



Luma – the vision is reality

Luma

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

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Application

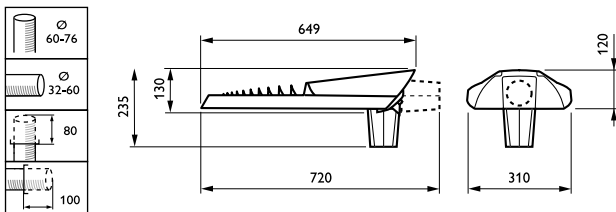
- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets, squares, parks, cycle and pedestrian paths, playgrounds
- Parking areas, industrial areas, petrol stations, rail yards, airports, harbors, waterways

Related products



Luma Mini BGP621 pedestrian luminaire

Dimensional drawing



General Information (1/2)

order code	Supply cable type	CE mark	Parts color	Coating	Light source color	Driver included	ENEC mark	Luminaire fixation bolts	Lamp family code	Light source replaceable
22529300	No	CE mark	All parts colored	-	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes
22532300	No	CE mark	All parts colored	-	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes
22535400	No	CE mark	All parts colored	Single layer powder coating	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes
22540800	No	CE mark	All parts colored	-	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes
22541500	No	CE mark	-	-	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes
22547700	No	CE mark	-	-	Neutral white	Yes	ENEC mark	Length 30 mm	LED-HB	Yes

General Information (2/2)

order code	Number of light sources	Optic type	Product Family Code
22529300	180	OFR1	BGP627
22532300	120	OFR1	BGP625
22535400	100	OFR1	BGP625
22540800	48	OFR1	BGP623
22541500	40	OFR1	BGP621
22547700	12	OFR1	BGP621

Initial Performance (IEC Compliant)

order code	Init. Color Rendering Index
22529300	70
22532300	70
22535400	70
22540800	70
22541500	70
22547700	70

Mechanical and Housing

order code	Color
22529300	Grey
22532300	Grey
22535400	Grey
22540800	Grey
22541500	Grey
22547700	Grey

Approval and Application

order code	Mech. impact protection code	Surge Protection (Common/Differential)
22529300	IK09	Surge protection level until 10
22532300	IK09	Surge protection level until 10
22535400	IK09	Surge protection level until 10
22540800	IK09	Surge protection level until 10
22541500	IK09	-
22547700	IK09	-



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