

Ground recessed dynamic RGB projector

IMPACT-02 LED

IMPACT-02 9LED RGB Dynamic




About the product

IMPACT LED is a range of projectors with vertical distributions, for decorative lighting of architectural objectives, or for highlight through accent lighting. Due to the recessed housing, during the day the luminaire is unobtrusive and has an elegant appearance.

This range of products was designed to offer an optimum lighting effect from down to bottom – from the powerful decorative lighting to subtle effects of highlighting.

The unique optical collimating system offers a uniform light distribution.



EN 60598	RoHS	IP67	IK10		-20°C ÷ +35°C	11W LED
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The combination between the last generation LED technology, and the best quality optical systems, made the IMPACT range of products a complete flexible solution – easy to install no matter the location which creates a perfect light effect.

The product is available in a variety of colours and optical systems.

For applications of dynamic lighting the luminaire could be used with diverse lighting control systems.

Application

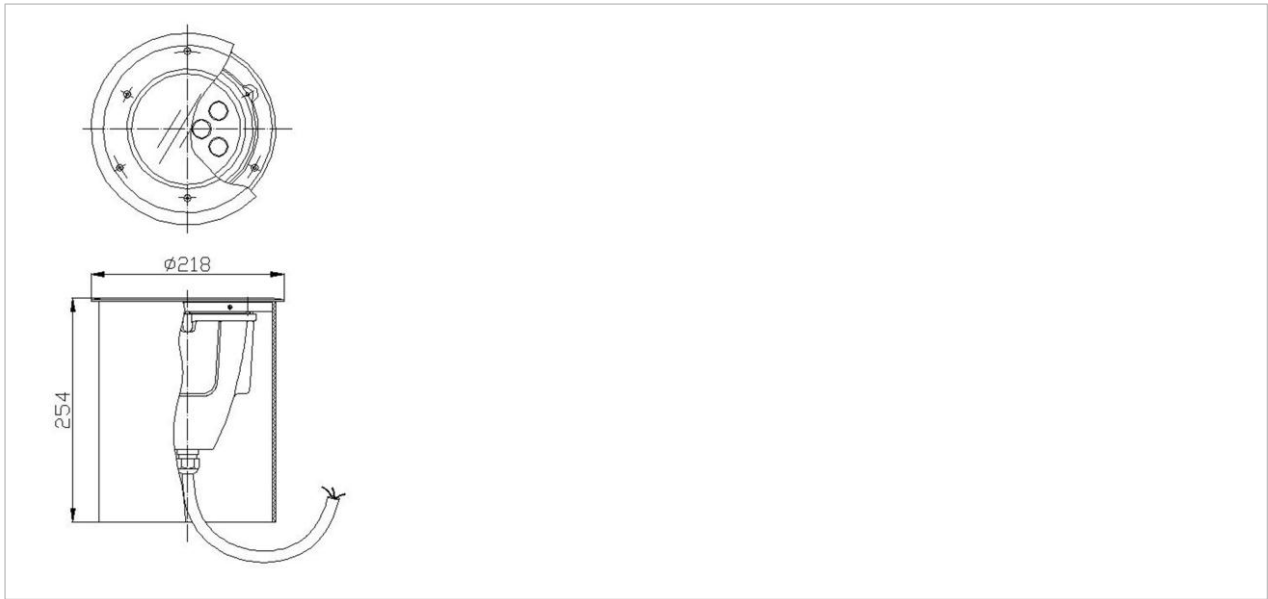
Outdoor architectural accent lighting: buildings, gardens, parks, statues.

Light source

- Power LEDs: red, green, blue for the RGB dynamic lighting.
- Power LEDs: white, warm-white, for the monochrome variant with static light. On request other colours.
- The use of LEDs ensures both a long lifetime L70B50 of 30.000 hours at Ta=25°C, and economical power consumption.

Advantages

Low power consumption. Long lifetime. Reduced maintenance costs. There are not necessary interventions for light source replacements. The light source does not contain mercury.



Product type	D [mm]	h [mm]
IMPACT-02 9 LED	ø218	254

Photometric data IMPACT-02 9LED RGB Dynamic

The RGB variant with dynamic lighting. Through the lighting scenario memorized by the manufacturer there are obtained a large variety of pure and intense colour nuances that changes automatically.

Description

- The projector is a dynamic multicolour power LED projector.
- The projector could be made both in the RGB variant with dynamic lighting, and in the monochrome variant with all LEDs of the same colour and static lighting.
- Through the lighting scenario memorized by the manufacturer there are obtained a large variety of pure and intense colour nuances that changes automatically.
- The unit LED board contain the LEDs, the specialised optic, and the gear (the power source and the controller).
- The housing made of pressure cast aluminium, contains the serial terminal, the earthing terminal, and the unit LEDs-board that equipped the product.
- Nipple for electric cables that allows the use of a cable with a maximum 10 mm diameter.
- Diffuser made of secured glass.
- The unit PVC tube ensures the recessed mounting of the product in soil.
- Stainless steel flange.
- The closure of the product is realised by fastening the stainless steel flange on the PVC tube unit, through 6xM5 stainless steel screws.
- The IP67 degree of protection is ensured by using a sealing nitrile rubber gasket.
- Gear (electronic driver) included in the product and manufactured according to the specific standards.
- Colour: grey, metallic (stainless steel flange).

Mounting

- Recessed in ground according to the mounting and installation instructions.

Variants on request

- The projector could be made in the monochrome variant with all LEDs of the same colour and static lighting.

Technical features

- Rated voltage: 230V/50Hz
- Environment temperature: -20°C...+ 35°C
- Mechanical impact resistance: IK10.
- Relative humidity: till 80% at the temperature of + 20°C.
- Saline fog: 96 hours according to SR EN 60068-2-11.
- The temperature on the glass surface: 45°C

- Resistance to the static loading: 1500 kg, according to SR EN 60598-2-13
- Jolt resistance according to SR EN 60068-2-29: 1000 ±10 jolts, acceleration of 10g, duration of impulse: 16ms.
- Saline fog: 96 hours according to SR EN 60068-2-11.
- The level of radio-electric disturbances does not exceed the admitted limits of the standard SR EN 55015/A1.
- Vibration resistance: amplitude -1,5mm; frequency 4÷10Hz; duration -2 hours; duration of movement: 30 seconds.
- The luminaire is manufactured according to the standards SR EN 60598-1, SR EN 60598-2-13, SR EN 62031.

Compliance with the European Directives

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

Product type	Product code	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 efficiency [lm/W]
IMPACT-02 9 LED DINAMIC RGB ÎNCASTRAT	78350003	230	11	IP67	I	IK10	3.6	dynamic RGB	dynamic RGB

Light distributions on request: 16°, 24°, 41°, 46°, 84°, 18°x48°, 48°x18°.

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