

LEDs-ON

... quality aluminum led profiles producer

EPOXY

UVA/UVB resistant lighting fixture with 5 years guarantee for homogeneity and equity of the colour of the resin

IP67, completely waterproof solution for outdoor use, great for wet environment applications. Resistant to all cleaning solvents proven in laboratory test results, including chlorine and salt water.

LED's are 100% safe, we have right equipment and right resin technology in place

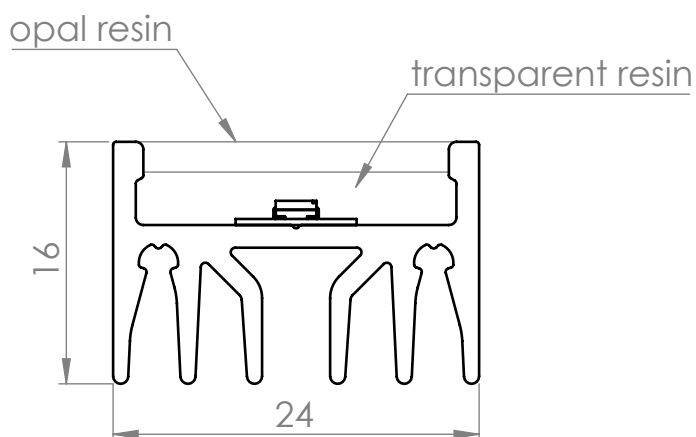
We create the "soft pillow" over the LED's with the soft transparent resin, so the contractions, stress and other harm forces which can be transmitted thru the frame can not damage the housing of the single led. This is why our solution is 100% safe and secure for the LED's. Our resin do not get into the chemical reaction with phosphor which is part of the less. The colour and light transmission ability depends of few aspects which can be modify by us according to customer demand and product limitations. International certificate CB and ENEC are pending.

Available Lengths

The product is length customised, that means we are prepare to produce and deliver the IP67 products up to 4990mm long units. OSRAM LED source as the guarantor of the quality, for that highly specialised product we have chosen Osram. We instal and supply products with Osram LED stripe inside. Customise options on the LEDs type and brand are available for future customers demand.

All connections are IP67

All connections are IP67 secure with dedicated sockets with IP67 rate. Cable is VDE certified. We offer extensions, t-connectors and spare sockets to finish your installation.



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TECHNICAL DATA	
Power Supply Voltage	24 [V]
Power Supply Type	Constant Voltage (DC)
Total power consumption	~9,7 [W/m]
Typical Luminous Flux	~850 [lm/m]
Typical Luminous Efficacy	~88 [lm/W]
LED stripe	 <p>The image displays three LED strips. On the left is a coiled TRIDONIC strip with a white PCB and yellow solder points. To the right are two straight OSRAM strips, one with a white PCB and one with a brown PCB, both featuring silver solder points. The TRIDONIC logo is in blue, and the OSRAM logo is in orange.</p>
LED quantity	120 [pcs/m]
Color temperature	2400 - 5000 [K]
CRI	>80
Dimmension (W x H)	16 x 24 [mm]
Length	max 4990 [mm]
Housing material	anodized aluminum
Filling material	polyurethane resin
End caps	aluminum casting
Operating temperature range	-30 [°C] ... +75 [°C]
Energy efficiency class	A++
Type of protection	IP67

AVAILABLE CONFIGURATIONS

ORDERING CODE	LEDs	Typ. colour temp. [K]	Power [W/m]
824SP	Osram Short Pitch 824, CRI>80	2400	9,7
827SP	Osram Short Pitch 827, CRI>80	2700	
830SP	Osram Short Pitch 830, CRI>80	3000	
840SP	Osram Short Pitch 840, CRI>80	4000	
850SP	Osram Short Pitch 850, CRI>80	5000	
ECO-827TR-SNC	Tridonic LLE FLEX 827, CRI>80	2700	5
ECO-830TR-SNC	Tridonic LLE FLEX 830, CRI>80	3000	
ECO-840TR-SNC	Tridonic LLE FLEX 840, CRI>80	4000	
PRO-927TR-EXC	Tridonic LLE FLEX 927, CRI>90	2700	11
PRO-930TR-EXC	Tridonic LLE FLEX 930, CRI>90	3000	
PRO-940TR-EXC	Tridonic LLE FLEX 940, CRI>90	4000	
LF3000-824	Osram FlexPower LF-3000 series 824	2400	29
LF3000-827	Osram FlexPower LF-3000 series 827	2700	24
LF3000-830	Osram FlexPower LF-3000 series 830	3000	
LF3000-840	Osram FlexPower LF-3000 series 840	4000	22
LR21P-W2F-830	Osram LINEARlight, rigid, aluminum base	3000	17
LR21P-W2F-840	Osram LINEARlight, rigid, aluminum base	4000	
C	Customize under client specification		

LEDs		Power				
EPOXY	824SP	O	9,7W	1	0.3	M

Finish

Length

Cable

Connector

ORDERING CODE	Finish
O	opal hard finish on top, soft transparent pillow over leds
T	transparent hard finish on top, soft transparent pillow over leds

ORDERING CODE	Connector
M	IP67 male connector
F	IP67 female connector
MF	IP67 male and female connector
SFE	single free end cable
DFE	double free end cable

ORDERING CODE	Available length [mm]
1	1000
2	2000
3	3000
4	4000
5	4990
0.3-...-5	Customize length up to 4990 mm

ORDERING CODE	Cable length [m]
0.3	300mm (2x1mm ²)
0.5	500mm (2x1mm ²)
1	1000mm (2x1mm ²)
2	2000mm (2x1mm ²)
3	3000mm (2x1mm ²)
C	Customize length of cable



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ACCESSORIES

1. IP68 connector



Product code	Description
IP69K-CON2P-M	male connector
IP69K-CON2P-F	female connector

2. Power feed cable 2x1mm² in black insulation



Product code	Description
CABLE-2P-1	1000mm long cable 2x1mm ² , free end in black insulation