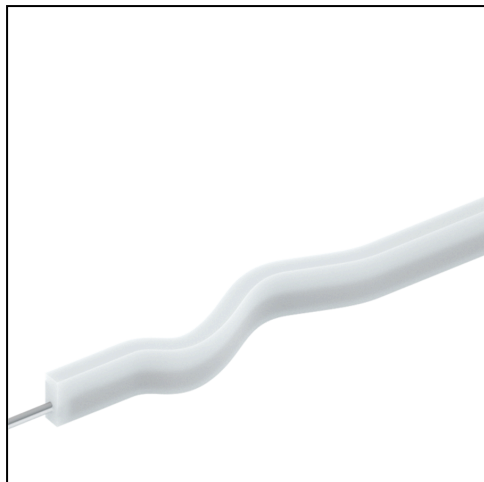


AMOR White Side View IP67

Area: **Outdoor Luminaires**

Category: **Flexible light lines**

Mounting: **Recessed, Mounting channel / Surface-mounted, Clips**



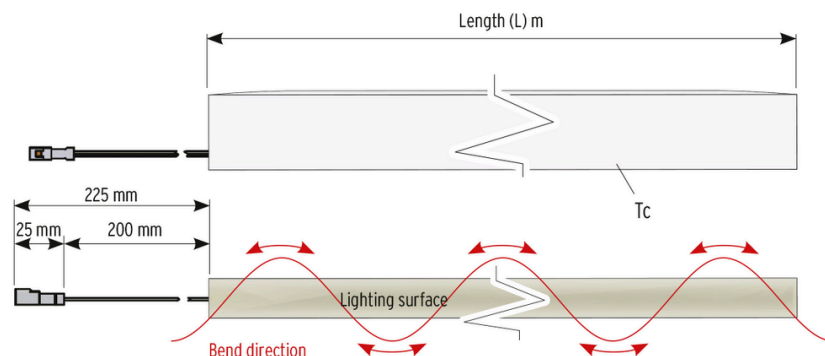
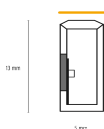
Slim, dot free and homogeneous light line for delicate contour lighting.

- Cross section of 5 mm x 13 mm, making it the most minimalistic product, which enables slim lines of light.
- Unmatched flexibility with a minimum bending radius of 3 cm.
- Dot free homogeneous light emission despite small footprints when recessed.

Detailed specification text in download section.

DIMENSIONS & AVAILABLE LENGTHS

5 mm x 13 mm



Tolerance +/- 5 mm
 200 mm IP67 plug in connector (male) on one end

Tc-point (Case temp.) on the rear side of the module



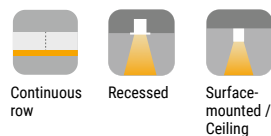
Fixture build to length (not field cuttable): $L = (N \times 25 \text{ mm}) + 16 \text{ mm}$; $N = 15 \dots 200$; $L_{\min} = 391 \text{ mm}$; $L_{\max} = 5,016 \text{ mm}$

TECHNICAL SPECIFICATIONS

Certifications



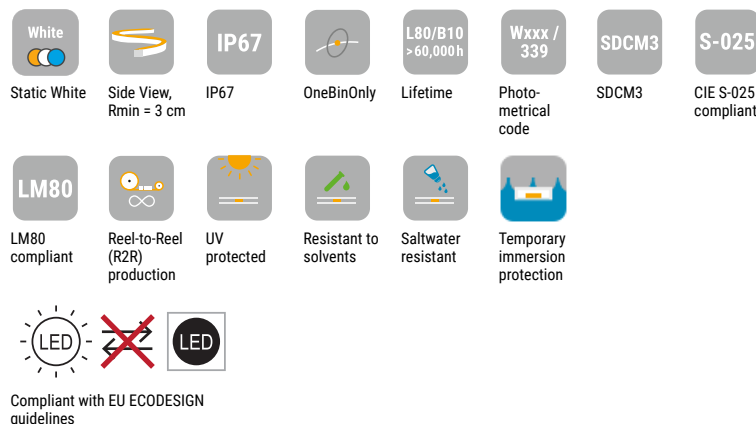
Family Key Features



Awards



Technical Data/Performance



ELECTRICAL & OUTPUT DATA

Voltage	24 Volt (23 V _{min} , 25 V _{max})
Housing temperature (T _{Cmin} & T _{Cmax})	T _{Cmin} = -25°C, T _{Cmax} = specific, see Table below
Storage Temperature (T _{Smin} & T _{Smax})	T _{Smin} = -30°C, T _{Smax} = 85°C
Ambient temperature (T _{Amin} & T _{Amax})	T _{Amin} = -25°C, T _{Amax} = specific, see Table below

