

Indoor/ outdoor projector

MINI-PROJECTOR-02 3LED VISIBLE Ufo-02

MINI-PROJECTOR-02 3 LED VISIBLE 24V DC

MINI-PROJECTOR-02 3 LED VISIBLE RGB 12V DC



About the product


The products types Mini-projector-02 LED combines the functionality with the simple aesthetics, and constitute a comprehensive range of indoor and outdoor projectors.

That range of products was designed in order to offer an optimum light effect - from the decorative lighting to the accent effects and guidance lighting.

The optical system offers an uniform flux and a diversity of colours.

The Mini-projector-02 LED offers a circular luminous beam that is adequate for accent decorative lighting, for lighting of the trees, or building facades.



SR EN 60598	RoHS	IP68	IK09		-20°C ÷ +35°C	3.5W LED
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The combination between the LED technology and the best optical systems made the Mini-projector-02 LED a complete, flexible solution that is easy to install no matter the location, which offers a perfect architectural accent lighting effect.

Application

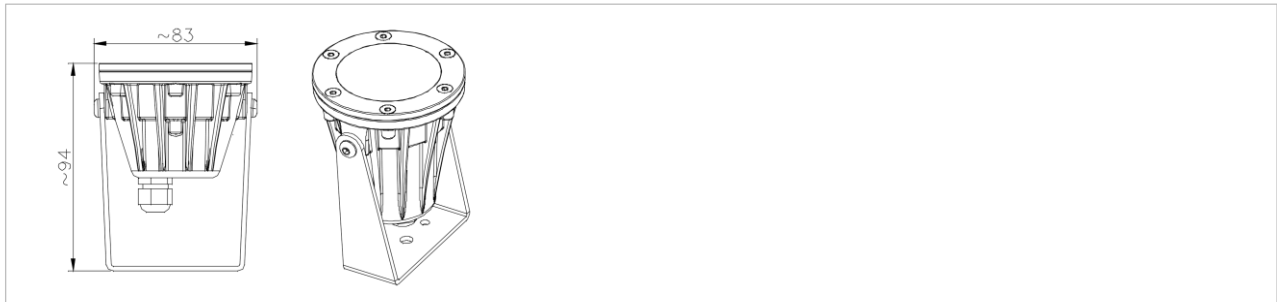
Indoor and outdoor decorative lighting. Architectural outdoor lighting: building facades, gardens, parks, statues. Architectural accent lighting.

Light sources

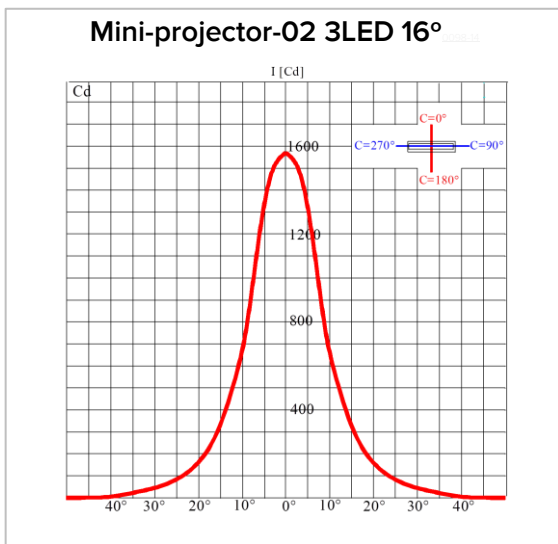
- Power LEDs with specialized optics for road and residential lighting, with colour temperature cool-white 6500K, CRI \geq 70, with a long lifetime L70B50 of minimum 50.000 hours at Ta=25°C.
- On request the product could be equipped with LEDs with colour temperature warm-white 2700-3000K CRI: 80, neutral-white 3700-5000K CRI: 75, blue, green, red or yellow for the variant with monochrome static lighting.
- Power LEDs colours: red, green, blue for the RGB variant with dynamic lighting.
- The system with LEDs included in the product could replace or is equivalent with: incandescent lamps 40W, TC 7W.

