



# Vaya LED Spot – reliable façade lighting

## Vaya Spotlight

Project owners and developers want to create a pleasant environment at minimum cost, but without compromising on the quality of the lighting. 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. Multiple mounting bracket options mean this robust, simply designed fixture is also extremely easy to install. For more information please visit [www.colorkinetics.com/vaya/](http://www.colorkinetics.com/vaya/).

### Benefits

- High reliability
- Flexibility in lighting effect
- Easy installation

### Features

- High-quality high-power LEDs and integrated LED driver
- Lifetime over 25,000 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 warm white (3000 K), neutral white (4000 K) and RGB versions

### 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°

## Vaya Spotlight

<b>Luminous flux</b>	BGP310 / BGP311 1 x LED: WW 60 lm, NW 80 lm, Amber > 20 lm
	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
	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
	3 x LED version: 100-240 V AC / 50-60 Hz

## Specifications

<b>Type</b>	BGP310
<b>Light source</b>	Integral LED-module
<b>Power</b>	RGB: 18 W
	MONO: 12 W
<b>Beam angle</b>	12° / 24° / 36°
<b>Luminous flux</b>	RGB: 250 lm
	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

## Versions



BGP310 LED outdoor spot luminaire

<b>Dimming</b>	No
<b>Controls system input</b>	1 x LED version: max. 3.5 V DC
	3 x LED version: max. 10 V DC
<b>Optic</b>	Narrow beam angle 12°
	Medium beam angles 24 or 36°
<b>Optical cover</b>	Transparent glass, tempered
<b>Material</b>	Housing: die-cast aluminum
	Gasket: silicone rubber, heat-resistant
<b>Color</b>	Housing: RAL 9006
	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
	BGP311: clip mounted
<b>Cable gland</b>	1 x M12

<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
	Glass: thermally hardened, 10 mm thick
<b>Color</b>	Housing: RAL 9006 (white aluminum)
	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

