



# Vaya LED Spot – reliable façade lighting

## Vaya Spotlight

Project owners and developers want to create a pleasant environment at a minimum cost, but without compromising the lighting quality. Vaya LED Spot is an affordable, highly reliable solution that minimizes the initial investment while offering a choice of attractive lighting effects that can bring a property to life. A ground rod accessory is available which makes it extremely easy to install in gardens and parks.

### Benefits

- High reliability
- Flexibility in lighting effect
- Easy installation

### Features

- High-quality high-power LEDs and integrated LED driver
- Lifetime over 50,000 hours (70% lumen maintenance) @ Ta=25 °C
- Robust design – IP65 protection and IK08 impact resistance
- Choice of beam angle – 12, 24 and 36°
- Available in Monochromatic Colors and RGB,

### Application

- Façade lighting
- Accent lighting
- Parks and gardens

### Specifications

|                     |  |
|---------------------|--|
| <b>Type</b>         | BGP310 (1 or 3-LED, surface mounted version) |
|                     | BGP311 (1 or 3-LED, clip mounted version)    |
| <b>Light source</b> | Integral LED-module                          |

|                   |                                 |
|-------------------|---------------------------------|
| <b>Power</b>      | BGP310 / BGP311 1 x LED: 2.15 W |
|                   | BGP310 / BGP311 3 x LED: 6 W    |
| <b>Beam angle</b> | 12, 24 or 36°                   |

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|  |  |
|--|--|
| <b>Luminous flux</b>                     | BGP310 / BGP311 1 x LED: WW 60 lm, NW 80 lm, Amber > 20 lm<br>BGP310 / BGP311 3 x LED: WW 180 lm, NW 240 lm, Amber > 60 lm |
| <b>Luminaire efficacy</b>                | BGP310 / BGP311 1 x LED: WW 35 lm/W, NW 45 lm/W, AM 13 lm/W<br>BGP310 / BGP311 3 x LED: WW 36 lm/W, NW 42 lm/W, AM 11 lm/W |
| <b>Correlated Color Temperature</b>      | WW: 3000 K, NW: 4000 K, AM: 584.5-597 nm   |
| <b>Color Rendering Index</b>             | WW: 85, NW: 70, AM: 590 nm   |
| <b>Maintenance of lumen output - L70</b> | 25,000 hours at 35°C   |
| <b>Operating temperature range</b>       | -20°C < T  |
| <b>Driver</b>                            | Built-in (self ballasted LED-module)   |
| <b>Mains voltage</b>                     | 1 x LED version: 24 V DC<br>3 x LED version: 100-240 V AC / 50-60 Hz   |

|                              |   |
|------------------------------|---|
| <b>Dimming</b>               | No  |
| <b>Controls system input</b> | 1 x LED version: max. 3.5 V DC<br>3 x LED version: max. 10 V DC       |
| <b>Optic</b>                 | Narrow beam angle 12°<br>Medium beam angles 24 or 36°                 |
| <b>Optical cover</b>         | Transparent glass, tempered   |
| <b>Material</b>              | Housing: die-cast aluminum<br>Gasket: silicone rubber, heat-resistant |
| <b>Color</b>                 | Housing: RAL 9006<br>Front and rear cover: RAL 9011                   |
| <b>Connection</b>            | Push in connector in 3 poles accepting wires 3 core x 1.0 mm          |
| <b>Installation</b>          | BGP310: surface or landscape mounted<br>BGP311: clip mounted          |
| <b>Cable gland</b>           | 1 x M12   |

## Specifications

|  |                                |
|--|--------------------------------|
| <b>Type</b>                              | BGP310                         |
| <b>Light source</b>                      | Integral LED-module            |
| <b>Power</b>                             | RGB: 18 W<br>MONO: 12 W        |
| <b>Beam angle</b>                        | 12° / 24° / 36°                |
| <b>Luminous flux</b>                     | RGB: 250 lm<br>4000 K: 43 lm/W |
| <b>Luminaire efficacy</b>                | RGB 14 lm/W                    |
| <b>Correlated Color Temperature</b>      | 3000 or 4000 K                 |
| <b>Maintenance of lumen output - L70</b> | MONO: 25,000 hours at 35°C     |
| <b>Maintenance of lumen output - L50</b> | RGB: 25,000 hours at 35°C      |
| <b>Operating temperature range</b>       | -20 to +35°C                   |

|                        |   |
|------------------------|---|
| <b>Driver</b>          | Built-in (self ballasted LED-module)  |
| <b>Mains voltage</b>   | 100-240 V / 50-60 Hz  |
| <b>Dimming</b>         | RGB DMX512  |
| <b>Optic</b>           | Symmetrical; beam angles 12, 24 or 36°  |
| <b>Optical element</b> | Lens  |
| <b>Optical cover</b>   | Glass   |
| <b>Material</b>        | Housing: high-pressure die-cast aluminum, non-corrosive<br>Glass: thermally hardened, 10 mm thick |
| <b>Color</b>           | Housing: RAL 9006 (white aluminum)<br>Cover: RAL 9011 (graphite black)                            |
| <b>Maintenance</b>     | No internal cleaning required   |
| <b>Installation</b>    | Surface or landscape mounted  |
| <b>Accessories</b>     | Landscape mounting base, ZGP311 SPK L   |

## Versions



BGP310 3xLED-HP



BGP310 6xLED-HP

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## Product details

BGP310/BGP311



BGP310/BGP311



BGP310

