

LED STRIP FOR MAINS VOLTAGE EVO1 PRO

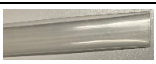


- IP65 LED strip for European mains voltage - Section 12 x (h) 4mm
- 120LEDs/m, Minimum bending radius = 50mm
- Not Directional Light Source, $R_a \geq 90$, Beam opening = 110°
- Dimmable
- Wiring to the mains possible every 10cm, by cutting, plugging the ST125 entering cap on the wire, soldering of L, N and filling with not-conductive silicon (ST130, ST131, ST132)
- Cutting Step = 10cm, for termination by the end cap ST122 filled with not-conductive silicon
- Selling Units = 5m or 50m reel (50m is the max single circuit length)

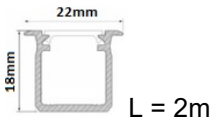
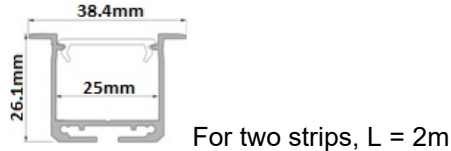
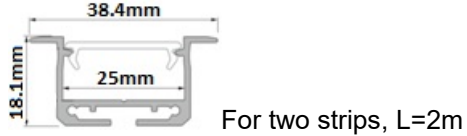
Code	Id.code	Reel	P_{on} (W/m)	T_c (K)	PF	DF	Φ_{use} (lm/m)	mA/m	En.Class (1m)	E_c/m (kWh/1000h)
ST9287-E1P	82 032	50m	8	2700	>0.9	>PF	740	38	F	8
ST9287-E1P/5	82 033	5m								
ST9280-E1P	82 034	50m	8	3000	>0.9	>PF	Under testing	38	Under testing	8
ST9280-E1P/5	82 035	5m								
ST9281-E1P	82 036	50m	8	4000	>0.9	>PF	Under testing	38	Under testing	8
ST9281-E1P/5	82 037	5m								
ST9282-E1P	82 038	50m	8	6400	>0.9	>PF	Under testing	38	Under testing	8
ST9282-E1P/5	82 039	5m								
ST9207-E1P	82 040	50m	17	2700	>0.9	>PF	1590	80	F	17
ST9207-E1P/5	82 041	5m								
ST9200-E1P	82 042	50m	17	3000	>0.9	>PF	Under testing	80	Under testing	17
ST9200-E1P/5	82 043	5m								
ST9201-E1P	82 044	50m	17	4000	>0.9	>PF	Under testing	80	Under testing	17
ST9201-E1P/5	82 045	5m								
ST9202-E1P	82 046	50m	17	6400	>0.9	>PF	Under testing	80	Under testing	17
ST9202-E1P/5	82 047	5m								

Operating electric conditions	220 - 240V 50/60Hz
Insulating class	
Dimmable 	Potentiometer / Trailing edge chopping DLU dimmers FLLDIM240 - FLLDIM450 - FLLDIM900
T _{amb}	
Useful Lifetime	L70 B50 = 35.000h (Ta=25°C)
LMF after 3.600h endurance test	X _{LMF,MIN} % = 96%
Flicker	P _{st} LM ≤ 1.0
Stroboscopic effect	SVM ≤ 0.4
Colour consistency	MacAdam ellipses step ≤ 3 – under testing
Mercury and dangerous substances	
UV and IR radiation	
LED module classified RISK GROUP 1 in application of the EN 62471 standards “Photobiological safety of lamps and lamp systems”	

