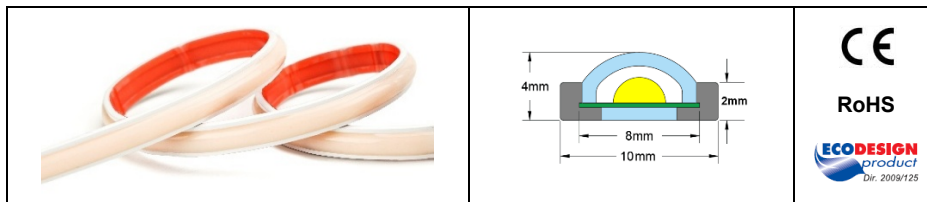


LED STRIP FOR MAINS VOLTAGE FLEXCOP OPAL



- IP65 FCOB LED OPAL strip for European mains voltage - Section 10 x (h) 4mm, silicon extrusion
- 296LEDs/m, Minimum bending radius = 30mm
- Not-directional Light Source, $R_a \geq 80$, Beam opening = 120°
- Dimmable
- Cutting step = 12.5cm that is 1m long strip is made of 8 LED single modules 12.5cm long, in parallel. The wiring to the mains is possible every 12.5cm by cutting, plugging the entering cap code 10 317 on the wire, soldering of L, N and filling with not-conductive silicon (ST130, ST131, ST132)
- Termination by using the end cap code 10 316 filled with not-conductive silicon
- Selling Units = 5 or 50m reels (50m is the max single circuit length)

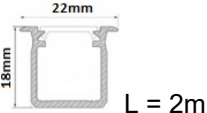
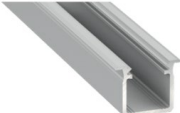
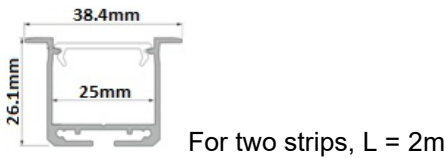
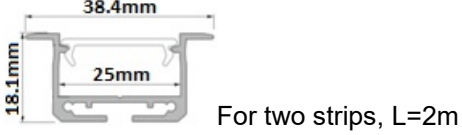
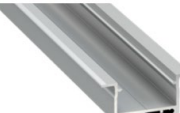
Code	Reel	P_{on} (W/m)	T_c (K)	PF	DF	$\Phi_{TOT} = \Phi_{use}$ (lm/m)	mA/m	En.Class (1 module)	$E_c/module$ (kWh/1000h)
82 061	50m	12	2700	>0.9	>PF	720	58	G	2
82 062	5m								
82 055	50m	12	3000	>0.9	>PF	760	58	G	2
82 056	5m								
82 057	50m	12	4000	>0.9	>PF	860	58	G	2
82 058	5m								
82 059	50m	12	6400	>0.9	>PF	890	58	G	2
82 060	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 ($T_a=25^\circ\text{C}$)
LMF after 3.600h endurance test	$X_{LMF,MIN}\% = 96\%$
Flicker	$P_{st} LM \leq 1.0$
Stroboscopic effect	$SVM \leq 0.4$
Colour consistency	MacAdam ellipses step ≤ 5
Mercury and dangerous substances	
UV and IR radiation	
LED module classified RISK GROUP 1 in application of the EN 62471 standards	

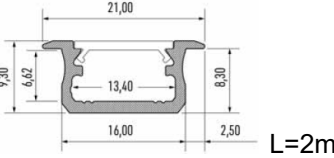
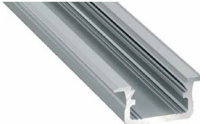
Accessories for LED strips

Code	Id.Code	Description	
10 316	10 316	End cap, without insulating guide for wire	
10 317	10 317	Beginning cap, with insulating guide for wire	
10 318	10 318	Bag with 5 x 10 316 and 5 x 10 317	 + 
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 1/2

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 in Aluminium, with hole		SILVER
P12-0391-10 Id.10 053		End cap in 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 in Aluminium, with hole		Anodized SILVER
P12-0411-10 Id.10 055		End cap in Aluminium, with hole		WHITE

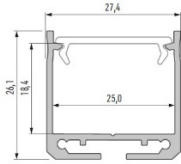
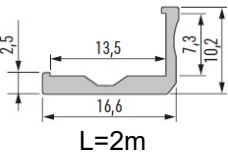
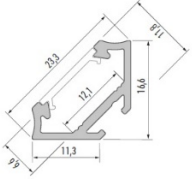
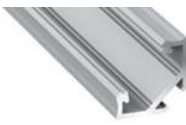
Profiles for recessed mounting 2/2

Code	TYPE	Finish	Code	TYPE
P10-0024-20 Id.10 138	B			Anodized SILVER
P10-0023-20 Id.10 139				Anodized BRONZE
P10-0022-20 Id.10 140				Anodized BLACK
P10-0021-20 Id.10 141				Lacquered WHITE
P12-0154-00 Id.10 142		End cap in ABS, pre-drilled		GREY
P12-0153-00 Id.10 143		End cap in ABS, pre-drilled		Inox (BRONZE)
P12-0152-00 Id.10 144		End cap in ABS, pre-drilled		BLACK
P12-0151-00 Id.10 145		End cap in ABS, pre-drilled		WHITE

