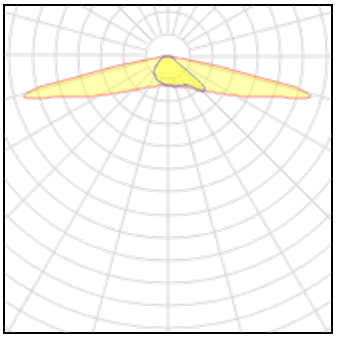
Product data sheet

IRIDIUM GEN4 BGP502 T25 1 XLED50-4S/827 DM50
BGP501
PHILIPS

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

Light output 1



1 x LED

Nominal lamp power	41 W	LOR	85%
Lamp flux	5000 lm	Total flux	4225 lm
Luminous efficacy	103 lm/W	Total power	41 W
CCT	2700 K		
CRI	80		

Mounting mode

Pole top mounted

Shape and measurements

Length: 27.00 in
Width: 14.05 in
Height: 6.73 in

Electric

System power: 41 W