Accessories for LED strips

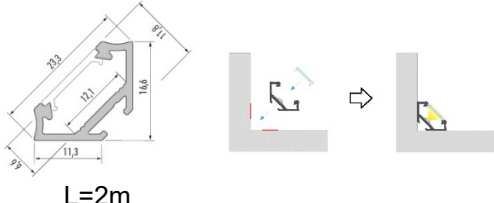
Code	Id.Code	Description	
ST122	10 126	End cap, without insulating guide for wire	
ST125	10 125	Beginning cap, with insulating guide for wire	
ST126	10 127	Bag with 5 x ST122 and 5 x ST125	
ST127	10 131	Bag with 4 x Heat-shrink tubes (150mm long, section 12.7mm, 120°C)	
ST130	10 107	Tube of <u>not-conductive</u> silicon for IP65 sealing of the entrance wiring and end cap	5ml
ST132	10 194	Tube of <u>not-conductive</u> silicon for IP65 sealing of the entrance wiring and end cap	10ml
ST131	10 108	Tube of <u>not-conductive</u> silicon for IP65 sealing of the entrance wiring and end cap	100ml

Profiles for recessed mounting

Code	TYPE		Finish
P10-0074-20 Id.10 109	G		Anodized SILVER
P12-0074-00 Id.10 045		End cap in ABS	GREY
P10-0204-20 Id.10 116	ML		Anodized SILVER
P10-0201-20 Id.10 115			Lacquered WHITE
P12-0964-00 Id.10 064		End cap in ABS	GREY
P12-0961-00 Id.10 063		End cap in ABS	WHITE
P12-0395-10 Id.10 054		End cap, Aluminium with hole	SILVER
P12-0391-10 Id.10 053		End cap, Aluminium with hole	WHITE
P10-0224-20 Id.10 118	SL		Anodized SILVER
P10-0221-20 Id.10 117			Lacquered WHITE
P12-0974-00 Id.10 066		End cap in ABS	GREY
P12-0971-00 Id.10 065		End cap in ABS	WHITE
P12-0415-10 Id.10 056		End cap, Aluminium with hole	Anodized SILVER
P12-0411-10 Id.10 055		End cap, Aluminium with hole	WHITE

