

Luma gen2 Solar

VGP703



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

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 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

Applications

- Roads and streets
- Residential streets

Features

- Dedicated 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

Versions

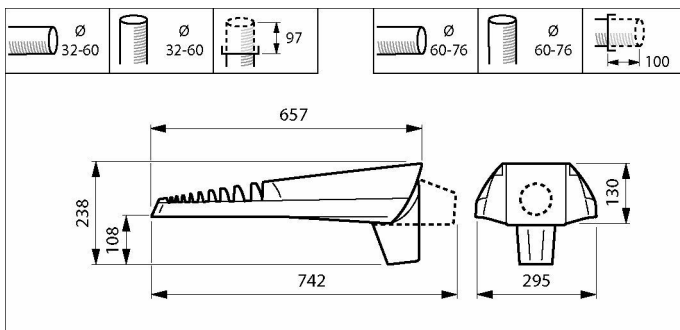
Luma gen2 mini Solar



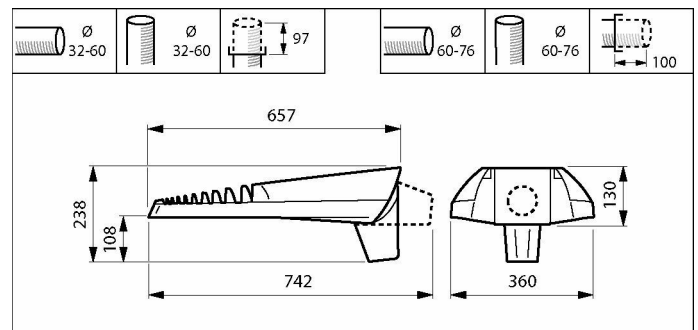
Luma gen2 medium Solar



Dimensional drawing



VGP703 40 4S 740 24V III DM10 42/60S



VGP704 80 4S 730 48V III DM10 42/60S

Product details

Luma gen2 mini Solar bottom view



Luma gen2 mini Solar side view





Luma gen2 medium Solar
Spigot



Luma gen2 medium Solar
Spigot



Luma gen2 medium Solar top
view



Luma gen2 mini Solar top
view



Luma gen2 medium Solar
with louver



Luma gen2 medium Solar
side view



Luma gen2 medium Solar

General Information

Light source replaceable	Yes
Driver included	No
Service tag	Yes

Light Technical

Upward light output ratio	0
Luminaire light beam spread	155° x 86°
Optic type outdoor	Distribution medium 10

Operating and Electrical

Surge Protection (Common/Differential)	-
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	Dark gray
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Optical cover type	Glass

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

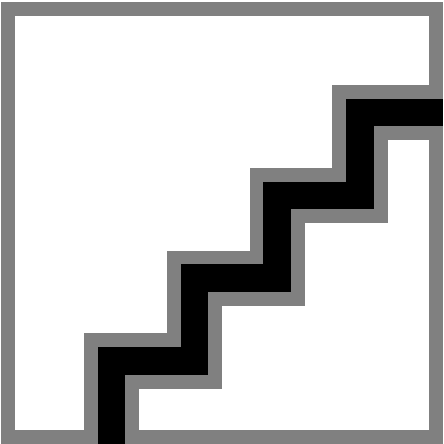
Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Number of light sources	Light source color
62374300	VGP703 40 4S 730 24V III DM10 42/60S	3000 K	70	1	730 warm white
62375000	VGP703 40 4S 830 24V III DM10 42/60S	3000 K	80	1	830 warm white
62376700	VGP703 40 4S 740 24V III DM10 42/60S	4000 K	70	1	740 neutral white
62377400	VGP704 80 4S 730 48V III DM10 42/60S	3000 K	70	2	730 warm white
62378100	VGP704 80 4S 830 48V III DM10 42/60S	3000 K	80	2	830 warm white
62379800	VGP704 80 4S 740 48V III DM10 42/60S	4000 K	70	2	740 neutral white

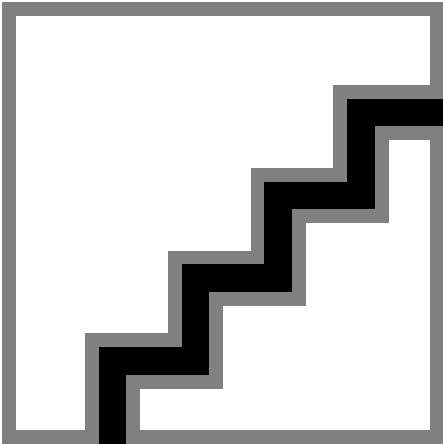
Product Data

Order Code	Full Product Name	Product family code
62374300	VGP703 40 4S 730 24V III DM10 42/60S	VGP703
62375000	VGP703 40 4S 830 24V III DM10 42/60S	VGP703
62376700	VGP703 40 4S 740 24V III DM10 42/60S	VGP703
62377400	VGP704 80 4S 730 48V III DM10 42/60S	VGP704
62378100	VGP704 80 4S 830 48V III DM10 42/60S	VGP704
62379800	VGP704 80 4S 740 48V III DM10 42/60S	VGP704

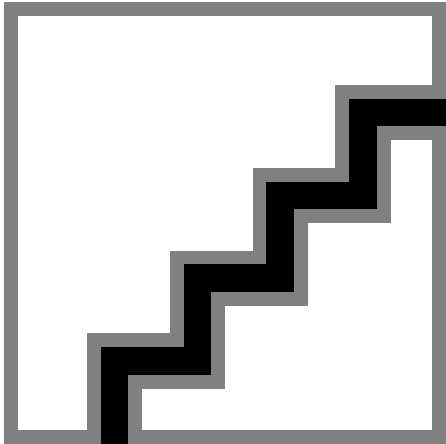
Polar normal diagrams



VGP704I - 910925868313



VGP704I - 910925868315



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