



Luma – the vision is reality

Luma Micro

Luma is a high-performance 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 uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Moreover, Luma's truly flat design prevents upward light. 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

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Features

- LEDGINE-O engine 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

Application

- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets, squares, parks, cycle and pedestrian paths, playgrounds

- L-Tune tool
- Adjustable tilt angle

- Parking areas, industrial areas, petrol stations, rail yards, airports, harbors, waterways

Specifications

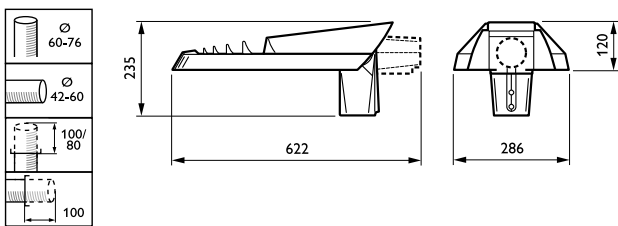
• Type	BGP615	• Optical cover	Flat cover, glass
• Light source	Integral LED-module	• Material	Housing: die-cast aluminum, corrosion resistant Cover: toughened glass Gear tray: aluminum Spigot: die-cast aluminum
• Power	9 to 40 W	• Color	Anthracite or light grey
• Luminous flux	Neutral and Cool white: nominal: 1000 to 5400 lm system: 1000 to 4900 lm Warm white: nominal: 1000 to 4400 lm system: 900 to 4000 lm Or tailor flux using L-Tune software	• Connection	M20 cable gland with strain relief, for cable Ø 10-14 mm
• Luminaire efficacy	Up to 131 lm/W	• 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
• Correlated Color Temperature	3000, 4000 or 5700 K	• 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 m²
• Color Rendering Index	>70 or 80		
• Useful life	100,000 hours min L94B10 (up to L96B10) at 25 °C ambient temperature		
• Operating temperature range	-20 to +35 °C		
• Driver	Built-in (self-ballasted LED-module)		
• Mains voltage	220-240 V / 50-60 Hz		
• Optic	Narrow, medium, wide or extra wide road optics: DM10, DM11, DM12, DM30, DM31, DM50, DM70, DN10, DN11, DPR1, DPL1, DS50, DW10, DW12, DW50, DX10, DX50, DX51, DX70		

Related products



Luma Micro BGP615 road-lighting luminaire, post-top version

Dimensional drawing



Product details



Post-top version: front view



Post-top version: rear view



Post-top version: bottom view



Easy maintenance

Product details



CityTouch OLC integrated



Side-entry version: tilting options



Post-top version: spigot



Clip for opening



Heatsink integrated in canopy



Accessible LED module

General Information (1/2)

order code	CE mark	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code	Light source replaceable	Number of gear units	Number of light sources
910925439722	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN13	Yes	1 unit	12 pcs
910925439723	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN15	Yes	1 unit	12 pcs
910925439724	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN18	Yes	1 unit	20 pcs
910925439725	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN20	Yes	1 unit	20 pcs
910925439726	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN25	Yes	1 unit	20 pcs
910925439727	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN29	Yes	1 unit	20 pcs
910925439728	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO20	Yes	1 unit	12 pcs
910925439729	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO25	Yes	1 unit	12 pcs

order code	CE mark	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code	Light source replaceable	Number of gear units	Number of light sources
910925439730	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO29	Yes	1 unit	12 pcs
910925439731	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO35	Yes	1 unit	20 pcs
910925439732	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO39	Yes	1 unit	20 pcs
910925439733	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO45	Yes	1 unit	20 pcs
910925439734	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO49	Yes	1 unit	20 pcs
910925439735	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN13	Yes	1 unit	12 pcs
910925439736	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN15	Yes	1 unit	12 pcs
910925439737	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN18	Yes	1 unit	20 pcs
910925439738	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN20	Yes	1 unit	20 pcs
910925439739	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN25	Yes	1 unit	20 pcs
910925439740	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN29	Yes	1 unit	20 pcs
910925439741	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO20	Yes	1 unit	12 pcs
910925439742	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO25	Yes	1 unit	12 pcs
910925439743	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO29	Yes	1 unit	12 pcs
910925439744	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO35	Yes	1 unit	20 pcs
910925439745	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO39	Yes	1 unit	20 pcs
910925439746	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO45	Yes	1 unit	20 pcs
910925439747	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO49	Yes	1 unit	20 pcs
910925439748	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN12	Yes	1 unit	12 pcs
910925439749	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN16	Yes	1 unit	20 pcs
910925439750	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN19	Yes	1 unit	20 pcs
910925439751	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN22	Yes	1 unit	20 pcs
910925439752	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO21	Yes	1 unit	12 pcs
910925439753	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO26	Yes	1 unit	20 pcs
910925439754	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO30	Yes	1 unit	20 pcs
910925439755	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO36	Yes	1 unit	20 pcs
910925439756	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO40	Yes	1 unit	20 pcs
910925439757	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN12	Yes	1 unit	12 pcs

