AQUAFLEX 5

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

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

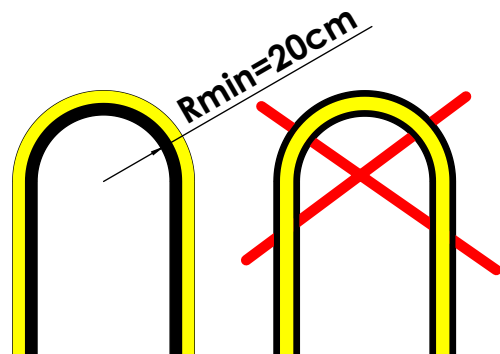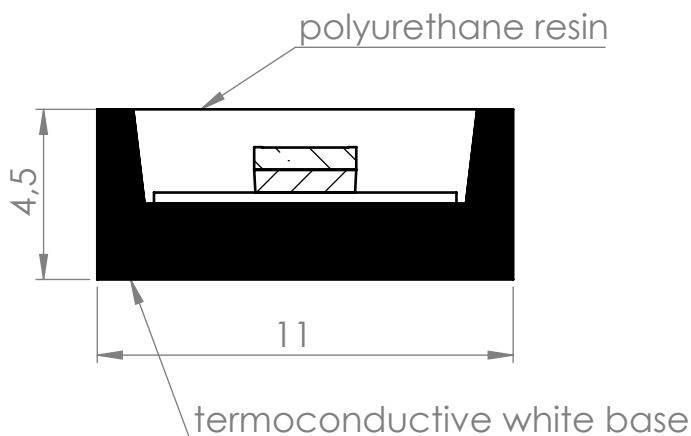**LED's are 100% safe, we have right equipment and right resin technology in place**

We create the "soft pilow" 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 4850mm 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.

polyurethane resin

4,5

11

termoconductive white base

Rmin=20cm

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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	LINEARlight FLEX ShortPitch OSRAM
LED quantity	120 [pcs/m]
Color temperature	2400 - 5000 [K]
CRI	>80
Dimmension (W x H)	12,5 x 12,5 [mm]
Length	max 4850 [mm]
Housing material	termoconductive white base
Filling material	polyurethane resin
Operating temperature range	-30 [°C] ... +75 [°C]
Energy efficiency class	A++
Type of protection	IP67
Application	accent illumination in architectural illumination, exhibition lighting, stairway illumination, illumination for bars, shipbuilding, and many more illumination for outdoor.

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LEDs-ON

... quality aluminum led profiles producer

AVAILABLE CONFIGURATIONS

ORDERING CODE	LEDs	Typ. colour temp. [K]	Power [W/m]
824SP	Osram Short Pitch 824, CRI>80	2400	
827SP	Osram Short Pitch 827, CRI>80	2700	
830SP	Osram Short Pitch 830, CRI>80	3000	9,7
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	
ECO-830TR-SNC	Tridonic LLE FLEX 830, CRI>80	3000	5
ECO-840TR-SNC	Tridonic LLE FLEX 840, CRI>80	4000	
PRO-927TR	Tridonic LLE FLEX 927, CRI>90	2700	
PRO-930TR	Tridonic LLE FLEX 930, CRI>90	3000	11
PRO-940TR	Tridonic LLE FLEX 940, CRI>90	4000	
LF05CA2-RGB	Osram RGB		

LEDs

AF5	840SP	44,5W/2060	O	5	IP67/M

Power/ Luminous

Finish

Length

Connection cable

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

ORDERING CODE	Available length [mm]
1	1000
2	2000
3	3000
4	4000
5	4850

ORDERING CODE	Cable length [m]
M	0.3m IP67 (male)
MF	0.3m IP67 (male/female)
F	0.3m IP67 (female)

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LEDs-ON

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1. Female connector with cable
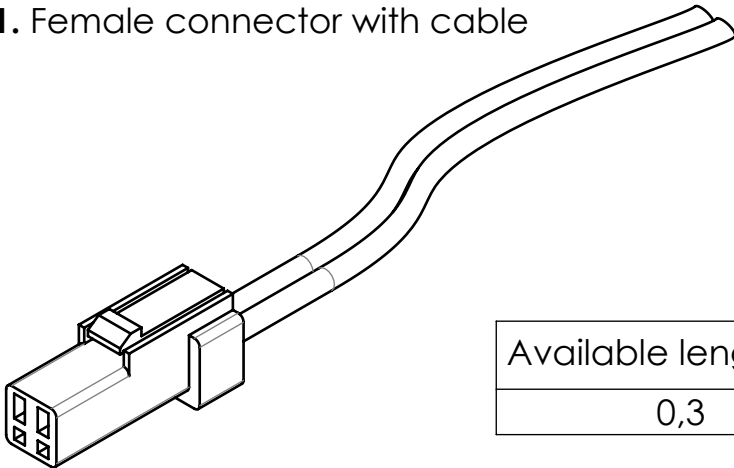
Available length [m]	Product code
0,3	IP67-CB2P-0,3F

2. End cup
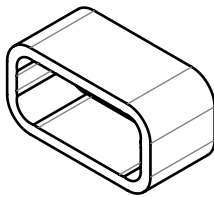
Product code	EC-AF5
Material	Termoconductive White
Colour	White

3. 3M Double sided mounting tape

Product code	TAPE-AQUAFLEX12
Colour	grey

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