LUMINAIRE FOR RELIEF LIGHTING WITH COLOR EFFECTS

MIRACLE
WALL-E

The Miracle Wall-E lamp is designed for direct or side lighting of relief parts of objects and creating colored surfaces. The maximum light output is up to 3,300 lm, but spot projections supplemented with colored surroundings or background are more important. The direction of the light can be easily adjusted by changing the lens, its intensity and color can be adjusted remotely. The change of the main light flux and the additional color can be dynamic.

mechanical design

Design	elongated slender body on hinge fixed to base
Dimensions	158 x 159 mm
Material	die-cast aluminum, powder coating
Paint color	cream light, velvet gray, deep black
Opening	tool, not intended for field repair
Mount	on the wall or a suitable holder
Mechanical resistance	IK09
Degree of protection	IP65
Weight	3 kg

light source

Main	2,700 to 6,500 K (remote controlled), 0 to 10 W / 1,300 lm (remote controlled)
Additional	RGB LED, 0 to 20 W / 2,000 lm (remote controlled)
Color rendering	>80
Total power	0 to 30 W

optics

Base	PMMA, thickness 3 mm, sandblasted on both sides
Direction of light	selectable lens emission variant: spot 45°, 60°, 90°, 120° or IES I to V
Mounting	lens replacement possible by the user at the installation site

Design

The fixture has a slim rectangular shape that sits on a base. It is possible to tilt them by 90° against the base. The power cable is fed either from below or through a grommet (or rubber sleeve) on the back of the base. The body is made of die-cast aluminum with powder coating in three color variants. The light source is COB with an input of up to 10W and a variable color temperature of 2,700 to 6,500K. The design does not allow the assembly and disassembly of the main parts in the field, only the replacement of the lens under the front mask.

Functions

It is possible to remotely control the intensity of the COB luminous flux in the range of 0 to 100% (0 to 10W, or 0 to 1,300 lm). With COB, it is also possible to change the replacement chromaticity temperature in the range of 2,700 K to 6,500 K and adjust the lighting according to the season, holidays or other local requirements. A full-color additional RGB LED with a power consumption of up to 20 W can fill the surrounding area according to the intention. The optical lens is located on the outside of the visor and is replaceable as needed, choosing from IES type I to V characteristics and separate spots 45° to 120°. With regard to the method of use, only spot lenses are relevant.