

LED STRIP FOR MAINS VOLTAGE EVO1



- IP65 LED strip for European mains voltage - Section 12 x (h) 4mm
- 120LEDs/m, Minimum bending radius = 50mm
- Not-directional Light Source, $R_a \geq 80$, 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 = 5-25-50m reels (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)
ST4200-E1	82 019	50m	17	3000	>0.9	>PF	1850	80	F	17
ST4200-E1/5	82 020	5m								
ST4200-E1/25	82 021	25m								
ST4201-E1	82 022	50m	17	4000	>0.9	>PF	2050	80	E	17
ST4201-E1/5	82 023	5m								
ST4201-E1/25	82 024	25m								
ST4202-E1	82 025	50m	17	6400	>0.9	>PF	1950	80	E	17
ST4202-E1/5	82 026	5m								
ST4202-E1/25	82 027	25m								
ST4200/8W-E1	82 030	50m	8	3000	>0.9	>PF	910	38	E	8
ST4200/8W-E1/5	82 031	5m								
ST4200/8W-E1/25	82 048	25m								
ST4201/8W-E1	82 049	50m	8	4000	>0.9	>PF	930	38	E	8
ST4201/8W-E1/5	82 050	5m								
ST4201/8W-E1/25	82 051	25m								
ST4202/8W-E1	82 052	50m	8	6400	>0.9	>PF	Under testing	38	Under testing	8
ST4202/8W-E1/5	82 053	5m								
ST4202/8W-E1/25	82 054	25m								

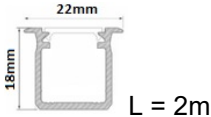
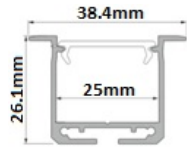
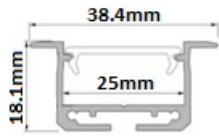
LED module classified RISK GROUP 1 in application of the EN 62471

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 ≤ 6
Mercury and dangerous substances	
UV and IR radiation	
LED module classified RISK GROUP 1 in application of the EN 62471	

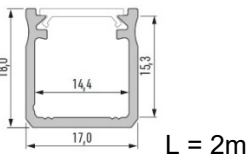
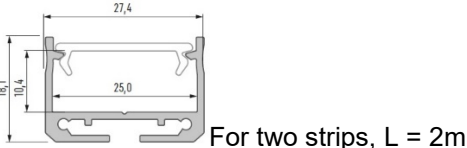
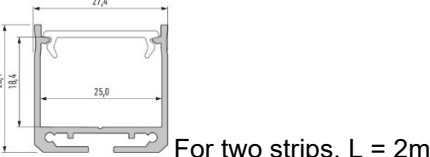
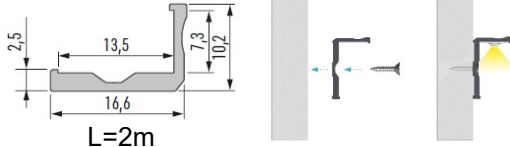
Accessories for LED strips

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

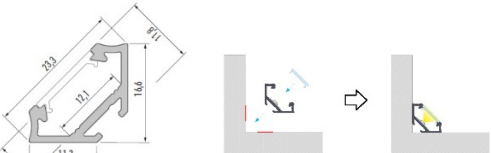
Profiles for recessed mounting

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	 For two strips, L = 2m		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	 For two strips, L=2m		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

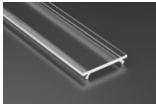
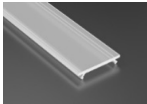
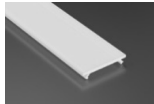
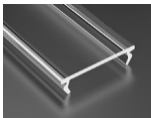
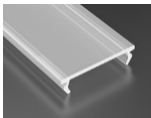
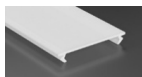
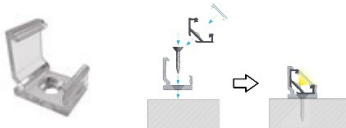
Profiles for surface mounting 1/2

