

TECHNICAL DATASHEET · STREET LED FLOODLIGHTS - PROTON II SERIES

## Proton II Street LED Floodlight 12 LEDs 30W 3360 lm

EcoSolaris code: ECO-LED-101 · Designed and manufactured in Europe · OSRAM LEDs



Street floodlight with 12 high-intensity OSRAM LEDs (2.5W each), 30W total and 3360 lm at a minimum of 112 lm/W. Supply 90-260V AC 50-60Hz, driver included, class I, PF > 0.95, THD < 20%. Grey powder-coated aluminium housing, UV polycarbonate lens, IP66, -20 degrees C to +50 degrees C. 470 x 280 x 80 mm, 5 kg.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

### Technical specifications

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Luminaire type              | Street floodlight, Proton II series                      |
| Number of LEDs              | 12                                                       |
| Light source                | High-intensity OSRAM LEDs                                |
| Total power                 | 30W (12 x 2.5W)                                          |
| Luminous flux               | 3360 lm                                                  |
| Luminous efficacy           | Minimum 112 lm/W                                         |
| LED colour                  | Neutral white 4000 K / cool white 5000 K                 |
| Colour rendering index      | 80 (neutral white, warm white), 70 (cool white)          |
| Beam                        | Elliptical (N / M / W / S lenses)                        |
| Standard supply             | 90-260V AC, 50-60Hz, driver included in the housing      |
| Electrical insulation class | I                                                        |
| Power factor                | > 0.95                                                   |
| THD                         | < 20%                                                    |
| Housing material            | Electrostatically powder-coated aluminium, standard grey |
| Lens                        | Clear UV-resistant polycarbonate                         |
| Mounting                    | Bracket max. 70 mm (pole or flat surface on request)     |
| Ingress protection          | IP66                                                     |
| Operating temperature       | -20 degrees C to +50 degrees C                           |
| Dimensions                  | 470 x 280 x 80 mm                                        |
| Weight                      | 4.9-5 kg                                                 |

### Features

- 12 OSRAM LEDs x 2.5W, 30W, 3360 lm
- Efficacy of at least 112 lm/W
- 90-260V AC supply, PF > 0.95, THD < 20%
- Elliptical distribution; N / M / W / S lenses
- Grey aluminium housing, UV polycarbonate lens
- IP66, operation from -20 to +50 degrees C
- Bracket mounting up to 70 mm

### Recommended applications

Street lighting

Car park lighting

Perimeter lighting

Sports field lighting