Advantages

High quality lighting. Due to the light source it has very low power consumption (~3W) and a very long lifetime. Multiple light distributions and colours. Complies with the standards for IP68 protection – provides high protection against dust and moisture. High mechanical impact resistance IK09. There are no necessary interventions for lamp replacements.



Product type	D [mm]	H [mm]
Mini-projector 3LED UFO-02 visible	ø83	94



Photometric data Mini-projector-02 3LED 16°
 I_{max} = 1561 Cd
 UTE: 0.78A
 CIE:94 99 100 100 78
 Light distribution diagram [Cd]

Description

- The product could be manufactured both in the monochrome variant (all LEDs have the same colour) with static lighting and in the RGB variant with dynamic lighting.
- Through the lighting scenario memorized by the manufacturer there are obtained tens of pure and intense colour nuances that changes automatically.
- The aluminium body contain: the electronic circuit, the board with LEDs, as well as the insertion nipple.
- The transparent/ opal (for the RGB variant) PC diffuser is fastened on the aluminium body through a sealing gasket, a stainless steel flange and 6 screws M4x10.
- Function of the lenses system there could be obtained narrow or wide luminous flux distribution:
 - for the variant with 1 lens: 12°, 19°, 34°, 58°,
 - for the variant with 3 lenses: 16°, 24°, 41°, 46°, 84°, 18°x48°, 48°x18°.
- For the variant 24V DC: Power supply 230V AC / 24V DC for 6 products or 12 products that must be demanded separately (24V DC/350mA / product).
- For the variant 12V DC: Maximum 20 products connected in parallel on a maximum length 30m cable H05RN-F 2x0,75 (12VDC/1A / product). Power supply 230V AC / 12V DC for 6 products or 12 products that must be demanded separately. (12V/1A / product).
- Colour: grey.

Mounting

- Visible, delivered with fixing frame for the product tilt adjustment.

Technical features

- Rated voltage: 12V DC for the RGB variant / 24V DC for the monochrome variant
- Environment temperature: -20°C...+ 35°C
- Relative humidity: 80% at the temperature of +20°C.
- Jolt resistance according to SR EN 60068-2-29: 1000 ±10 jolts, acceleration of 10g, duration of impulse: 16ms.
- The luminaire is manufactured according to the standards SR EN 60598-1, SR EN 60598-2-5, SR EN 62031.

Compliance with the European Directives

- Low Voltage Directive.
- Electromagnetic Compatibility Directive.
- RoHS Directive, WEEE Directive.

The product could be realised in more variants function of the colour of the LEDs and the light distribution.

Product type	Product code	No of lenses	Rated voltage [V]	Active power [W]	Protection degree	Class of protection against electric shock	IK	Weight [kg]	Total initial brut LEDs flux [lm]	Total luminous efficacy [lm/W]
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Monochrome
24V DC

Mini-projector-02 3LED 24V DC 12° Monochrome Visible UFO-02	78259008	1	24V DC	3.5	IP68	III	IK09	0.36	340	97
Mini-projector-02 3LED 24V DC 16° Monochrome Visible UFO-02	78259009	3	24V DC	3.5	IP68	III	IK09	0.4	340	97

Power supply 230V AC / 24V DC for 6 products or 12 products that must be ordered separately. (24V/350mA / product).

RGB
12V DC

Mini-projector-02 3LED 12V DC 12° RGB Visible UFO-02	78259010	1	12V DC	3.5	IP68	III	IK09	0.36	dynamic RGB	dynamic
Mini-projector-02 3LED 12V DC 16° RGB Visible UFO-02	78259011	3	12V DC	3.5	IP68	III	IK09	0.36	dynamic RGB	dynamic

For the variant 12V DC: Maximum 20 products connected in parallel on a maximum length 30m cable H05RN-F 2x0,75 (12VDC/1A / product).

Power supply 230V AC / 12V DC for 6 products or 12 products that must be demanded separately. (12V/1A / product).

Luminous flux distributions available on request:

- the variant with 1 triple lens: 12°, 19°, 34°, 58°
- the variant with 3 single lenses : 16°, 24°, 41°, 46°, 84°, 18° x 48°, 48° x 18°

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