# Product data sheet

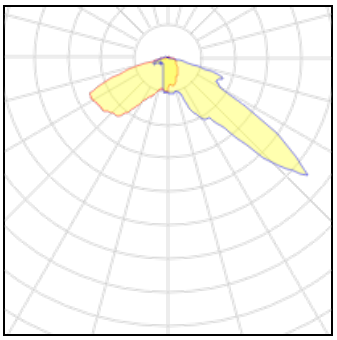
SOPHIA 642
EVO2 SOPHIA-642-PC02 45G-12LED-4000K-500 MA
RAGNI



IP 66 IK 08

The LED module is specially designed to replace traditional asymmetrical road reflectors. It is composed of a die-cast aluminium heat sink, a tempered glass cover and a cellular silicone gasket. The module is available in a sealed version (IP 66) with pressure regulating vent. Its impact resistance index is IK 08. Electrical class II, it receives from 8 to 64 LEDs @ 700 mA, and offers multiple color temperatures and light distributions. The module can be coupled to a management system to adapt lighting to needs and save energy. Equipped with a passive finned heatsink located behind the PCB, it is in contact with the luminaire body to improve thermal conduction. It is also equipped with a cable gland. Driver and PCB to Zhaga standards (Zhaga book 13, 15), the module is compatible with almost all of our luminaires. Its ULR is 0% and it is EEC eligible (case n°1), in accordance with the requirements of the NF EN 13201 standard and RoHs requirements.

## Light output 1 (integrated)



| | | | |
|---|---|---|---|
| Lamp type | LED | CCT | 4000 K |
| Nominal lamp power | 20.1 W | CRI | 70 |
| Total flux | 2578 lm | LOR | 100% |
| Luminous efficacy | 128 lm/W | Total power | 20.1 W |

### Mounting mode

Pole top mounted

### Shape and measurements

Length: 19.69 in
Width: 19.69 in
Height: 19.69 in

### Adjustability

Fixed

### Electric

System power: 20.1 W
Appliance Class: II

### Protection

IP: 66
IK: 08