



Iridium² LEDGINE – Future proof LED performance

Iridium² LED Medium

Iridium² 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, Iridium²'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 Iridium² HID optics are designed to deliver best-in-class lighting performance while offering tremendous flexibility in application. All these features, combined with Iridium²'s ease of installation and maintenance, ensure that customers enjoy low cost of ownership.

Benefits

- Future-proof luminaire: easy maintenance; 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

Features

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

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Application

- Roads: highways and motorised traffic
- Streets: mixed traffic and residential streets
- Walking/Cycle paths

Specifications

Type	BGP352
Light source	LEDGINE 2.0 module
Power	GreenLine: min 28 W, max 80 W EconomyLine: min 42 W, max 120 W
Luminous flux	GreenLine: min 2000 lm, max 7000 lm EconomyLine: min 2800 lm, max 10,300 lm
Correlated Colour Temperature	Warm White: 3000 K Neutral White: 4000 K EconomyLine: 5600 K

Colour Rendering Index	Warm White: ≥ 84 Neutral White: ≥ 76 Cool White: ≥ 68
Lumen maintenance - L80F10	GreenLine: 100,000 hours EconomyLine: 70,000 hours
Driver	Integrated

Specifications

Dimming	CLO
Controls system input	1-10 V and DALI
Options	Photocell: NEMA socket Fuse
Optic	LEDGINE Road Medium (DM), Road Wide (DW), Road Extra Wide (DX), Road Comfort (DC), Road Wet Road (DK)
Optical cover	Flat glass
Material	Housing: die-cast aluminium Cover: extra white tempered glass, 6 mm thick

Colour	RAL7035 or silver grey (like RAL 9006) as standard Other RAL or AKZO colours available on request
Installation	Post top: 60 and 76 mm Side entry: 48 and 60 mm Operating temperature: - 25°C < T Recommended mounting height: 8 to 12 m Standard tilt angle post top: 0 and 5° Adjustable tilt angle: 0 and 5°

Versions



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Product details



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Product details



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Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Philips standard surge protection level kV

Controls and Dimming

Dimmable	No
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General Information

Luminaire light beam spread	150° x 62°
CE mark	CE mark
Coloured frame	-
Parts colour	All parts colored
Coating	-
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Green Flagship mark	Green Flagship
Light source replaceable	Yes
Lamp version	3S
Number of gear units	1 unit
Optic type	Distribution medium
Product Family Code	BGP352

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Mechanical and Housing

Colour	Grey
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General Information

Order Code	Full Product Name	Lamp family code	Number of light sources	ReddotDesign Award Winner mark
42467300	BGP352 GRN78-3S/740 DM AL GR T15	GRN78	48	Reddot Design Award Winner 2012
97658500	BGP352 ECO42-3S/740 II DM AL GR T25	ECO42	24	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
42467300	BGP352 GRN78-3S/740 DM AL GR T15	7021 lm	97658500	BGP352 ECO42-3S/740 II DM AL GR T25	3780 lm

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