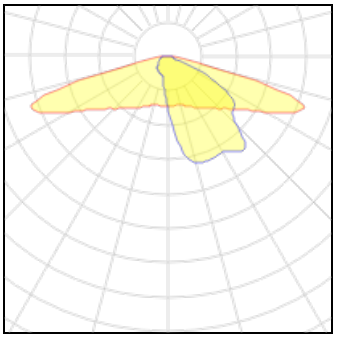
Product data sheet

LUMA GEN2 BGP705 T25 1 XLED280-4S/722 DM52
BGP701
PHILIPS



Luma gen2 – The standard in road lighting, redefined Luma gen2 is the next generation of the Luma LED luminaire family, fully optimized to become your long-term lighting and innovation partner. While keeping the distinctive design characteristics of the first generation, Luma gen2 gives you the benefits of the latest technologies thanks to its future-proof System Ready architecture, use of optimized Ledgine LED and optical platform ensuring best in class lighting performance in a broad range of applications. It also offers improved serviceability. Installation has also become easier and faster, and thanks to the Service tag, you have access to all relevant documentations onsite. Also, the cable feed-through has been redesigned and access to the gear components is easy thanks to top down tool-less access. Luma gen2 also offers all connectivity and dimming options available today and thanks to being System Ready, it can also to be paired with lighting management systems such as Interact City or existing and upcoming sensor innovations. The Luma gen2 has been developed to optimize and simplify spare part repair and maintenance work using a new plug & play GearFlex module containing all electrical components in an easy to handle and accessible box inside the housing. As a company conscious about the impact of light on the environment and biodiversity, we also equipped the Luma gen2 with dedicated light recipes that help with maintaining the optimal ecosystems for bats or preserve a dark night sky.

Light output 1



1 x LED

Nominal lamp power	225 W	LOR	89%
Lamp flux	28000 lm	Total flux	24865 lm
Luminous efficacy	111 lm/W	Total power	225 W
CCT	2200 K		
CRI	70		

Mounting mode

Pole top mounted

Shape and measurements

Length: 36.97 in
Width: 19.06 in
Height: 9.53 in

Electric

System power: 225 W