Luma gen2: The standard in road lighting redefined, with UltraEfficient performance options

Luma gen2

The Luma family is designed to deliver flexible, highly efficient, and sustainable lighting that adapts to the dynamic needs of every city. Luma gen2 preserves the distinctive design characteristics of the first generation while adding the benefits of the latest technology, including a future-proof System Ready architecture, a new LEDgine performance extension, and an optical platform that ensures best-in-class lighting performance in a broad range of applications. Luma gen2 also offers improved serviceability. Installation is eas y and fast, and Service tag gives you access to all relevant specs and product documentation onsite. The cable feed-through offers easy, top-down, tool-less access to the luminaire's gear components. Because Luma gen2 is System Ready, your can pair it with connected lighting management systems such as Interact, or with existing and future sensor innovations. Luma gen2 has been developed to optimize and simplify repairs and maintenance with a plug-and-play GearFlex module containing all electrical components in an easy-to-handle and accessible box inside the housing. Because sustainability is our focus, the GearFlex module uses post-industrial recycled material, The white frame around the LED engine uses post-industrial recycled material, and our product packaging minimizes plastic waste. The product can be disassembled in only a few steps at end of life. As a company conscious of the impact of light on the environment and biodiversity, we equipped Luma gen2 luminaires with dedicated light recipes that help to protect ecosystems for bats and preserve the dark night sky.

Luma gen2

Benefits

· Best-in-class efficiency and light performance in a broad range of applications
· Ease of repairs and maintenance via a dedicated GearFlex module
· Easy disassembly at end of life
· Future-ready thanks to the SR (System Ready) socket
· Luminaire is equipped with dedicated light recipes that help to maintain optimal ecosystems for bats, preserve the dark night sky, and reduce light pollution
· Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation, and spare parts information on-site

Features

· Dedicated GearFlex module enabling faster, safer, and tool-less maintenance
· Post-industrial recycled plastic material used in the GearFlex module and the white frame around the LED compartment
· >85% recyclable aluminum content
· Cable feed-through for easy installation
· Ready to be connected to Interact connected lighting management systems
· Ready to be paired with third-party lighting management systems and sensors
· Tilt with precision of 2.5 degrees
· Efficacy up to 200 lm /W for selected configurations
· Choice of 40+ different beams and different internal louvers
· flux optimization tool
· Surge protection up to 10 kV
· Wide range of lumen packages, ranging from 1,000 to 89,000 lm
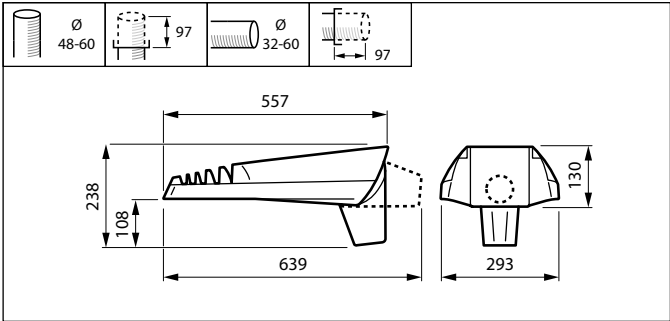· Various CCTs ranging from 1800K – 5700K

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
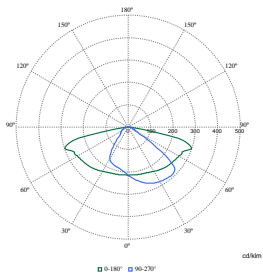
Versions

Luma gen2 Micro with SR connector

Luma gen2

Dimensional drawing

Polar Wide Diagrams

Polar Normal (separate) – BGP702I –
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