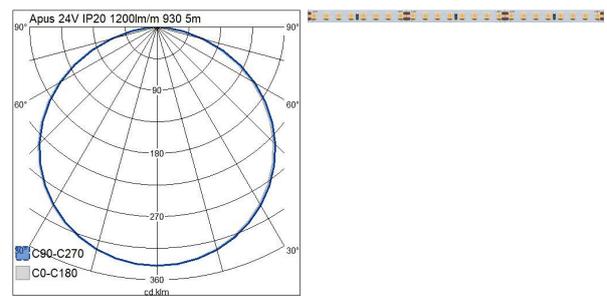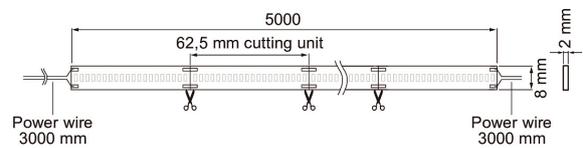# Apus 24V
24V IP20 1200lm/m 930 5m

Apus 24V is a high-quality and energy-efficient LED strip with excellent color rendering. The Apus strip creates a uniform line of light and offers numerous options for implementing indirect lighting. The long 15-meter model of the series allows for a continuous installation, which can be utilized in corridors and other locations requiring long installations, especially in public spaces. Applications include kitchens, living spaces, hotels, and restaurants. The series offers four different power levels with two color temperatures. By selecting the appropriate power supply, you can adjust the dimming of the LED strip as desired. It is also available with Casambi control, cut to length, and installed in a profile if necessary – customization is smoothly carried out at our factory in Lahti. The series includes accessories that make it easy to connect the strips. Both ends of the strip have a power cord, allowing you to create two ready-to-install LED strips by cutting it. The length of the power cord (3 meters) also allows the power supply to be placed in a discreet location.

Apus 24V Led-strip 48W 9.6W/m wh 3000K IP20; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Ending; 2x0.3mm²

24V IP20 1200lm/m 930 5m

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4147012	A1APUC	0.155	Apus 24V

24V IP20 1200lm/m 930 5m
EC002706

Mounting

Mounting method	Surface mounting
Degree of protection (IP)	IP20
Lowest bending radius (mm)	30
Type of wiring	Ending
Number of poles	2
Conductor cross section (mm²)	0.3
Connectable conductor cross section (min) (mm²)	1.5
Connectable conductor cross section (max) (mm²)	2.5
Connection type	Solder

Structure

Model	Tape
Lamp type	LED not exchangeable
Number of LEDs per metre	128
Number of nodes per foot	39
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	F
Length of particular segments (mm)	62.5
With end piece	No
With connection set	No
With protective cover	No
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)	1130
Radiation angle (°)	120
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) (%)	70
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)	9.6
Lamp power per foot (W)	2.9
Luminaire efficacy (lm/W)	118
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)	48
Power factor	1

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