



# Luma gen2 Solar

## VGP703 40 4S 730 24V III DM10 42/60S

LUMA GEN2 MINI SOLAR - 1 pc - LED - Distribution medium 10 - Glass - 155° x 86° - - - Side-entry for diameter 42-60 mm

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.

### Product data

General Information		Product family code	
Number of light sources	1 [ 1 pc]	VGP703 [ LUMA GEN2 MINI SOLAR]	
Lamp colour code	730 warm white	Light Technical	
Light source replaceable	Yes	Upward light output ratio	0
Driver included	No	Standard tilt angle post-top	-
Optical cover/lens type	G [ Glass]	Standard tilt angle side entry	0°
Luminaire light beam spread	155° x 86°	Operating and Electrical	
Control interface	-	Input Voltage	24 V
Connection	Connection unit 2-pole	Controls and Dimming	
Cable	-	Dimmable	Yes
Protection class IEC	Safety class III (III)	Configurability	Configurable
Flammability mark	F [ For mounting on normally flammable surfaces]	Mechanical and Housing	
CE mark	CE mark	Housing material	Aluminum die-cast
Warranty period	5 years	Optic material	Polymethyl methacrylate
Optic type outdoor	Distribution medium 10	Optical cover/lens material	Tempered glass
EU RoHS compliant	Yes		
Light source engine type	LED		

## Luma gen2 Solar

Fixation material	Aluminium
Mounting device	42/60S [ Side-entry for diameter 42-60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	734 mm
Overall width	295 mm
Overall height	146 mm
Effective projected area	0.0998 m <sup>2</sup>
Colour	Dark Grey
Dimensions (height x width x depth)	146 x 295 x 734 mm (5.7 x 11.6 x 28.9 in)

### Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [ 20 J vandal-resistant]
Surge protection (common/differential)	-

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Lamp colour temperature	3000 K
Colour Rendering Index	>70
Initial chromaticity	(0.434, 0.403) SDCM <5

Init. colour rendering index tolerance	+/-2
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### Over Time Performance (IEC Compliant)

Lumen maintenance at median useful life*	L00 100,000 h
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### Application Conditions

Ambient temperature range	-40 to +50 °C
Solar dimming profile	configurable via charge controller
Battery location	on-pole, in-ground

### Product Data

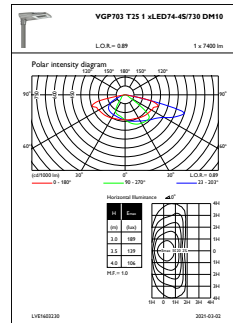
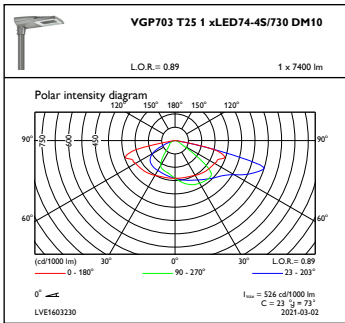
Full product code	871951462374300
Order product name	VGP703 40 4S 730 24V III DM10 42/60S
EAN/UPC – product	8719514623743
Order code	910925868310
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925868310
SAP net weight (piece)	8.400 kg



## Dimensional drawing

LUMA gen2 Solar VGP70x

Photometric data



OFPC1\_VGP703T251xLED74-4S730DM10

OFPL1\_VGP703T251xLED74-4S730DM10

