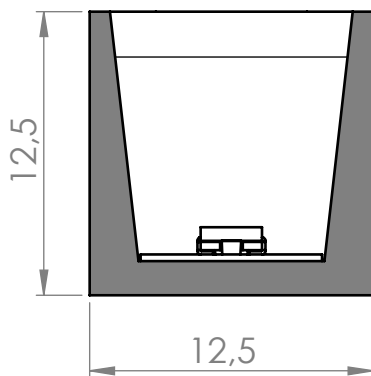


# LEDs-ON

... quality aluminum led profiles producer

## AQUAFLEX 12



### 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

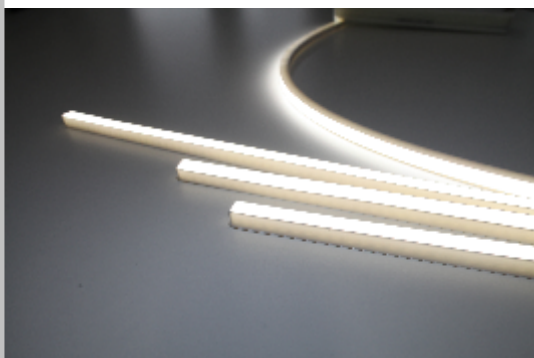
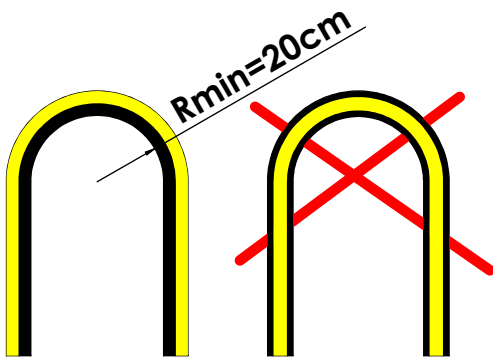
We create the "soft pillow" over the LED's with the soft transparent resin, so the contractions, stress and other harm forces which can be transmitted thru the frame can not damage the housing of the single led. This is why our solution is 100% safe and secure for the LED's. Our resin do not get into 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 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.



[www.ledson.eu](http://www.ledson.eu)

Przemysłowa 3 / 05-082 Blizne Laszczynskiego / POLAND / tel. (+48)725590651

\*All right reserved

1 / 4

TECHNICAL DATA	
<b>Power Supply Voltage</b>	24 [V]
<b>Power Supply Type</b>	Constant Voltage (DC)
<b>Total power consumption</b>	~9,7 [W/m]
<b>Typical Luminous Flux</b>	~850 [lm/m]
<b>Typical Luminous Efficacy</b>	~88 [lm/W]
<b>LED stripe</b>	LINEARlight FLEX ShortPitch 
<b>LED quantity</b>	120 [pcs/m]
<b>Color temperature</b>	2400 - 5000 [K]
<b>CRI</b>	>80
<b>Dimmension (W x H)</b>	12,5 x 12,5 [mm]
<b>Length</b>	max 4850 [mm]
<b>Housing material</b>	termoconductive white base
<b>Filling material</b>	polyurethane resin
<b>Operating temperature range</b>	-30 [°C] ... +75 [°C]
<b>Energy efficiency class</b>	A++
<b>Type of protection</b>	IP67
<b>Application</b>	accent illumination in architectural illumination, exhibition lighting, stairway illumination, illumination for bars, shipbuilding, and many more illumination for outdoor.

## AVAILABLE CONFIGURATIONS

ORDERING CODE	Available length [mm]	Total power consumption [W]	Typical Luminous Flux [lm]
1	1000	9,7	850
2	2000	19,4	1700
3	3000	29,1	2550
4	4000	38,8	3400
5	4850	46,9	4120

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

Finish

Length

<b>AQUAFLEX12</b>	<b>824SP</b>	<b>O</b>	<b>1</b>	<b>0.5</b>
-------------------	--------------	----------	----------	------------

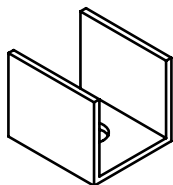
LEDs

Connection cable

ORDERING CODE	LEDs	Typ. colour temp. [K]
824SP	Osram Short Pitch 824	2400
827SP	Osram Short Pitch 827	2700
830SP	Osram Short Pitch 830	3000
840SP	Osram Short Pitch 840	4000
850SP	Osram Short Pitch 850	5000
824FP	Osram FlexPower LF-3000 series 824	2400
827FP	Osram FlexPower LF-3000 series 827	2700
830FP	Osram FlexPower LF-3000 series 830	3000
840FP	Osram FlexPower LF-3000 series 840	4000
850FP	Osram FlexPower LF-3000 series 850	5000
TWSP	Osram Tunable White Short Pitch	2400-5400
C	Customize under client specification	

ORDERING CODE	Cable length [m]
0.3m	0.3m IP67 (male)
0.3mf	0.3m IP67 (male/female)
0.5	0.5m free end
1	1m free end
1.5	1.5m free end
2	2m free end

## 1. Mounting bracket



Product code	MC-AF12-HOR
Material	Anodized Aluminum
Colour	Silver

## 2. End cup



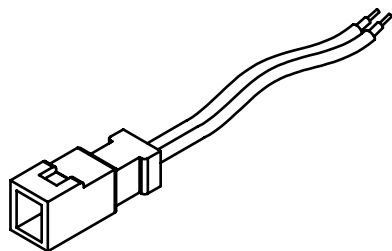
Product code	EC-AF12
Material	Termoconductive White
Colour	White

## 3. Linear connector



Product code	LC-AF12
Material	Termoconductive White
Color	White

## 4. Female connector with cable



Available length [m]	Product code
0,3	IP67-CB2P-0,3F
1	IP67-CB2P-1F