

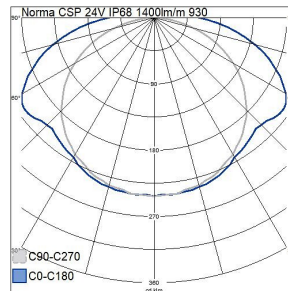


# Norma CSP 24V

## 24V IP68 1400lm/m 930 5m

The high-quality Norma CSP led strip is an excellent lighting solution for spaces that require uniform and indirect lighting. CSP LEDs do not have point-like light, but give a completely flat, clean and uniform line of light. Thanks to the even light, the LED strip is also suitable for locations where the strip and profile are directly visible. The Norma strip has IP68, so it can also be installed in damp rooms. The series has excellent colour rendering and three colour temperature options. The strip is to be installed in an aluminum profile. A separate dimmer unit offers two control options: push button (Push dim) and Dali dimming control. By special request, the luminaire is available with the Casambi control system, cut to measure and installed inside a profile, when necessary. Easy-to-install connectors are available as accessories.

Norma CSP 24V LED-light rail 72W 14.4W/m wh 3000K IP68; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Ending; 2x0.3mm<sup>2</sup>



24V IP68 1400lm/m 930 5m			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146926	A1COBJ	0.57	Norma CSP 24V

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EC002706

Mounting	
Mounting method	Surface mounting
Degree of protection (IP)	IP68
Lowest bending radius (mm)	20
Type of wiring	Ending
Number of poles	2
Conductor cross section (mm <sup>2</sup> )	0.3
Connectable conductor cross section (min) (mm <sup>2</sup> )	1.5
Connectable conductor cross section (max) (mm <sup>2</sup> )	2.5
Connection type	Solder

Structure	
Model	Tape
Lamp type	LED not exchangeable
Number of LEDs per metre	480
Number of nodes per foot	146
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	G
Length of particular segments (mm)	50
With end piece	Yes
With connection set	No
With protective cover	Yes
Self-adhesive	Yes

Dimming and control	
Constant luminous flux control	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Luminous flux per meter (lm)	1400
Radiation angle (°)	150
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	3000
Colour temperature (max) (K)	3000
Colour rendering index (CRI/Ra)	90-100
Colour temperature switchable	No
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	50000
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	95
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	10

Measurements	
Width (mm)	8
Height/depth (mm)	2
Length (mm)	5000
Total length (m)	5

Electrotechnical data	
Lamp power per meter (W)	14.4
Lamp power per foot (W)	4.39
Luminaire efficacy (lm/W)	100
Voltage type	DC
Lamp voltage (min) (V)	24
Lamp voltage (max) (V)	24
Type of control gear	LED operating device voltage-controlled
Protection class according to IEC 61140	III
Maximum system power (W)	72
Power factor	1