Power (W/m)A	10
Power (W/m)A	10
max. efficacy (lm/W)A	64
max. length (m)	5.02
max. serial run length (m)	8.5
CRI / R9 (up to)	94 / 66
Temperature Tc-point (T _{Cmax})B	60°C
max. ambient temp. (T _{Amax})	40°C

low output		high output	
Color code / Color temperatureC		Luminaire lumens/meter* (lm/m)A	
580			
W927	2,900 K	580	
W930	3,200 K	600	
W935	3,800 K	620	
W940	4,300 K	635	

! To configure the specific luminaire please use the online configurator.

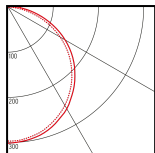
^AThe given data are typical values. Due to tolerances of the production process and the electrical components, photometric values and electrical power can vary up to 10%.

^BThe Tc-point should be measured in thermal equilibrium according to IEC EN 60598-1.

^CIn case of IP67 products, tolerances in the color temperature can occur.

AVAILABLE OPTICS

Polyurethane encapsulation



ORDER CODE

Example:

VarioLED Flex AMOR **W927** IP67

CONFIGURE NOW!

Options for the order
code:

Your selections ☒ :

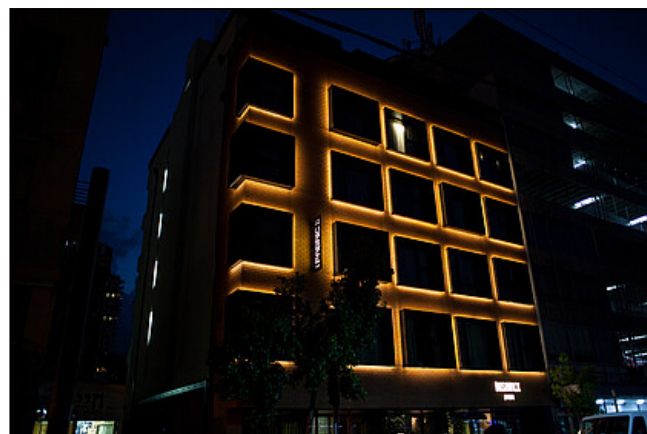
Color temperature

2,900 K — ☒ W927
 3,200 K — ☐ W930
 3,800 K — ☐ W935
 4,300 K — ☐ W940

Length

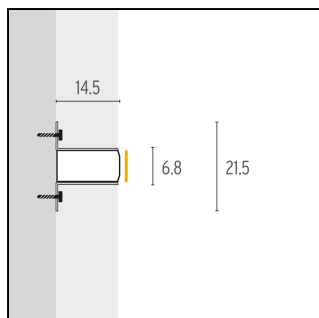
L_{min}: 15.4 in — ☒ 15.4
 L_{max}: 16,457 in — ☐ 16457

Fixture build to length (not field cuttable): $L = (N \times 25 \text{ mm}) + 16 \text{ mm}$; $N = 15 \dots 200$; $L_{\min} = 391 \text{ mm}$; $L_{\max} = 5,016 \text{ mm}$

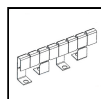


MOUNTING

1. Recessed, Mounting channel



Mounting accessories



AMOR SV Flexible Mounting Profile
 Art.-#: 10000527



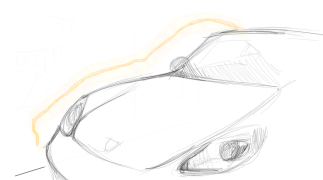
Dummy AMOR SV for Plastering 5m
 13.5 x 5.3 x 5000 mm
 Art.-#: 10000528-SCH-5M

Description

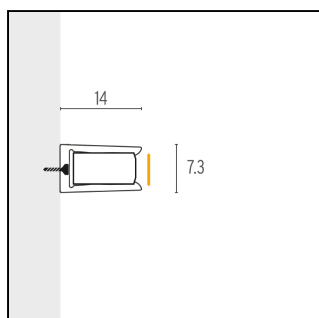
Flexible mounting profile (980 mm) for plaster in mounting. Dummy required (#10000528-SCH).

