



Luma – the vision is reality

Luma Micro

Luma is a REVOLED™ road-lighting luminaire with a clear design identity, offering a perfectly cooled, fit-and-forget solution for all streets and roads. The lumen package, lifetime and energy profile can be tuned to create the desired solution in terms of energy and cost savings. Luma can be programmed to keep the flux of the LEDs at a predefined constant level over the lifetime of the luminaire – by increasing the operating current over time to compensate for the LED lumen depreciation. This eliminates over-lighting at the beginning, enabling additional extra energy savings. Luma's truly flat design prevents upward light, and the OPTIFLUX™ lens optics meet current lighting standards. To optimize the light distribution for varying road geometries and/or glare restrictions, the tilt angle can easily be adjusted on installation.

Benefits

- Choice of lens optics to match international road and street geometries
- Combination of lenses and tilt adjustment options ensures high project flexibility
- Dedicated lumen packages deliver energy savings of over 50%, with a related reduction in CO₂ emissions

Features

- REVOLED™ technology for an integrated, uncompromised approach to LED luminaire design
- COO-LED™ thermal management – the integral design approach taken ensures that many luminaire parts contribute to the coolest and therefore most efficient lighting solution
- L-Tune tool
- Adjustable tilt angle

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

Specifications

Type	BGP615
Light source	Integral LED-module
Power	12 to 46 W
Luminous flux	1056 to 4312 lm
Luminaire efficacy	70 to 106 lm/W
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	70 or 80
Useful life L80B10	Up to 100,000 hours at 25 °C
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Optic	OPTIFLUX™ lenses Narrow, medium, wide or extra wide road optic
Optical cover	Flat cover, glass

Material	Housing: die-cast aluminum, corrosion resistant Cover: toughened glass Gear tray: aluminum Spigot: die-cast aluminum
Color	Antracite or light grey
Connection	M20 cable gland with strain relief, for cable Ø 10-14 mm
Maintenance	Canopy with LED module and gear tray hinges upwards and is secured by a stainless steel locking bar (2 positions), making the LED module and gear tray safely accessible from below Safe Maintenance Technology (SMT) safety switch disconnects power on opening
Installation	Post top and side entry mounting possible (Ø 62 mm) Recommended mounting height: 4-6 m Standard tilt angle post top: 0° Adjustable tilt angle: 0-5-10° Max SCx: 0.049 m

Versions