order code	CE mark	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code	Light source replaceable	Number of gear units	Number of light sources
910925439758	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN16	Yes	1 unit	20 pcs
910925439759	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN19	Yes	1 unit	20 pcs
910925439760	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN22	Yes	1 unit	20 pcs
910925439761	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO21	Yes	1 unit	12 pcs
910925439762	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO26	Yes	1 unit	20 pcs
910925439763	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO30	Yes	1 unit	20 pcs
910925439764	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO36	Yes	1 unit	20 pcs
910925439765	CE mark	Warm white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	ECO40	Yes	1 unit	20 pcs
910925452126	-	-	-	-	-	-	-	-	-	-
910925863322	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN13	Yes	1 unit	12 pcs
910925863323	CE mark	Neutral white	Flat glass	Yes	ENEC mark	Temperature 850 °C, duration 5 s	GRN29	Yes	1 unit	20 pcs

General Information (2/2)

order code	Optic type	Product Family Code
910925439722	Optiflux version R1	BGP615
910925439723	Optiflux version R1	BGP615
910925439724	Optiflux version R1	BGP615
910925439725	Optiflux version R1	BGP615
910925439726	Optiflux version R1	BGP615
910925439727	Optiflux version R1	BGP615
910925439728	Optiflux version R1	BGP615
910925439729	Optiflux version R1	BGP615
910925439730	Optiflux version R1	BGP615
910925439731	Optiflux version R1	BGP615
910925439732	Optiflux version R1	BGP615
910925439733	Optiflux version R1	BGP615
910925439734	Optiflux version R1	BGP615
910925439735	Optiflux version R1	BGP615
910925439736	Optiflux version R1	BGP615
910925439737	Optiflux version R1	BGP615
910925439738	Optiflux version R1	BGP615
910925439739	Optiflux version R1	BGP615
910925439740	Optiflux version R1	BGP615
910925439741	Optiflux version R1	BGP615
910925439742	Optiflux version R1	BGP615
910925439743	Optiflux version R1	BGP615
910925439744	Optiflux version R1	BGP615
910925439745	Optiflux version R1	BGP615
910925439746	Optiflux version R1	BGP615

order code	Optic type	Product Family Code
910925439747	Optiflux version R1	BGP615
910925439748	Optiflux version R1	BGP615
910925439749	Optiflux version R1	BGP615
910925439750	Optiflux version R1	BGP615
910925439751	Optiflux version R1	BGP615
910925439752	Optiflux version R1	BGP615
910925439753	Optiflux version R1	BGP615
910925439754	Optiflux version R1	BGP615
910925439755	Optiflux version R1	BGP615
910925439756	Optiflux version R1	BGP615
910925439757	Optiflux version R1	BGP615
910925439758	Optiflux version R1	BGP615
910925439759	Optiflux version R1	BGP615
910925439760	Optiflux version R1	BGP615
910925439761	Optiflux version R1	BGP615
910925439762	Optiflux version R1	BGP615
910925439763	Optiflux version R1	BGP615
910925439764	Optiflux version R1	BGP615
910925439765	Optiflux version R1	BGP615
910925452126	-	BGP615
910925863322	Optiflux version R6	BGP615
910925863323	Optiflux version R6	BGP615

Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910925439722	4000	-	1144
910925439723	4000	-	1320
910925439724	4000	-	1584
910925439725	4000	-	1760
910925439726	4000	-	2200
910925439727	4000	-	2552
910925439728	4000	-	1760
910925439729	4000	-	2200
910925439730	4000	-	2552
910925439731	4000	-	3080
910925439732	4000	-	3432
910925439733	4000	-	3960
910925439734	4000	-	4312
910925439735	4000	-	1144
910925439736	4000	-	1320
910925439737	4000	-	1584
910925439738	4000	-	1760
910925439739	4000	-	2200
910925439740	4000	-	2552
910925439741	4000	-	1760
910925439742	4000	-	2200
910925439743	4000	-	2552
910925439744	4000	-	3080
910925439745	4000	-	3432
910925439746	4000	-	3960
910925439747	4000	-	4312
910925439748	3000	80	1056
910925439749	3000	80	1408
910925439750	3000	80	1672
910925439751	3000	80	1936
910925439752	3000	80	1848
910925439753	3000	80	2288
910925439754	3000	80	2640
910925439755	3000	80	3168
910925439756	3000	80	3520
910925439757	3000	80	1056
910925439758	3000	80	1408
910925439759	3000	80	1672
910925439760	3000	80	1936
910925439761	3000	80	1848
910925439762	3000	80	2288
910925439763	3000	80	2640
910925439764	3000	80	3168
910925439765	3000	80	3520
910925863322	4000	-	1144
910925863323	4000	-	2552

