



DecoScene LED – magical light from below

DecoScene LED BBP623

Whether floodlighting a piece of architecture or creating accent effects, for many designers the ideal luminaire would be invisible. With their recessed housings, in-ground floodlights are about as close as it gets to this ideal situation. DecoScene LED has been designed to deliver the optimal upward lighting effect – from high powered floodlighting to more subtle effects such as accent lighting. Its unique collimating optic delivers a uniform light output and ensures optimum colour mixing. Square and round housings fit snugly into paving, concrete or grass, leaving the surface flush and unobtrusive during the day. The combination of the latest LED technology and best-in-class optics makes DecoScene LED a totally flexible solution – easy to install, no matter where, creating a perfect lighting effect.

Benefits

- Best-in-class optical efficacy and very good colour mixing
- No glue used: allows serviceability and greater recyclability at end-of-life
- Design facilitates use with conventional DecoScene products and integration into projects.

Features

- Two types of white (2700 or 4000 K), three solid colours (red, green, blue), as well as tuneable white and RGB versions
- Choice of three different circular beams from narrow 12° to wide 40°
- Asymmetrical optic for wall washing effects on façades

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Application

- Classical and modern buildings
- Bridges and structures
- Monuments and sculptures
- Parks and gardens

Specifications

Type	BBP623
Light source	Built-in LED module
Power (+/-10%)	54 W (White)
Beam angle	12° (narrow beam), 24° (medium beam), 40° (wide beam) and asymmetrical beam
Luminous flux	2460 lm (warm white, 2700 K) or 3050 lm (neutral white, 4000 K)
Fixture efficacy	45.5 lm/W (warm white, 2700 K) or 56.4 lm/W (neutral white, 4000 K)
Correlated Colour	Warm white: 2700 K, neutral white: 4000 K
Temperature	Tuneable white: 2700 to 6500 K
Colour Rendering Index	> 80 (2700 K), > 75 (4000 K)

Maintenance of lumen output - L70	50,000 hours
Driver failure rate	5% per 60,000 hours
Operating temperature range	-20 to 35°C
Driver	Built-in (self ballasted LED module)
Mains voltage	100-277 V AC / 50-60 Hz
Inrush current	35 A / 350 µs
Dimming	DMX 512 control and RDM discovery and addressing, one address per fixture
Options	Possibilities to have on request DMX protocol for all versions with RDM discovery and addressing

Specifications

Optical cover	Extra white glass (+10% transmission) for all Mono Colour versions and frosted glass for RGB or TWH versions
Material	Housing, front ring: high pressure die-cast aluminium Recessed tube: steel, galvanised Gaskets: silicone rubber Optical cover: glass, extra white, tempered, 19 mm thick
Colour	Front ring: ultra dark grey, RAL10714 Other RAL or AKZO Futura colours available on request
Connection	Via the connection box, push-in connector, 3-pole mains and control signal
Maintenance	Driver access by opening the driver box under the housing
Installation	Ground mounting in the recessed tube Operating temperature: -20°C < T Tilting of the fixture +/- 20° Static load: 5000 kg

Cable gland	2 x M20 for mains cables and through wiring facilities 2 x M12 for data cables (data IN and OUT in case of dynamic version)
Remarks	Static versions available in 2 types of white (warm white - WW, 2700 K or neutral white - NW, 4000 K) as well as 3 solid colours (red, blue, green), amber is available on request Dynamic versions are available in RGB and TWH (tuneable white based on 2700 K, 4000 K and 6500 K LEDs) All monochromatic versions are also available on request with DMX protocol Fixtures can be marine salt protected on request Compliant with IEC 598 and EN60598 Safety classes: Class I, Class II IP67 - IK10

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Versions



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Product details



