



Luma gen2 Solar – Using solar power to light up your streets

Luma gen2 Solar

Meet your sustainability targets in an easy and fast way. We've upgraded your most preferred luminaire Luma gen2 to be powered by solar energy. Finless design, future-proof architecture, hassle-free maintenance and best-in-class lighting performance are some of the reasons we are proud of Luma gen2 Solar. Let's take a deep dive into all the characteristics we worked on to meet your lighting needs.

Benefits

- Compatible with a wide range of PHILIPS Solar sub-systems which include battery, PV panel, charge controller for both off-grid and hybrid power options
- Customisable lighting solutions to suit your exact needs thanks to Ledgine – O.
- Best-in-class efficiency and light performance in a broad range of applications
- Dedicated light recipes for:
 - oDecreased light pollution
 - oOptimal ecosystem for bats
 - oPreservation of a dark night sky
- Improved serviceability thanks to Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information
- Redesigned cable feed-through for tool-less access to the connection compartment

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Features

- Dedicated Philips Solar sub-systems like charge controller, battery, PV panel and connecting cables with IP67 connectors enabling faster, safer, installation and maintenance
- New cable feed-through for easy installation
- Tilt now with 2-5-degree precision
- Choice of 40+ different beams and the option of different internal louvres
- Efficacy up to 165 lm/W

Application

- Roads and streets
- Residential streets

Versions

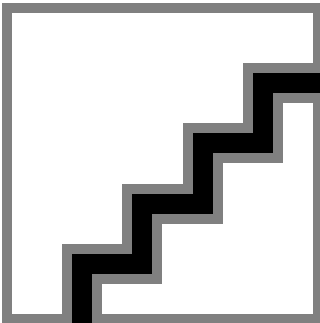


LUMA GEN2 MINI SOLAR - LED -
155° x 86°

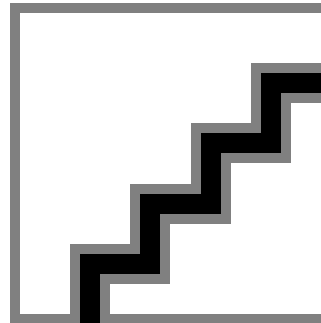


LUMA GEN2 MEDIUM SOLAR -
LED - 155° x 86°

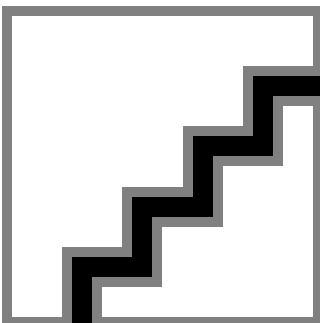
Product details



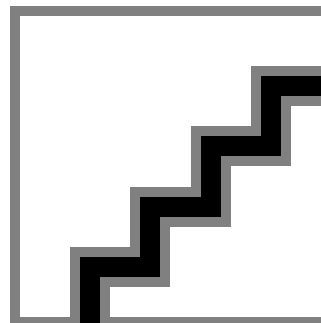
Luma gen2 mini Solar bottom view



Luma gen2 mini Solar side view



Luma gen2 mini Solar top view



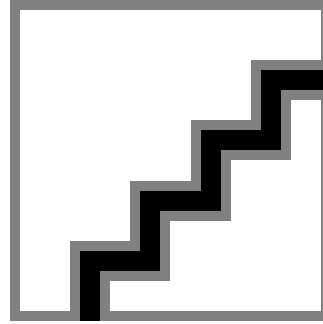
Luma gen2 medium Solar Spigot

Luma gen2 Solar

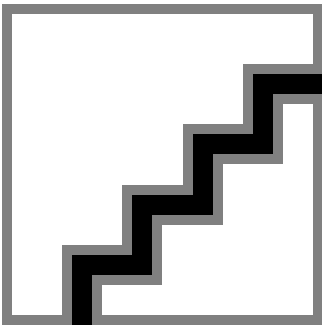
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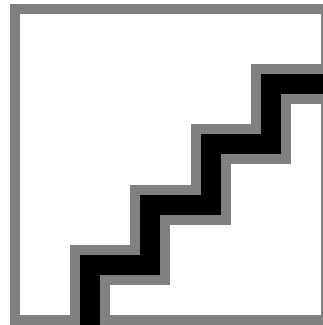
Luma gen2 medium Solar Spigot



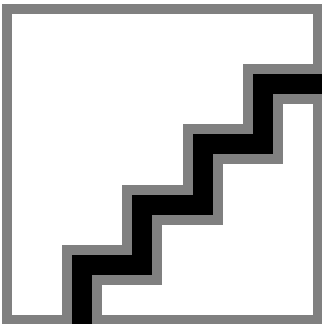
Luma gen2 medium Solar top view



Luma gen2 medium Solar with louver



Luma gen2 medium Solar side view



Luma gen2 medium Solar

Approval and Application

Mech. impact protection code	IK10
Surge protection (common/differential)	-

Controls and Dimming

Dimmable	Yes
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General Information

Luminaire light beam spread	155° x 86°
CE mark	CE mark
Optical cover/lens type	G
Driver included	No
Flammability mark	F
Light source replaceable	Yes
Optic type	Distribution medium 10

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle post-top	-
Upward light output ratio	0

Mechanical and Housing

Colour	Dark gray
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General Information

Order Code	Full Product Name	Light source colour	Number of light sources	Product family code
62374300	VGP703 40 4S 730 24V III DM10 42/60S	730 warm white	1	VGP703
62375000	VGP703 40 4S 830 24V III DM10 42/60S	830 warm white	1	VGP703
62376700	VGP703 40 4S 740 24V III DM10 42/60S	740 neutral white	1	VGP703
62377400	VGP704 80 4S 730 48V III DM10 42/60S	730 warm white	2	VGP704
62378100	VGP704 80 4S 830 48V III DM10 42/60S	830 warm white	2	VGP704
62379800	VGP704 80 4S 740 48V III DM10 42/60S	740 neutral white	2	VGP704

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
62374300	VGP703 40 4S 730 24V III DM10 42/60S	3000 K	>70
62375000	VGP703 40 4S 830 24V III DM10 42/60S	3000 K	>80
62376700	VGP703 40 4S 740 24V III DM10 42/60S	4000 K	>70

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
62377400	VGP704 80 4S 730 48V III DM10 42/60S	3000 K	>70
62378100	VGP704 80 4S 830 48V III DM10 42/60S	3000 K	>80
62379800	VGP704 80 4S 740 48V III DM10 42/60S	4000 K	>70