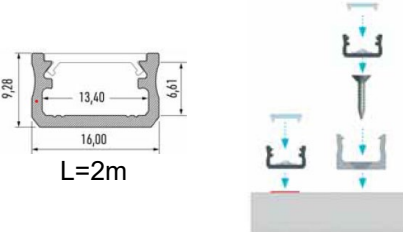
Profiles for surface mounting 1/3

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

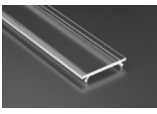
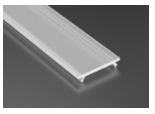
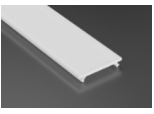
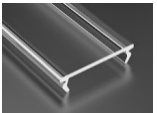
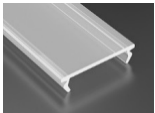
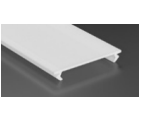
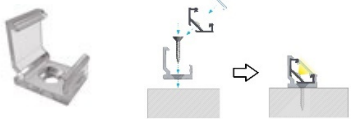
Profiles for surface mounting 2/3

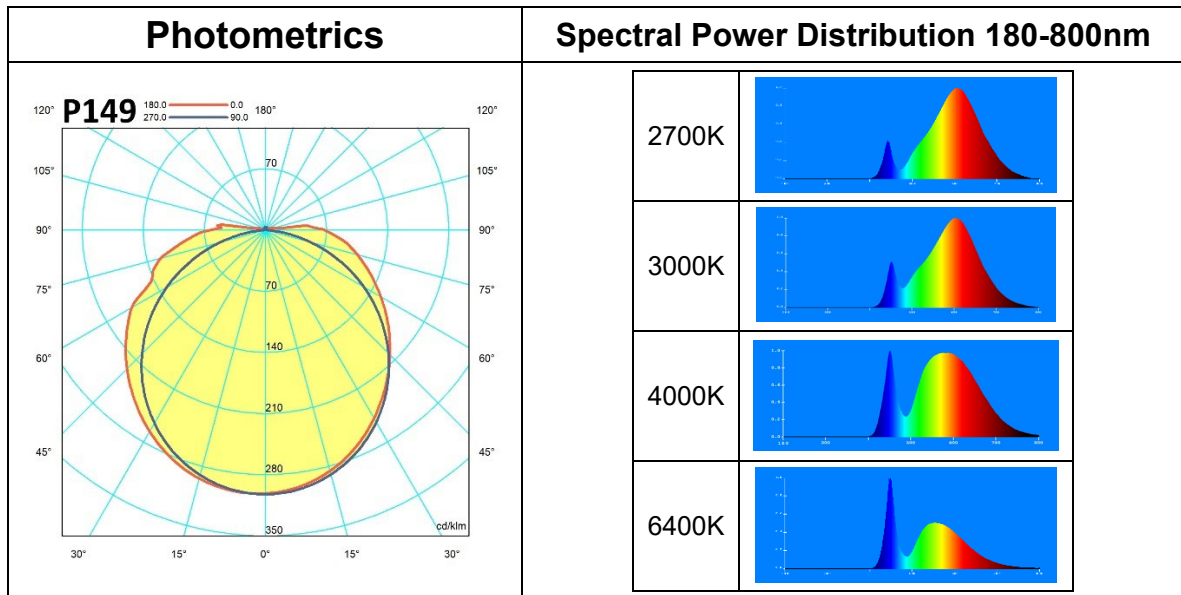
Code	TYPE	Finish	Code	TYPE
P10-0184-20 Id.10 114	M			Anodized SILVER
P10-0181-20 Id.10 113				Lacquered WHITE
P12-0934-01 Id.10 062		End cap in ABS		GREY
P12-0931-01 Id.10 061		End cap in ABS		WHITE
P12-0195-11 Id.10 052		End cap in Aluminium, without hole		SILVER
P12-0191-11 Id.10 050		End cap in Aluminium, without hole		WHITE
P12-0195-10 Id.10 051		End cap in Aluminium, with hole		SILVER
P12-0191-10 Id.10 049		End cap in Aluminium, with hole		WHITE
P10-0064-20 Id.10 156	F			Anodized SILVER
P10-0061-20 Id.10 157				Lacquered WHITE
P10-0034-20 Id.10 168	C			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		End cap in ABS		GREY
P12-0043-01 Id.10 173		End cap in ABS		Inox (BRONZE)
P12-0042-01 Id.10 174		End cap in ABS		BLACK
P12-0041-01 Id.10 175		End cap in ABS		WHITE

Profiles for surface mounting 3/3

Code	TYPE	Finish	Code	TYPE
P10-0014-20 Id.10 158	A			Anodized SILVER
P10-0013-20 Id.10 159				Anodized BRONZE
P10-0012-20 Id.10 160				Anodized BLACK
P10-0011-20 Id.10 161				Lacquered WHITE
P12-0014-01 Id.10 162		End cap in ABS		GREY
P12-0013-01 Id.10 163		End cap in ABS		Inox (BRONZE)
P12-0012-01 Id.10 164		End cap in ABS		BLACK
P12-0011-01 Id.10 165		End cap in ABS		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.