

LUMINAIRE FOR ROADS

MIRACLE SUPERLUX PATH ADVANCED

The Miracle Superlux Path Advanced lamp is intended for lighting ordinary city streets, pedestrian zones and cycle paths. The light output can be up to 13,000 lm, the replacement chromaticity temperature of 1,800K is comparable to the light of sodium discharge lamps. Because of its pleasant yellow color and thanks to the remote control of light intensity, it is advantageously used in residential areas of the city.



mechanical design

Design	classic rounded shape
Dimensions	304 x 697 x 135mm
Material	die-cast aluminum, powder coating, silicone gasket, diaphragm valves
Paint color	cream light, velvet gray, deep black
Opening	tool-free, self-closing lock
Handle	for column and boom, ø 60, adjustable $\pm 15^\circ$
Mechanical resistance	IK10
Degree of protection	IP66
Weight	6 kg

light source

Design	LED modules
Chromaticity temperature	1,800 K
Color Rendering	>78
ULOR	0%
Input	0 to 100 W / 13,000 lm (remote controlled)

optics

Cover	hardened flat glass
Direction of light	optional combination of radiation: IES I to III
Assembly	from the factory according to the project
Identification	lens arrangement stored in AnyCity

Design

The lamp has a classic round shape, which facilitates the washing away of bird droppings. The body is made of die-cast aluminum with powder coating in three color variants. The cover opens by hand with side clips. Inside there is a board with LEDs, optics and a DALI power supply. Assembly and disassembly of the main parts is simple. The Orcave 303-111 LampDriver control module can be included for remote communication with the switchboard via power line (PSPLC). The module is normally installed in the foot of the column, and the 5-wire CYKY 5x1.5 cable (power supply + DALI) is then used to connect to the light. However, it can also be placed in the lamp body (in production) and a 3-core cable (power supply only) is sufficient to connect to the terminal board. This is suitable in places such as concrete columns, overhead lines, etc.

Functions

It is possible to remotely control the intensity of the luminous flux in the range of 0 to 100%. After installation, the parameters can be easily adjusted individually in each light location. If the system is controlled with the help of traffic intensity sensors, all light spots adapt to the new situation in a balanced way. The lenses are replaceable in each position as needed, while it is possible to choose from IES type I to V characteristics and separate spots 45° to 90° and thus create complex radiation characteristics. The final combination of lenses for the given location (light fixture) is stored in the AnyCity system.