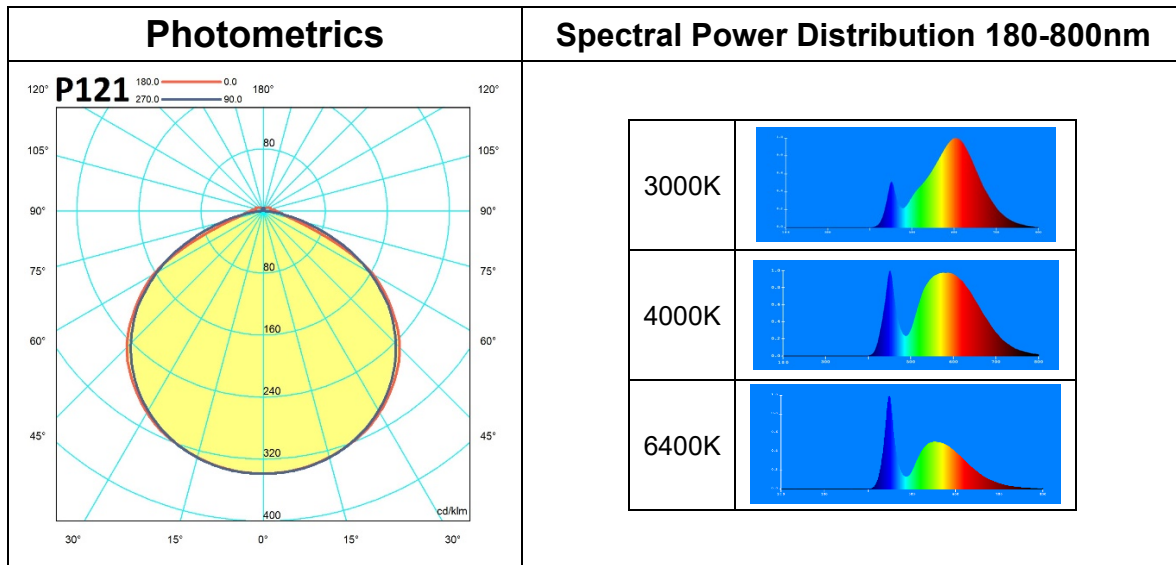
Code	TYPE		Finish
P10-0094-20 Id.10 112	Y		Anodized SILVER
P10-0092-20 Id.10 111			Anodized BLACK
P10-0091-20 Id.10 110			Lacquered WHITE
P12-0094-01 Id.10 048		End cap in ABS 	GREY
P12-0092-01 Id.10 047			BLACK
P12-0091-01 Id.10 046			WHITE
P10-0334-20 Id.10 120	S		Anodized SILVER
P10-0331-20 Id.10 119			Lacquered WHITE
P12-1004-01 Id.10 068		End cap in ABS 	GREY
P12-1001-01 Id.10 067		End cap in ABS	WHITE
P12-0645-11 Id.10 060		End cap, Aluminium without hole 	SILVER
P12-0641-11 Id.10 058		End cap, Aluminium without hole	WHITE
P12-0645-10 Id.10 059		End cap, Aluminium with hole 	SILVER
P12-0641-10 Id.10 057		End cap, Aluminium with hole	WHITE
P10-0184-20 Id.10 114	M		Anodized SILVER
P10-0181-20 Id.10 113			Lacquered WHITE
P12-0934-01 Id.10 062		End cap in ABS 	GREY
P12-0931-01 Id.10 061		End cap in ABS	WHITE
P12-0195-11 Id.10 052		End cap, Aluminium without hole 	SILVER
P12-0191-11 Id.10 050		End cap, Aluminium without hole	WHITE
P12-0195-10 Id.10 051		End cap, Aluminium with hole 	SILVER
P12-0191-10 Id.10 049		End cap, Aluminium with hole	WHITE
P10-0064-20 Id.10 156	F		Anodized SILVER
P10-0061-20 Id.10 157			Lacquered WHITE

Profiles for surface mounting 2/2

Code	TYPE	Finish
P10-0034-20 Id.10 168		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		GREY
P12-0043-01 Id.10 173		Inox (BRONZE)
P12-0042-01 Id.10 174		BLACK
P12-0041-01 Id.10 175		WHITE

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.