



Luma gen2 Solar

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

LUMA GEN2 MEDIUM SOLAR - 2 pcs - 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		Light source engine type	
Number of light sources	2 [2 pcs]	Light source engine type	LED
Lamp colour code	730 warm white	Product family code	VGP704 [LUMA GEN2 MEDIUM SOLAR]
Light source replaceable	Yes	Light Technical	
Driver included	No	Upward light output ratio	0
Optical cover/lens type	G [Glass]	Standard tilt angle post-top	-
Luminaire light beam spread	155° x 86°	Standard tilt angle side entry	0°
Control interface	-	Operating and Electrical	
Connection	Connection unit 2-pole	Input Voltage	48 V
Cable	-	Controls and Dimming	
Protection class IEC	Safety class III (III)	Dimmable	Yes
Flammability mark	F [For mounting on normally flammable surfaces]	Configurability	Configurable
CE mark	CE mark	Mechanical and Housing	
Warranty period	5 years	Housing material	Aluminum die-cast
Optic type outdoor	Distribution medium 10		
EU RoHS compliant	Yes		

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Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass
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	743 mm
Overall width	360 mm
Overall height	146 mm
Effective projected area	0.136 m ²
Colour	Dark Grey
Dimensions (height x width x depth)	146 x 360 x 743 mm (5.7 x 14.2 x 29.3 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

Over Time Performance (IEC Compliant)

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

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	871951462377400
Order product name	VGP704 80 4S 730 48V III DM10 42/60S
EAN/UPC – product	8719514623774
Order code	910925868313
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925868313
SAP net weight (piece)	10.100 kg



Dimensional drawing

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