



# Iridium<sup>2</sup> LEDGINE – lighting the road ahead

## Iridium<sup>2</sup> LED Medium

Iridium<sup>2</sup> is a family of road-lighting luminaires designed for performance and sustainability. Depending on the application and budget, customers can start with LED, electronic HID or a mix of both technologies with the same luminaire. Whatever the initial choice, Iridium<sup>2</sup>'s modularity allows customers to upgrade their installations (LED to LED or e-HID to LED) whenever they want, simply by changing the light engine. The integration of LEDGINE, brand new HID optics, electronic gear and controls is a response to the growing demand for energy savings. The new Iridium<sup>2</sup> HID optics are designed to deliver best-in-class lighting performance while offering tremendous flexibility in application. All these features, combined with Iridium<sup>2</sup>'s ease of installation and maintenance, ensure that customers enjoy low cost of ownership.

### Benefits

- Future-proof luminaire: maintenance very easy
- no tools required for LED upgrade
- Highly efficient lighting platform
- no compromise on lighting quality thanks to flat glass
- Full flexibility to cover all applications, with choice of price and technology
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

### Features

- LEDGINE inside
- Best-in-class optics
- Electronic gear
- Integrated controls

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## Application

- Roads: highways and motorized traffic within and between cities
- Streets: mixed traffic and residential streets
- Walking/cycling paths, car parks, roundabouts

## Specifications

<b>Type</b>	BGP352
<b>Light source</b>	Integral LED-module
<b>Power</b>	GreenLine (GRN): 16-87 W depending on LED configuration EconomyLine (ECO): 20-144 W depending on LED configuration
<b>Luminous flux</b>	GreenLine: 1400-8300 lm EconomyLine: 1700-13,400 lm
<b>Luminaire efficacy</b>	Up to 110 lm/W
<b>Correlated Colour</b>	Warm White: 3000 K
<b>Temperature</b>	Neutral White: 4000 K EconomyLine: 5600 K
<b>Colour Rendering Index</b>	Warm White: ≥ 84 Neutral White: ≥ 76 Cool White: ≥ 68
<b>Lumen maintenance at median useful life*</b>	GreenLine: min L80 100000 h

## Specifications

<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	CLO
<b>Controls system input</b>	1-10 V and DALI
<b>Options</b>	Dimming Lumistep 6, 8 hrs Dynadimmer Constant Light Output (CLO) SDU 1-10 V DALI RF Antenna Mains dimming Nema socket Photocell: mini cell 35, 55, 75 Lux Fuse Cable: 6, 8, 9, 10, 11, 12 m Surge protection: 10 kV

<b>Lumen maintenance at median useful life*</b>	EconomyLine: min L80 75000 h
<b>Control gear failure rate at median useful life</b>	GreenLine: 10% 100000 h
<b>Control gear failure rate at median useful life</b>	EconomyLine: 7.5% 75000 h
<b>Performance Ambient</b>	+25 °C
<b>Temperature Tq</b>	
<b>Operating temperature range</b>	-25 to +35 °C
<b>Driver</b>	Built-in (self ballasted LED-module)

<b>Optic</b>	Road medium (DM), road wide (DW), road comfort (DC), road wet (DK), road narrow (DN), asymmetrical (A), pedestrian crossing left (DP-L), pedestrian crossing right (DP-R)
<b>Optical cover</b>	Flat glass
<b>Material</b>	Housing: die-cast aluminium Cover: extra white tempered glass, 6 mm thick
<b>Colour</b>	RAL7035 or silver grey (like RAL 9006) as standard Other RAL or AKZO colours available on request
<b>Installation</b>	Post top: 60 / 76 mm Side entry: 42 / 60 mm Recommended mounting height: 8-12 m Standard tilt angle post top: 0 and 5° Adjustable tilt angle: 0 and 5°

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## Versions

Iridium<sup>2</sup> LED BGP352 road-lighting luminaire



## Product details



OPDP\_BGP352i\_0009-Detail photo



OPDP\_BGP352i\_0011-Detail photo

# Iridium<sup>2</sup> LED Medium

## Product details



OPDP\_BGP352i\_0015-Detail photo



OPDP\_BGP352i\_0027-Detail photo



OPDP\_BGP352i\_0029-Detail photo

