



Iridium² – Future proof lighting performance

Iridium² 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

- Best-in-class optics
- Electronic gear (Philips Xtreme gear)
- Integrated controls

Application

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

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Specifications

Type	SGP352
Light source	HID: - MASTER CosmoWhite CPO-TW / PGZ12 / 60, 90, 140 W - MASTER SON-T PIA Plus / E27 / 50, 70 W - MASTER SON-T PIA Plus / E40 / 100, 150 W - MASTER CityWhite CDO-TT / E40 / 100, 150 W
Ballast	Electronic, High Frequency 220 - 240 V / 50 - 60 Hz: - Electronic (EB)
Mains voltage	220-240 V / 50-60 Hz
Optic	Flexible optic 1 (FX1) for Cosmopolis lamps Flexible optic 2 (FX2) for Cosmopolis lamps Flexible optic 1 (FX1) for SON lamps Flexible optic 2 (FX2) for SON lamps
Optical cover	Flat glass (FG) Flat glass with DynaClean coating (FGD) Flat glass, extra clear
Options	Light regulation: - Stand alone dimming via Lumistep - Stand alone dimming via programmable Lumistep - Lineswitch via Pilot Line - Mains Dimming - Light Level Adjustment - External dimming DALI - Dimming via Telemanagement DALI - Dimming via Telemanagement RF Photocell: NEMA socket, Minicell Fuses Pre-cabled luminaire

Materials and finishing	Housing: die-cast aluminium High-reflective optics (assembled optics) Glass: extra-white tempered, 5 mm thick
Colour	RAL7035 or silver grey (like RAL 9006) as standard Other RAL or AKZO colours available on request
Installation	Post-top mounting: axial entry Ø 60 - 76 mm Side-entry mounting: lateral entry Ø 48 - 60 mm Operating temperature: - 25°C < T Recommended mounting height: 5 to 10 m Standard tilt angle post top: 0 and 5° Adjustable tilt angle: 0 and 5°
Accessories	Back louver ZGP352
Remarks	Philips Xtreme gear inside with below specifications: - Lifetime: 80,000 hours - Ambient temperature: -30 to +50°C - Lightning protection up to 10 kV

Versions



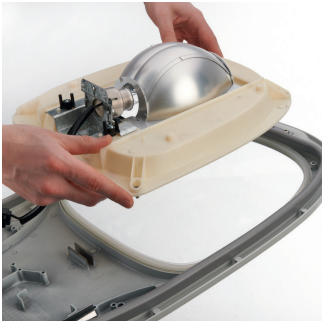
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Product details



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Product details



General Information	
Parts colour	All parts colored
Coating	-
Gear	EB
Optic type	Flexible distribution version 1
Product Family Code	SGP352
Mechanical and Housing	
Colour	Grey

General Information

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Order Code	Full Product Name	Coloured frame	Optical cover/ lens type	Lamp family code	Lamp power
97569400	SGP352 CPO-TW60W K EB FX1 AL GR	-	FG	CPO-TW	60 W
97575500	SGP352 CPO-TW90W K EB FX1 AL GR	-	FG	CPO-TW	90 W
97581600	SGP352 CPO-TW140W K EB FX1 AL GR	-	-	CPO-TW	140 W

Order Code	Full Product Name	Coloured frame	Optical cover/ lens type	Lamp family code	Lamp power
97586100	SGP352 SON-TPP70W K EB FX1 AL GR	-	-	SON-TPP	70 W
97593900	SGP352 SON-TPP100W K EB FX1 AL GR	-	-	SON-TPP	100 W

