

TECHNICAL SPECIFICATIONS

Certifications



Awards



Family Key Features



Technical Data/Performance



Static White



IP67



Lifetime



OneBinOnly



Photometrical code



SDCM3



CIE S-025 compliant



LM80 compliant



Impact resistant



Reel-to-Reel (R2R)



UV protected



Resistant to solvents



Saltwater resistant



Temporary immersion protection



Compliant with EU ECODESIGN guidelines

ELECTRICAL & OUTPUT DATA

Voltage	24 Volt (23 V _{min} , 25 V _{max})
Case 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

ADONIS White High CRI HD IP67	HD6	HD10	HD15	HD25
Power (W/m) ^A	6	10	15	25
Efficacy (lm/W) ^A	67	67	69	72
max. length (m)	1.83	1.83	1.83	1.83
max. serial run length (m)	7.5	5.0	5.0	3.0
CRI / R9 (up to)	95 / 86	95 / 86	95 / 86	95 / 86
Temperature Tc-point (T _{cmax}) ^B	80°C	80°C	80°C	80°C
max. ambient temp. (T _{amax})	50°C	50°C	45°C	40°C

ADONIS White High CRI HD IP67		low output high output			
		HD6	HD10	HD15	HD25
Color temperature ^C		luminaire lumens/meter (lm/m) ^A			
Order Code	Delivered CCT				
● W821	2,100K	300	500	830	1270
● W825	W925 2,500K 2,500 K	290	500	810	1310
● W828	W928 2,800K 2,800 K	300	510	830	1350
● W832	W932 3,200K 3,200 K	310	520	850	1390
● W837	W937 3,700K 3,700 K	310	530	860	1400
● W845	4,500K	380	650	1060	1790

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

Please note: The orange values are CRI 90 specifications.

^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.

ORDER CODE

Example:

ADONIS NEXUS HD6 W821 0639 IP67

CONFIGURE NOW!

Options for the order code:

Your selections ☐ :

LED tape

- HD6 (6 W/m) ☐ HD6
- HD10 (10 W/m) ☐ HD10
- HD15 (15 W/m) ☐ HD15
- HD25 (25 W/m) ☐ HD25

Color temperature

- 2,100 K ☐ W821
- 2,500 K ☐ W825
- 2,800 K ☐ W828
- 3,200 K ☐ W832
- 3,700 K ☐ W837
- 4,500 K ☐ W845

Please note: The orange values are CRI 90 specifications.

Lengths

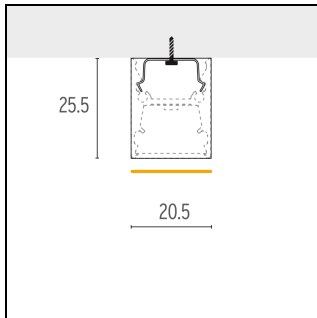
- 639 mm (2 clips recommended) ☐ 0639
- 952 mm (2 clips recommended) ☐ 0952
- 1264 mm (3 clips recommended) ☐ 1264
- 1514 mm (3 clips recommended) ☐ 1514
- 1827 mm (4 clips recommended) ☐ 1827

TYPICAL APPLICATIONS

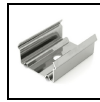


MOUNTING

1. Surface Mounting fixed horizontal



Mounting accessories

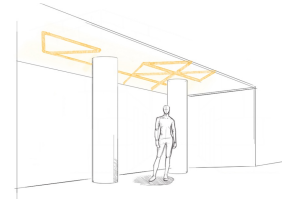


VarioClip 010 Set
Art.-#: 13000202

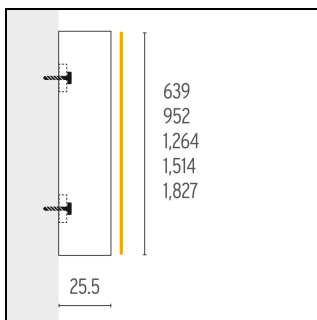
Description

Aluminum mounting clip with washer. Clips inside the fixture profile for invisible mounting. Use according to the mounting instruction

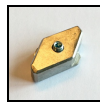
Example of application



2. Surface Mounting fixed vertical



Mounting accessories



Sliding block C010 Set. Incl. Screw
Art.-#: 13000287



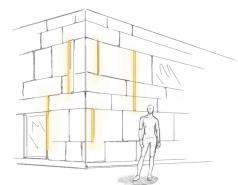
VarioClip 010 Set
Art.-#: 13000202

Description

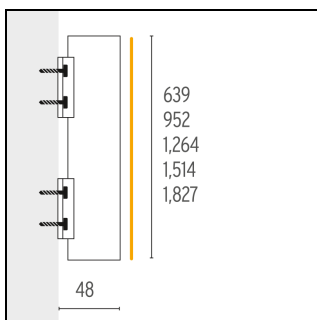
Metal mounting block with set screw for vertical applications. Install inside the fixture profile to stop the fixture from sliding. Recommended to use one mounting lock per fixture.

