Corepro LED Strip

CorePro LEDstrip 12.3W827 1450LM/M 5M

A complete family that are bright, slim, safe & reliable. Choose the best fit for every projects, from 4 lumen packs/wattages, and 4 CCTs, and enjoy easy installation with slimness

Product data

General Information

Driver included	No
Lighting Technology	LED
Warranty period	3 years

Light Technical

Luminous Flux	1,450 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	117.00 lm/W
Color rendering index (CRI)	80
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Input Voltage	24 V
Initial CLO power consumption	52 W
Average CLO power consumption	0 W
Power Consumption	52 W
Power Factor (Fraction)	1
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	–
Protection class IEC	Safety class III

Controls and Dimming

Dimmable	Yes

Control interface

Control interface	depends on driver (1-10V, DALI...)
Constant light output	No
Maximum dim level	10% (depends on dimmer, ELV)

Mechanical and Housing

Reflector material	–
Overall length	5,000 mm
Overall width	8 mm
Overall height	1.3 mm
Dimensions (Height x Width x Depth)	1 x 8 x 5000 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK00 [No protection]
Net Weight (Piece)	0.100 kg

Approval and Application

Energy Efficiency Class	F
EPREL Registration Number	620709
Glow-wire test	Temperature 650 °C, duration 30 s
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	–20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

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Initial chromaticity	(0.4578, 0.4101) 5SDCM		**Full product code**	871951434424200
Power consumption tolerance	+/-10%		**Order code**	929002695902
			Material Nr. (12NC)	929002695902
Over Time Performance (IEC Compliant)			**Numerator – Quantity Per Pack**	1
Median useful life L70B50	35,000 hour(s)		**EAN/UPC – Product/Case**	8719514344242
			Numerator – Packs per outer box	10
Product Data			**EAN/UPC – Case**	8719514344259
Order product name	CorePro LEDstrip 12.3W827 1450LM/M 5M			
Full product name	CorePro LEDstrip 12.3W827 1450LM/M 5M			

Dimensional drawing

Photometric data
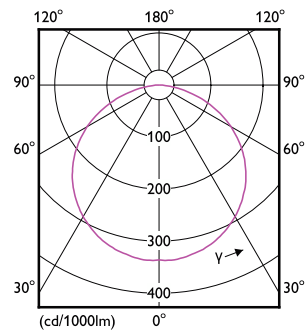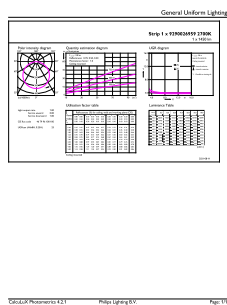
General uniform lighting – CorePro LEDstrip 12.3W827 1450LM/M 5M

Light Distribution Diagram – CorePro LEDstrip 12.3W827 1450LM/M 5M

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www.lighting.philips.com

2025, March 11 – data subject to change