Ambiance 24V

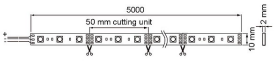
P20 12W/m TW 5m

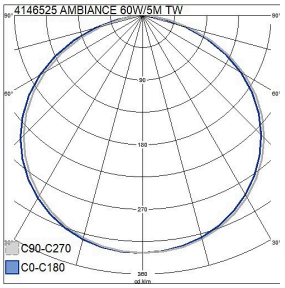
LED light rail/LED strip

Ambiance LED strips can be used to create effective indirect general lighting or atmospheric accent lighting. The stepless control of the LED strip's white colour temperature from warm to cold enables a wide variety of choices for general lighting. The IP20 and IP65 models of the strip enable it to be mounted in many different places. With the high level of luminous flux, the strips are particularly suitable for surface reflection to create non-glare indirect lighting in a room. A strip can be mounted on the window jamb or on the back of furniture, paintings and mirrors. An LED strip mounted on the underside of steps or on handrails provides extra safety on staircases. The IP65 strip is suitable for wet spaces. It can be mounted beneath kitchen cabinets, or above them for the soft reflection of light from the ceiling. The high luminous flux and excellent colour rendering qualities enable a wide variety of uses in public spaces. The series also includes a ready-to-use IP20 package, containing the LED strip and all the necessary components



Ambiance 24V 60W 12W/m wh 2200K IP20; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Ending; 3x0.3mm²





Stocked: Yes

P20 12W/m TW 5m			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146525	4146525	0.14	Ambiance 24V

P20 12W/m TW 5m

EC002706 LED strip

Structure	
Model	Tape
Lamp type	LED not exchangeable
Number of LEDs per metre	200
Number of nodes per foot	61
Type of power supply	Mains power supply
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	D
Length of particular segments (mm)	50 mm
With end piece	No
With connection set	No
With protective cover	No
Self-adhesive	Yes

Mounting	
Mounting method	Surface mounted
Degree of protection (IP)	IP20
Lowest bending radius (mm)	30 mm
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	0.3 mm²
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Connection type	Soldering connection

Electrotechnical data	
Lamp power per meter (W)	12 W
Lamp power per foot (W)	3.66 W
Luminaire efficacy (lm/W)	150 lm/W
Voltage type	DC
Lamp voltage (min) (V)	24 V
Lamp voltage (max) (V)	24 V
Type of control gear	LED operating device voltage-controlled
Protection class according to IEC 61140	III
Maximum system power (W)	60 W
Power factor	1

Photometric data	
Luminous flux per meter (lm)	1800 lm
Radiation angle (°)	120 °
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	2200 K
Colour temperature (max) (K)	6500 K
Colour rendering index (CRI/Ra)	90-100
Colour temperature switchable	Continuously variable
Lumen setting adjustable	No
Beam angle adjustable	No

ETIM	
Suitable for dimmer	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	50000 h
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) (%)	5 %

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

Measurements	
Width (mm)	10 mm
Height/depth (mm)	2 mm
Length (mm)	5000 mm
Total length (m)	5 m