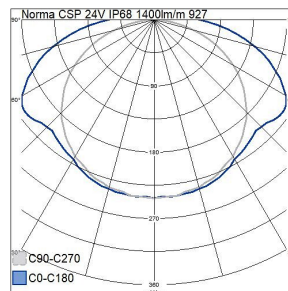# Norma CSP 24V
24V IP68 1400lm/m 927 5m

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 2700K IP68; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Ending; 2x0.3mm²

Norma CSP 24V IP68 1400lm/m 927

| C90-C270 |
| C0-C180 |

24V IP68 1400lm/m 927 5m

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146925	A1COBI	0.57	Norma CSP 24V

24V IP68 1400lm/m 927 5m
EC002706

Mounting

Degree of protection (IP)	IP68
Mounting method	Surface mounting
Connection type	Solder
Lowest bending radius (mm)	20
Number of poles	2
Conductor cross section (mm²)	0.3
Type of wiring	Ending

Structure

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

Dimming and control

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

Photometric data

Luminous flux per meter (lm)	1400
Colour temperature (min) (K)	2700
Colour rendering index CRI	90-100
Colour of light (alphanumeric)	White
Radiation angle (°)	150
Colour temperature (max) (K)	2700
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

Length (mm)	5000
Height/depth (mm)	2
Width (mm)	8

Electrotechnical data

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