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:
  • Decreased light pollution
  • Optimal ecosystem for bats
  • Preservation 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, 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 medium Solar](image)

**Dimensional drawing**
Luma gen2 Solar

Product details

Luma gen2 medium Solar

General Information

- Driver included: No
- Light source replaceable: Yes

Light Technical

- Luminaire light beam spread: 155° x 86°
- Optical cover type: Glass
- Optic type outdoor: Distribution medium 10
- Standard tilt angle side entry: 0°
- Standard tilt angle posttop: -
- Upward light output ratio: 0

Controls and Dimming

- Dimmable: No

Mechanical and Housing

- Housing Color: Dark gray

Approval and Application

- CE mark: Yes
- Flammability mark: For mounting on normally flammable surfaces
- Mech. impact protection code: IK10
- Ingress protection code: IP66
- Surge Protection (Common/Differential): -

Light Technical

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<th>Full Product Name</th>
<th>Light source color</th>
<th>Correlated Color Temperature (Nom)</th>
<th>Color rendering index (CRI)</th>
<th>Number of light sources</th>
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Product family leaflet, 2024, May 8
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910925868314 | VGP704 80 4S        | 830 warm white     | 3000 K                  | >80                         | 2                      |
910925868315 | VGP704 80 4S        | 740 neutral white  | 4000 K                  | >70                         | 2                      |