

URBAN LIGHTING FOR BUSY PEDESTRIAN AREAS AND SQUARES

MIRACLE KANI

The Miracle Kani lamp is intended for lighting squares, pedestrian zones and historical parts of cities with the highest demands on design and lighting. A light output of up to 19,000 lm will satisfy all 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 or entice visitors to an unusual visual experience.



mechanical design

Design	a distinctive circular surface set in a picturesque holder
Dimensions	610 x 600 mm
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 76
Mechanical resistance	IK10
Degree of protection	IP66
Weight	10 kg

light source

Main	2,700 to 6,500 K (remote controlled), 0 to 160 W / 18,800 lm (remote controlled)
Signaling	RGB, 0 to 10 W / 1,000 lm (remote controlled)
Color Rendering	>70
ULOR	0%
Power	0 to 170 W

optics

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

Design

The creative shape of the holder gives the lamp a historic touch. The body is made of die-cast aluminum with powder coating in three color variants. Under the top cover there is a board with LEDs and a base with optics. Assembly and disassembly of the main parts is simple. 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 intensity of the luminous flux of each of the 8 powerful COBs 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°. The final combination of lenses for a given location is stored in the AnyCity system and each change is automatically identified by the remote application. The lamp contains several powerful full-color RGB LEDs, which serve either to inform about various (dangerous) situations or to create the desired atmosphere.