



Iridium gen3 – The connected intelligent ‘plug & play’ road luminaire

Iridium gen3 LED Mini

Iridium gen3 is the first truly intelligent luminaire designed for seamless connectivity. No hassle in commissioning – just install the luminaire and control it from a distance through CityTouch management software. Remote light management made easy! The new ‘plug & play’ concept has been designed to ensure safe and easy installation in just three steps: 1. Install the spigot, 2. Plug in the mains, 3. Tilt and close the luminaire. The luminaire's high efficiency at system level ensures significant energy savings compared to existing conventional installations, offering a fast payback. Thanks to its wide choice of lumen packages, optics and colour temperatures, Iridium gen3 fits most applications in residential areas. The luminaire's neo-classical design guarantees a consistent look and feel for your surroundings.

Benefits

- Seamless connection from luminaire to CityTouch software without commissioning
- ‘Plug & play’ installation in just three steps
- High efficiency ensuring fast payback and low TCO

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Features

- Auto-location and commissioning
- System efficacy of up to 124 lm/W
- Wide range of lumen packages between 1,000 and 4,000 lm
- Available in neutral white and warm white colour temperature
- Choice of three optics: Medium Street (MSO), Wide Street (WSO) and Wet Roads (DK)
- Separate spigot for safe and easy installation
- Optimised architecture for 4 kV surge (optional 10 kV), IP66 and IK09 protection
- Lifetime of up to 100,000 hours at L80B10

Application

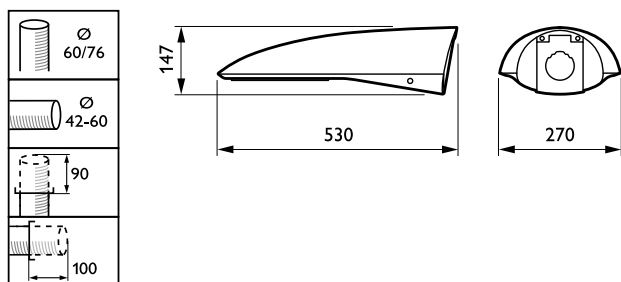
- Residential areas: residential streets, cycle paths & footpaths, roundabouts, pedestrian crossings, parking areas
- City centres: side streets, pedestrian crossings, cycle paths & footpaths, parking areas, roundabouts
- Area and Transportation: industrial areas, parking areas, petrol stations, airports, harbours, public transport areas, waterways
- Sports: parking areas

Related products



Iridium gen3 Mini BGP381 road-lighting luminaire

Dimensional drawing



Product details



General Information (1/2)

order code	Luminaire light beam spread	CE mark	Parts color	Coating	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code
90803600	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN11
90807400	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN15
90813500	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN20
90819700	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN30
90823400	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN40
90824100	152°	CE mark	Cover painted	-	740 neutral white	PC	Yes	ENEC mark	650/5	GRN45

General Information (2/2)

order code	Light source replaceable	Number of gear units	Number of light sources	Optic type	Product Family Code
90803600	No	1 unit	1	MSO	BGP381
90807400	No	-	1	MSO	BGP381
90813500	No	-	1	MSO	BGP381
90819700	No	-	1	MSO	BGP381
90823400	No	-	1	MSO	BGP381
90824100	No	-	1	MSO	BGP381

Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
90803600	4000 K	>70	1033
90807400	4000 K	>70	1414
90813500	4000 K	>70	1873
90819700	4000 K	>70	2785
90823400	4000 K	>70	3657
90824100	4000 K	>70	4054

Mechanical and Housing

order code	Color
90803600	Grey
90807400	Grey
90813500	Grey

Approval and Application

order code	Color
90819700	Grey
90823400	Grey
90824100	Grey

order code	Mech. impact protection code
90803600	IK09
90807400	IK09
90813500	IK09
90819700	IK09
90823400	IK09
90824100	IK09



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