

URBAN LIGHTING FOR PEDESTRIAN ZONES AND PARKS

MIRACLE RING SOLID

The Miracle Ring Solid lamp is intended for lighting less frequented pedestrian zones, parks and modern parts of cities. A light output of up to 10,700 lm meets the light scenes that can occur in these areas. Alternatively, the direction of the light can be adjusted, as well as its intensity and color remotely. Depending on the circumstances, full-color RGB diodes can create the desired atmosphere.



mechanical design

Design	full ring with center holder
Dimensions	481 x 363mm
Material	die-cast aluminum, powder coating, silicone seal
Paint color	cream light, velvet gray, deep black
Opening	tool, not intended for field repair
Hold	for column, ø 60
Mechanical resistance	IK10
Degree of protection	IP66
Weight	8 kg

light source

Main	2,700 to 6,500 K (remote controlled), 0 to 90 W / 10,700 lm (remote controlled)
Color Rendering	>70
ULOR	0%
Power	0 to 90 W

optics

Base	thickness 6 mm, cast acrylic PMMA, sandblasted
Direction of light	optional combination of radiation of each lens: IES I to V / spot 45°, 60°, 90°, 120°
Mounting	user replaceable

Design

The lamp has the shape of a full ring with an elegantly shaped holder. The body is made of die-cast aluminum with powder coating in three color variants. Under the top cover there is a board with an LED and the perimeter is lined with bases with optics. The design does not allow assembly and disassembly of the main parts in the field. The lamp is powered by a 48 V DC source, which is located at the base of the column. A CAT6 cable is suitable for connecting the lamp and the source.

Functions

It is possible to remotely control the light flux intensity of any of the 3 perimeter segments 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 motion sensors, each luminaire can adapt to the new situation individually. For each COB, it is also possible to change the replacement chromaticity temperature in the range of 2,700 K to 6,500 K and adjust its operation according to the season, holidays or other local requirements. Optical 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 120°.