

**PHILIPS**

**Lighting**



# **Iridium gen4 – Leading the way in road lighting comfort and convenience**

## **Iridium gen4**

Iridium gen4, the fourth generation of the Iridium family, is completely redesigned and fully optimized for visual comfort and tool-less maintenance. The Iridium gen4 provides guidance through the clear curved bowl placed in each luminaire along the road. Optional is the offer with GentleBeam. This is a textured curved glass, which reduces glare and improves visual comfort, while maintaining a good lighting distribution. The luminaire holds a new plug and play GearFlex module. This ensures a simplified maintenance and spare part repair process. The complete redesigned luminaire has a tool less opening, similar to Luma gen2, containing all electrical components in an easy to handle and accessible box inside the housing. Besides, the cable feed-through has been redesigned and access to the gear components is easy thanks to top down tool-less access. Iridium gen4 offers all connectivity and dimming options available today. As System Ready luminaire, it can be paired with lighting management systems such as Interact City or existing and upcoming sensor innovations. Also, installation has become easier and faster, and thanks to Service tag, you have access to all relevant documentations onsite. As a company conscious about the impact of light on the environment and biodiversity, the Iridium gen4 is equipped with dedicated light recipes that help with maintaining the optimal ecosystems for bats or preserve a dark night sky. Iridium gen4 is a luminaire rated as best in class regarding efficiency and light performance, compared to other luminaires in the range, in a broad range of applications.

## Iridium gen4

### Benefits

- Ease of maintenance and fast repair enablement with tool less opening and GearFlex module. With Service tag immediate spare part identification.
- Road lighting guidance with clear bowl and supporting visual comfort with GentleBeam
- System ready with SR socket to connect with Interact City lighting management software and third party lighting management systems and sensors

### Features

- New curved bowls for guidance lighting or visual comfort
- High impact resistance, IK10
- Equipped with dedicated light recipes that help 1) maintaining the optimal ecosystems for bats 2) preserve a dark night sky and reduce light pollution
- Efficacy up to 155 lm/W
- Choice of 40+ different beams and option of different internal louvers

### Application

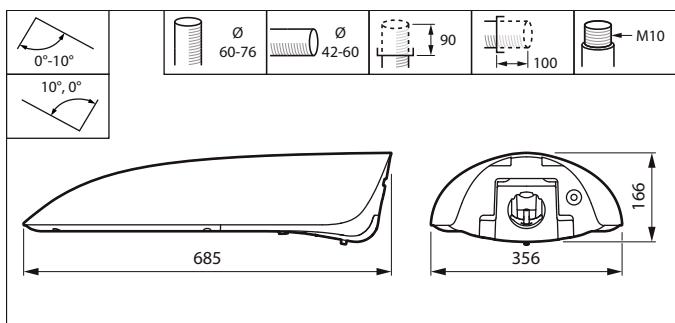
- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets, squares, parks, cycle and pedestrian paths, playgrounds
- Parking areas, industrial areas, petrol stations, rail yards, airports, harbors, waterways

### Versions



BGP502 Iridium gen4 Medium FG

### Dimensional drawing



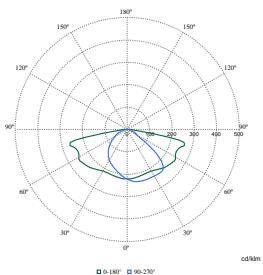
# Iridium gen4

## Product details



**BGP502 Iridium gen4 Medium**  
Open2

## Polar Wide Diagrams



**Polar Normal (separate) - BGP502I -**  
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