Light Technical

order code	Standard tilt angle side entry	Standard tilt angle posttop
910925439722	0°	0°
910925439723	0°	0°
910925439724	0°	0°
910925439725	0°	0°
910925439726	0°	0°
910925439727	0°	0°
910925439728	0°	0°
910925439729	0°	0°
910925439730	0°	0°
910925439731	0°	0°
910925439732	0°	0°
910925439733	0°	0°
910925439734	0°	0°
910925439735	0°	0°
910925439736	0°	0°
910925439737	0°	0°
910925439738	0°	0°
910925439739	0°	0°
910925439740	0°	0°
910925439741	0°	0°
910925439742	0°	0°
910925439743	0°	0°
910925439744	0°	0°
910925439745	0°	0°
910925439746	0°	0°
910925439747	0°	0°
910925439748	0°	0°
910925439749	0°	0°
910925439750	0°	0°
910925439751	0°	0°
910925439752	0°	0°
910925439753	0°	0°
910925439754	0°	0°
910925439755	0°	0°
910925439756	0°	0°
910925439757	0°	0°
910925439758	0°	0°
910925439759	0°	0°
910925439760	0°	0°
910925439761	0°	0°
910925439762	0°	0°
910925439763	0°	0°
910925439764	0°	0°
910925439765	0°	0°
910925863322	0°	0°
910925863323	0°	0°

Operating and Electrical

order code	Driver current
910925439722	264
910925439723	308
910925439724	216
910925439725	242
910925439726	308
910925439727	362
910925439728	424
910925439729	547
910925439730	650
910925439731	447
910925439732	506
910925439733	597
910925439734	661
910925439735	264
910925439736	308
910925439737	216
910925439738	242
910925439739	308
910925439740	362
910925439741	424
910925439742	547
910925439743	650
910925439744	447
910925439745	506
910925439746	597
910925439747	661
910925439748	300
910925439749	234
910925439750	284
910925439751	335
910925439752	581
910925439753	407
910925439754	483
910925439755	606
910925439756	696
910925439757	300
910925439758	234
910925439759	284
910925439760	335
910925439761	581
910925439762	407
910925439763	483
910925439764	606
910925439765	696
910925863322	264
910925863323	362

Mechanical and Housing

order code	Color
910925439722	Gray
910925439723	Gray
910925439724	Gray
910925439725	Gray
910925439726	Gray
910925439727	Gray
910925439728	Gray
910925439729	Gray
910925439730	Gray
910925439731	Gray
910925439732	Gray
910925439733	Gray
910925439734	Gray
910925439735	Gray
910925439736	Gray
910925439737	Gray
910925439738	Gray
910925439739	Gray
910925439740	Gray
910925439741	Gray
910925439742	Gray
910925439743	Gray
910925439744	Gray
910925439745	Gray
910925439746	Gray
910925439747	Gray
910925439748	Gray
910925439749	Gray
910925439750	Gray
910925439751	Gray
910925439752	Gray
910925439753	Gray
910925439754	Gray
910925439755	Gray
910925439756	Gray
910925439757	Gray
910925439758	Gray
910925439759	Gray
910925439760	Gray
910925439761	Gray
910925439762	Gray
910925439763	Gray
910925439764	Gray
910925439765	Gray
910925863322	Gray
910925863323	Gray

Approval and Application

order code	Mech. impact protection code
910925439722	IK09
910925439723	IK09
910925439724	IK09
910925439725	IK09
910925439726	IK09
910925439727	IK09
910925439728	IK09
910925439729	IK09
910925439730	IK09
910925439731	IK09
910925439732	IK09
910925439733	IK09
910925439734	IK09
910925439735	IK09
910925439736	IK09
910925439737	IK09
910925439738	IK09
910925439739	IK09
910925439740	IK09
910925439741	IK09
910925439742	IK09
910925439743	IK09
910925439744	IK09

order code	Mech. impact protection code
910925439745	IK09
910925439746	IK09
910925439747	IK09
910925439748	IK09
910925439749	IK09
910925439750	IK09
910925439751	IK09
910925439752	IK09
910925439753	IK09
910925439754	IK09
910925439755	IK09
910925439756	IK09
910925439757	IK09
910925439758	IK09
910925439759	IK09
910925439760	IK09
910925439761	IK09
910925439762	IK09
910925439763	IK09
910925439764	IK09
910925439765	IK09
910925863322	IK09
910925863323	IK09



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