 16,500 lm                                           |
| Light source              | OSRAM LEDs, 100,000 hours                           |
| CRI                       | 80 (neutral white) / 70 (cool white)                |
| LED colour                | Neutral white 4000 K / Cool white 5000 K            |
| Focusing                  | Elliptical                                          |
| Supply                    | 90-230 V AC, 50-60 Hz, driver included              |
| Insulation class          | I                                                   |
| Power factor              | > 0.95                                              |
| Total harmonic distortion | < 20%                                               |
| Ingress protection        | IP66 / IK10                                         |
| Operating temperature     | -20 degrees C to +40 degrees C                      |
| Tilt adjustment           | plus or minus 45 degrees                            |
| Dimensions                | 355 x 248 mm                                        |
| Weight                    | 6.6 kg                                              |
| Markings                  | CE, F                                               |

### Features

- Luminous flux of 16,500 lm at 135 W
- Designed for ME4 class roads
- Elliptical asymmetric beam through dedicated lenses
- Tilt of plus or minus 45 degrees from the bracket
- Extruded aluminium, 3 mm polycarbonate diffuser
- IP66, IK10, -20 to +40 degrees C
- Power factor > 0.95, THD < 20%

### Recommended applications

Street lighting

Car park lighting

Perimeter lighting

Sports ground lighting

Residential and public areas