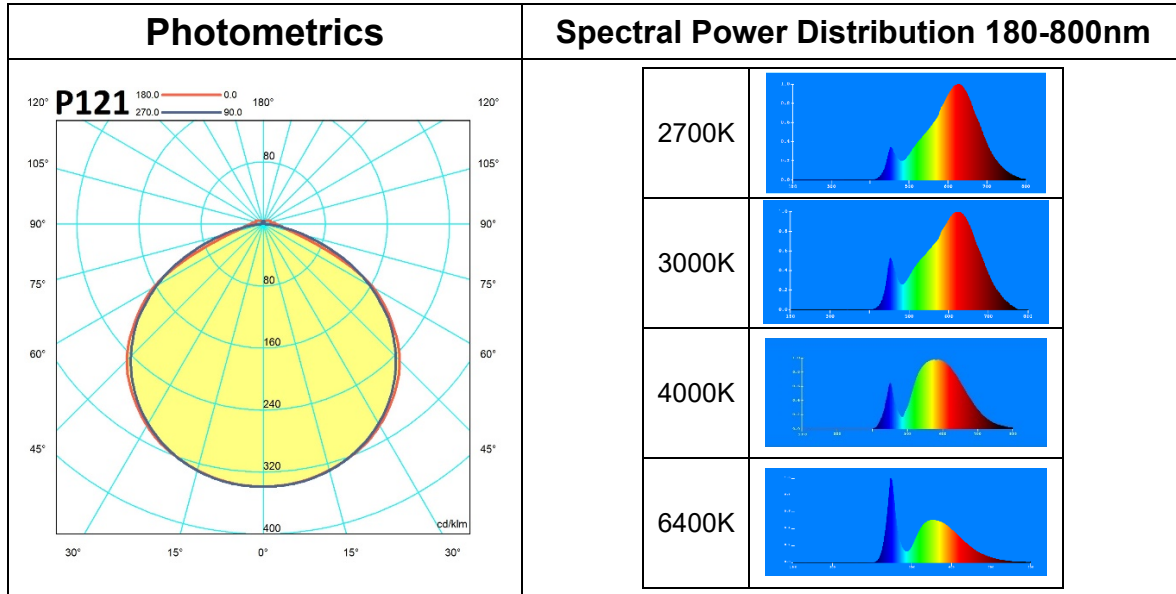
Profiles for surface mounting

Code	TYPE	Finish
P10-0094-20 Id.10 112	Y	Anodized SILVER
P10-0092-20 Id.10 111		Anodized BLACK
P10-0091-20 Id.10 110		Lacquered WHITE
P12-0094-01 Id.10 048		GREY
P12-0092-01 Id.10 047		BLACK
P12-0091-01 Id.10 046		WHITE
P10-0334-20 Id.10 120	S	Anodized SILVER
P10-0331-20 Id.10 119		Lacquered WHITE
P12-1004-01 Id.10 068		GREY
P12-1001-01 Id.10 067		WHITE
P12-0645-11 Id.10 060		SILVER
P12-0641-11 Id.10 058		WHITE
P12-0645-10 Id.10 059		SILVER
P12-0641-10 Id.10 057		WHITE
P10-0184-20 Id.10 114	M	Anodized SILVER
P10-0181-20 Id.10 113		Lacquered WHITE
P12-0934-01 Id.10 062		GREY
P12-0931-01 Id.10 061		WHITE
P12-0195-11 Id.10 052		SILVER
P12-0191-11 Id.10 050		WHITE
P12-0195-10 Id.10 051		SILVER
P12-0191-10 Id.10 049		WHITE
P10-0064-20 Id.10 156	F	Anodized SILVER
P10-0061-20 Id.10 157		Lacquered WHITE

Code	TYPE	Finish
P10-0034-20 Id.10 168	 L=2m	Anodized SILVER
P10-0033-20 Id.10 169		Anodized BRONZE
P10-0032-20 Id.10 170		Anodized BLACK
P10-0031-20 Id.10 171		Lacquered WHITE
P12-0044-01 Id.10 172	C	End cap in ABS
P12-0043-01 Id.10 173		End cap in ABS
P12-0042-01 Id.10 174		End cap in ABS
P12-0041-01 Id.10 175		End cap in ABS

Accessories for Profiles

Code	For TYPE	Description	Finish/Note
P11-2013-20 Id.10 033	G, Y, C	Cover Basic in PMMA L = 2m	Transparent
P11-2012-20 Id.10 032			Frozen
P11-2011-20 Id.10 031			Milky
P11-2073-20 Id.10 036	S, SL, M, ML	Cover Double in PMMA L = 2m	Transparent
P11-2072-20 Id.10 035			Frozen
P11-2071-20 Id.10 034			Milky
P14-2010-01 Id.10 089	S, SL, M, ML	Kit for Suspension	L = 1250mm
P14-2011-02 Id.10 090			L = 1500mm
P14-2012-03 Id.10 091			L = 2000mm
P14-2013-04 Id.10 092			L = 3000mm
P14-2014-05 Id.10 093			L = 5000mm
P13-0083-00 Id.10 105	Y	Mounting clip	Transparent
P13-0082-00 Id.10 104			BLACK
P13-0043-00 Id.10 192	C	Mounting clip in ABS	Transparent
P14-5001-00 Id.10 106	SL, ML	Mounting spring	Galvanized steel



Reference Standards: EN60598-1; EN60598-2-21; EN62471; EN62493; EN55015; EN61000-3-2; EN61000-3-3; EN61547
European Directives: 2014/35; 2014/30; 92/31; 93/68; 2009/125 (Reg.no.2019/2020); 2012/27 (Reg.no.2019/2015); 2011/65; 2012/19



Correct disposal of this product (Waste Electrical & Electronic Equipment) Applicable in countries with separate collection systems
This graphic symbol placed on the product and on the package indicates that the product should not be disposed with other household waste.
To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and responsibly recycle them to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased the product, or their local government office, for details on where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract; this product should not be mixed with other commercial wastes for disposal.