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 upgraded your most preferred luminaire Luma gen2 to be powered by Solar energy. Finless design, future-proof architecture, hustle-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 in 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 HY-Brid power options
- Customizable 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
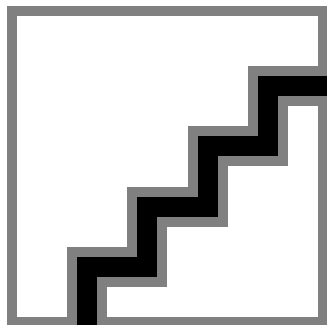
Luma gen2 Solar

Features

- Dedicated Philips Solar sub-systems like Charge Controller, Battery, PV panel, connecting cables with IP67 connectors enabling faster, safer, installation and maintenance
- New cable feedthrough for easy installation
- Tilt now with 2,5 degrees precision
- Choice of 40+ different beams and option of different internal louvers
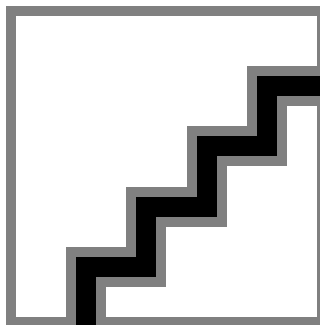- Efficacy up to 165 lm/W

Application

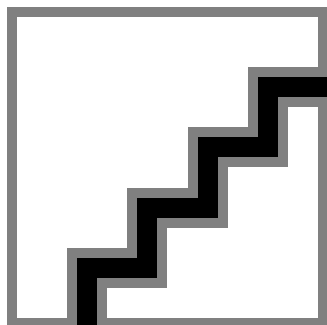- Roads and streets
- Residential streets
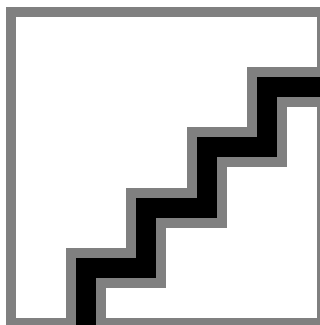
Versions

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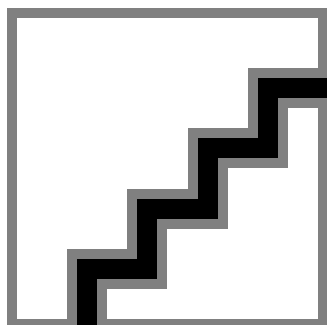

LUMA GEN2 MEDIUM SOLAR – LED – 155° x 86°
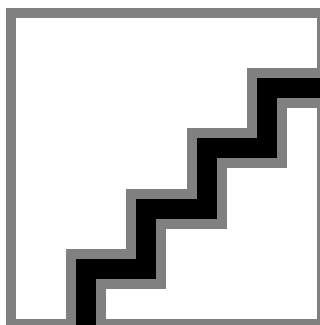
Product details

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

Product details
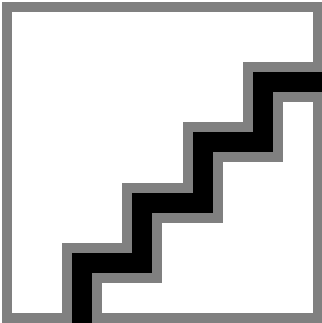
Luma gen2 medium Solar Spigot

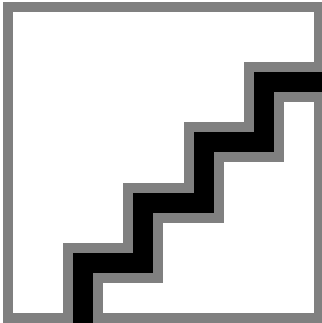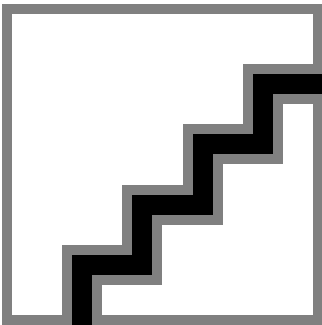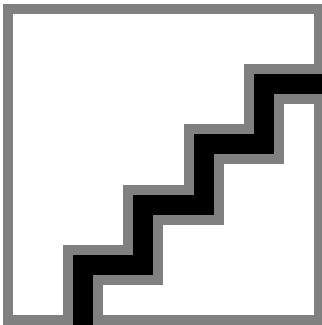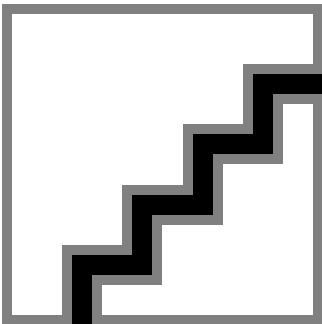**Luma gen2 medium Solar top view**

Luma gen2 medium Solar with louver

Luma gen2 medium Solar side view

Luma gen2 medium Solar

Luma gen2 Solar

Approval and application

Mech. impact protection code	IK10
Surge Protection (Common/ Differential)	–

Controls and dimming

Dimmable	Yes

General information

Luminaire light beam spread	155° x 86°
CE mark	CE mark
Optical cover/lens type	Glass
Driver included	No
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Optic type	Distribution medium 10

Light technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	–
Upward light output ratio	0

Mechanical and housing

Color	Dark gray

General information

Order Code	Full Product Name	Light source color	Number of light sources	Product Family Code
910925868310	VGP703 40 4S 730 24V III DM10 42/60S	730 warm white	1 pc	VGP703
910925868311	VGP703 40 4S 830 24V III DM10 42/60S	830 warm white	1 pc	VGP703
910925868312	VGP703 40 4S 740 24V III DM10 42/60S	740 neutral white	1 pc	VGP703
910925868313	VGP704 80 4S 730 48V III DM10 42/60S	730 warm white	2 pcs	VGP704
910925868314	VGP704 80 4S 830 48V III DM10 42/60S	830 warm white	2 pcs	VGP704
910925868315	VGP704 80 4S 740 48V III DM10 42/60S	740 neutral white	2 pcs	VGP704

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
910925868310	VGP703 40 4S 730 24V III DM10 42/60S	3000 K	>70
910925868311	VGP703 40 4S 830 24V III DM10 42/60S	3000 K	>80
910925868312	VGP703 40 4S 740 24V III DM10 42/60S	4000 K	>70

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
910925868313	VGP704 80 4S 730 48V III DM10 42/60S	3000 K	>70
910925868314	VGP704 80 4S 830 48V III DM10 42/60S	3000 K	>80
910925868315	VGP704 80 4S 740 48V III DM10 42/60S	4000 K	>70

www.lighting.philips.com

2022, October 1 – data subject to change