



Bobek LED – Space-effective and energy-efficient

Bobek LED

The Bobek LED luminaire is designed as a decorative, standard post-top solution for residential streets, precincts, parks, and other urban spaces. Its slim symmetrical shape, with its prominent canopy and matt bowl, gives it a timeless character that fluently blends in with almost all surroundings, even in large-scale applications. Bobek LED is particularly suited to spacious areas. In areas where space is critical, Bobek Lite, with its small canopy, helps to maintain the atmosphere. An energy-efficient LED engine has been integrated while preserving the valued timeless character of Bobek.

Benefits

- Timeless, elegant symmetrical appearance, ideally suited to large spaces
- Energy-saving LED technology
- Tool-less maintenance

Features

- Highly energy-efficient LED engine combined with fine frosted bowl for comfortable lighting with excellent uniform light distribution
- Subtle design details – e.g. the spigot flowing seamlessly into the mast – support the luminaire's timeless character, allowing large-scale use in, for example, residential areas
- High-performance, long-life LED engine
- LED upgrade kit for existing Bobek luminaires

Application

- Residential streets, pathways, squares, parks and playgrounds, parking areas
- City centers: side streets, walkways, squares and parks, public transport, parking areas
- Private sites like theme parks or zoos

Specifications

Type	BDC600 (standard version)
	BDC601 (lite version, small canopy)
Light source	Integral LED-module
Power	12 to 76 W depending on version
Luminous flux	GreenLine: 1000-4400 lm (warm white, WW); 1200-5600 lm (neutral white, NW); 1300-6100 lm (cool white, CW)
	EconomyLine: 1800-5800 lm (warm white, WW); 2300-7600 lm (neutral white, NW); 2500-8200 lm (cool white, CW)
Luminaire efficacy	62 to 74 lm/W for WW, depending on luminous flux
	78 to 94 lm/W for NW, depending on luminous flux
	84 to 101 lm/W for CW, depending on luminous flux
Correlated Color Temperature	3000 K (warm white)
	4000 K (neutral white)
	5700 K (cool white)
Color Rendering Index	≥70 (for 4000 and 5700 K)
	≥80 (for 3000 K)
Maintenance of lumen output - L80B10	GreenLine: 100,000 hours
	EconomyLine: 80,000 hours
Operating temperature range	-25 to +35 °C
Driver	Separate (non-self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current (depends on driver version):	40 W: 65 A / 100 µs
	100 W: 80 A / 150 µs

Controls system input	1-10 V or DALI
Dimming	DynaDimmer
	SDU
Options	Photocell: minicell
Optic	Symmetrical
Optical cover	Polycarbonate bowl, frosted
Material	Canopy: glass fibre reinforced polyester
	Bowl: UV stabilized polycarbonate
	Spigot: die-cast aluminum
	Unit plate: galvanized steel plate
Color	Internal optic: high purity aluminum
	Canopy: white aluminum (RAL9006) or grey aluminum (RAL9007)
	Other RAL colors available on request
Connection	Plug / socket connector (SI-PS)
Maintenance	Toolless by taking off canopy
Installation	Post-top mounting: axial entry Ø 60 - 76 mm
	Recommended mounting height: 4-5 m
	Max SCx:
	- HDC600: 0.244 m²
	- HDC601: 0.243 m²
Cable gland	1 x PG16, Ø 7-14 mm cable

Versions



MITHRA LED

Bobek LED

Product details

Mithra_LED-BDS151-DPP.TIF