Aluminum mounting clip with washer. Clips inside the fixture profile for invisible mounting. Use according to the mounting instruction

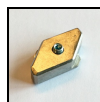
Example of application



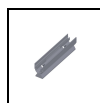
3. Surface Mounting adjustable



Mounting accessories



Sliding block C010 Set. Incl. Screw
Art.-#: 13000287



Adjustable Mounting Clip C007/C010 L140
silver - Length 140 mm
Art.-#: 13000265-SIL



Adjustable Mounting Clip C007/C010 L140
black - length 140 mm
Art.-#: 13000265-SCH

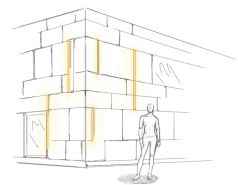
Description

Metal mounting block with set screw for vertical applications. Install inside the fixture profile to stop the fixture from sliding. Recommended to use one mounting lock per fixture.

140 mm silver adjustable mounting clip with a tilt of 60° to each side. Recommended to use one mounting lock (#13000287) per horizontal installation.

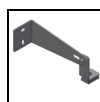
140 mm black adjustable mounting clip with a tilt of 60° to each side. Recommended to use one mounting lock (#13000287) per horizontal installation.

Example of application



4. Wall-mounted adjustable

Mounting accessories

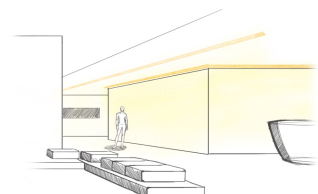


Contour 010 Adjustable Wall Mount Set
(+/- 60°) adjustable in both directions
Art.-#: 13000165

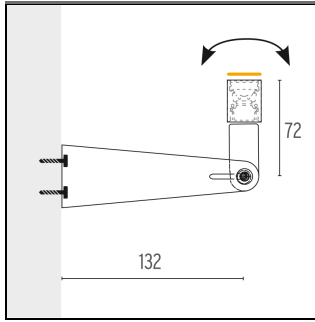
Description

Metal surface mounting adjustable wall arm. The set includes mounting block, mounting clip and adjusting screws. Tilts 140° in each direction and screw locks in position. Recommended to use for every 90 cm. Silver finish.

Example of application



ADONIS White High CRI HD IP67



POWER SUPPLY UNIT (PSU) & CONTROLS

Recommended PSU

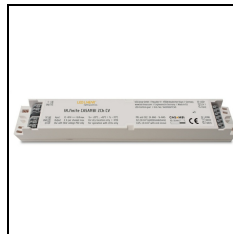
VarioPSU 24V/150W IP67, ON/OFF, Silver
Art.-#: 16000066



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 CASAMBI 2Ch CV
Art.-#: 16000267-EVO



Dimensions (L x H x W): **188 mm x 21 mm x 30 mm**
Channels: **2**
Dimming Options: **Casambi BLE**
Dimming: **PWM (f ~ 1600Hz)**
Dimming Curve: **Lin/Log/free conf.**
Dimming Range: **100% - 0%**
Voltage (V): **12-50V**
Certificates: **tbd**
Schutzart: **IP10**
Indoor/Outdoor: **Indoor**

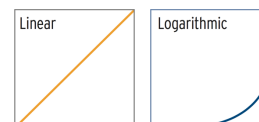
Recommended PSU

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 2 x 0.34 mm² 0.2 m IP67**Art.-#: **15000141**

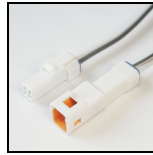
Required quantity: -

**VarioCon Female Mini 2x0,34mm² 2m IP67**Art.-#: **15000142**

Required quantity: -

**VarioCon Extension Mini 2 x 0.34 mm² 0.1 m IP67**Art.-#: **15000143**

Required quantity: -

**VarioCon Extension Mini 2x0,34mm² 2m IP67**Art.-#: **15000144**

Required quantity: -

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

0.34 mm² / AWG 22

ADONIS White High CRI HD IP67	HD6	HD10	HD15	HD25
Product run Length	max. cable length between PSU / Control unit and the luminaire			
1 m	32.3 m	19.4 m	12.9 m	7.7 m
2 m	16.1 m	9.7 m	6.4 m	3.8 m
3 m	10.7 m	6.4 m	4.3 m	2.5 m
4 m	8 m	4.8 m	3.2 m	-
5 m	6.4 m	3.8 m	2.5 m	-
6 m	5.3 m	-	-	-
7 m	4.6 m	-	-	-

1.5 mm² / AWG 15

ADONIS White High CRI HD IP67	HD6	HD10	HD15	HD25
Product run Length	max. cable length between PSU / Control unit and the luminaire			
1 m	142.8 m	85.6 m	57.1 m	34.2 m
2 m	71.4 m	42.8 m	28.5 m	17.1 m
3 m	47.6 m	28.5 m	19 m	11.4 m
4 m	35.7 m	21.4 m	14.2 m	-
5 m	28.5 m	17.1 m	11.4 m	-
6 m	23.8 m	-	-	-
7 m	20.4 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.