



# 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 CO<sub>2</sub> 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

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## 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

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

<b>Material</b>	Housing: die-cast aluminum, corrosion resistant Cover: toughened glass Gear tray: aluminum Spigot: die-cast aluminum
<b>Color</b>	Antracite or light grey
<b>Connection</b>	M20 cable gland with strain relief, for cable Ø 10-14 mm
<b>Maintenance</b>	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
<b>Installation</b>	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



