Product data sheet

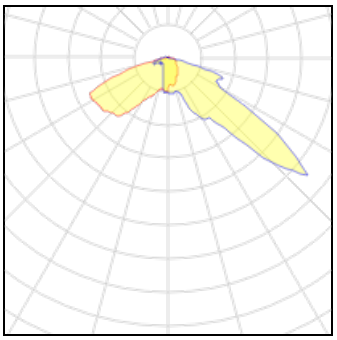
SOPHIA 642
EVO2 SOPHIA-642-PC02 45G-48LED-1700K-350 MA
RAGNI



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	1700 K
Nominal lamp power	48.7 W	CRI	70
Total flux	4723 lm	LOR	100%
Luminous efficacy	97 lm/W	Total power	48.7 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: 48.7 W
Appliance Class: II

Protection

IP: 66
IK: 08