Dummy for AMOR SV Flexible mounting profile. Profile to be ordered separately, #10000527

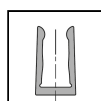
Example of application



2. Surface-mounted, Clips



Mounting accessories



VarioClip AMOR (Set of 10, incl. Screws)
 Fixation-Clip for AMOR with drilling
 Art.-#: 13000237

Description

Set of anodized aluminum clips with screws and screw anchor for surface mount application.

Example of application



If the luminaire shall be installed without our mounting accessories, please get in touch with us to check the compatibility of the mounting.

POWER SUPPLY UNIT (PSU) & CONTROLS

Recommended PSU

VarioPSU 24V/150W IP67, ON/OFF, Silver
Art.-#: 16000066



Dimensions (L x H x W): **228 mm x 38.8 mm x 68 mm**
Electrical Class: **SK I**
LED Drive: **CV**
Voltage (V): **24 V**
Rated Power (W): **150**
Input Voltage (Vac): **90 – 305**
Region: **WR**
Certificates: **ENEC, UL**
Schutzart: **IP67**
Indoor/Outdoor: **Outdoor**

Recommended Control

IN.finite™ DALI® DT6 2CH CV ULT
Art.-#: 16000268-DT6-ULT



Dimensions (L x H x W): **188 mm x 21 mm x 30 mm**
Channels: **2**
Dimming Options: **DALI**
Dimming: **PWM (f ~ 200 Hz)**
Dimming Curve: **Logarithmic**
Dimming Range: **100% – 0%**
Voltage (V): **12 – 50 V**
Certificates: **CE**
Schutzart: **IP20**
Indoor/Outdoor: **Indoor**

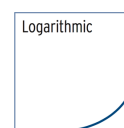
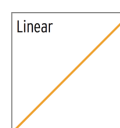
Recommended PSU

VarioPSU 24V/120W IP67, DALI, Black
Art.-#: 16000322



Dimensions (L x H x W): **191 mm x 37.5 mm x 63 mm**
Electrical Class: **SK II**
LED Drive: **CV**
Voltage (V): **24 V**
Rated Power (W): **120 W**
Input Voltage (Vac): **90 – 305**
Region: **WR**
Certificates: **ENEC, UL**
Schutzart: **IP67**
Indoor/Outdoor: **Outdoor**

Dimming



CABLING ACCESSORIES



VarioCon Female Mini Protection Cap Mono IP67

Art.-#: **15000218**

Required quantity:

VOLTAGE DROP INFORMATION FOR THE FEED-IN LINE (PSU / CONTROL TO FIXTURE)

0.34 mm² / AWG 22

AMOR White Side View IP67

HD10

Product run Length	max. cable length between PSU / Control unit and the luminaire
1 m	19.4 m
2 m	9.7 m
3 m	6.4 m
4 m	4.8 m
5 m	3.8 m
6 m	-
7 m	-

1.5 mm² / AWG 15

AMOR White Side View IP67

HD10

Product run Length	max. cable length between PSU / Control unit and the luminaire
1 m	85.6 m
2 m	42.8 m
3 m	28.5 m
4 m	21.4 m
5 m	17.1 m
6 m	-
7 m	-

Calculation refers to the cable configuration on site.

The information listed in the table is only refers to the conductor-based voltage drop of max. 0.85V at 24V DC input voltage.

Regarding the electromagnetic compatibility (EMC) the maximum cable length is defined by the power supply manufacturer.

A cable length between power supply and planned product longer than indicated by the datasheet of the power supply is possible. However the electromagnetic compatibility can then be influenced by the conditions of the installation site. There is no data on electromagnetic compatibility for longer cable lengths, which might lead to the necessity of an evaluation of the electromagnetic compatibility by a third party.

Datasheets and mounting instructions of the components in combination with the planned product must be carefully read and followed.