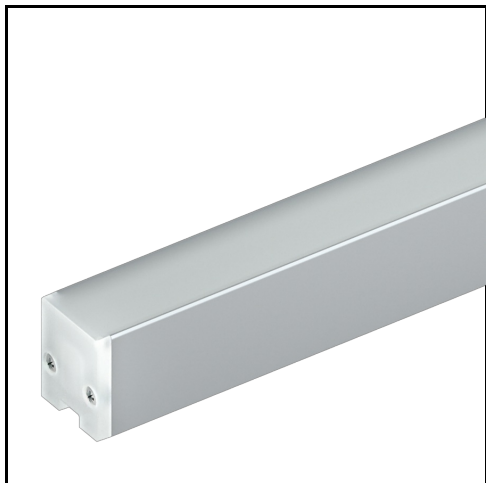


ADONIS RGB HD IP67

Area: **Outdoor Luminaires**
 Category: **Rigid light lines**
 Mounting: **Surface Mounting fixed horizontal / Surface Mounting fixed vertical / Surface Mounting adjustable / Wall-mounted adjustable**



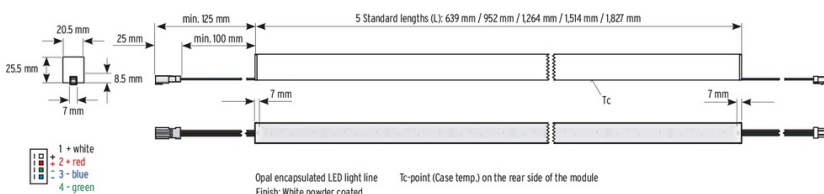
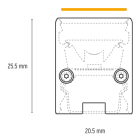
Compact and robust dot free luminaire that is a rigid equivalent to VENUS with cable groove on its backside. It fascinates with a simple installation with internal mounting clips for recessed or surface-mount without visible light joints and connections.

- High protection against vandalism thanks to a robust, powder-coated aluminum profile with an IK10 rating.
- Polyurethane is utilized in ADONIS to make it more resistant to impact from salt water UV-light and solvents.
- The translucent end caps combined with smart cabling and mounting management operated on the back grove the profile enables infinite light lines without dark or hot spots.

Detailed specification text in download section.

DIMENSIONS & AVAILABLE LENGTHS

20.5 mm x 25.5 mm



5 Standard lengths (L): 639 mm / 952 mm / 1,264 mm / 1,514 mm / 1,827 mm

TECHNICAL SPECIFICATIONS

Certifications



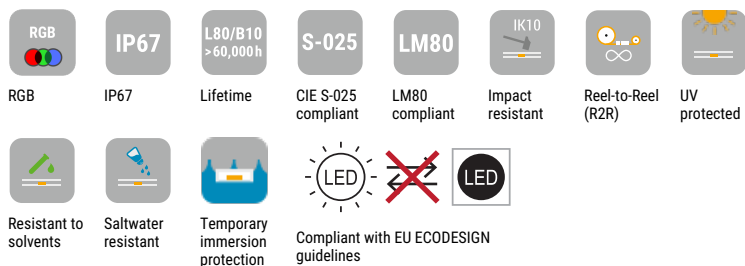
Awards



Family Key Features



Technical Data/Performance



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 RGB HD IP67	HD20
Power (W/m) ^A	20
Efficacy (lm/W) ^A	23
max. length (m)	1.83
max. serial run length (m)	4.0
Temperature Tc-point (T _{cmax}) ^B	70°C
max. ambient temp. (T _{amax})	45°C

ADONIS RGB HD IP67		HD20	
Color temperature ^C	Color	luminaire lumens/meter (lm/m) ^A	
● RGB Red (R)	622	100	
● RGB Green (G)	532	280	
● RGB Blue (B)	466	70	
Total		450	

! 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.

ORDER CODE

Example:

ADONIS RGB **HD20/0639** IP67

CONFIGURE NOW!

Options for the order code:

Your selections ☒ :

LED tape

HD20 (20 W/m) ☒ HD20

Lengths

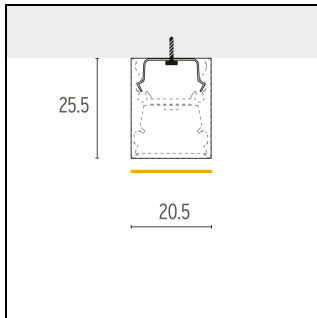
639 mm (2 clips recommended) ☒ 0639952 mm (2 clips recommended) ☒ 09521264 mm (3 clips recommended) ☒ 12641514 mm (3 clips recommended) ☒ 15141827 mm (4 clips recommended) ☒ 1827

TYPICAL APPLICATIONS

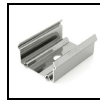


MOUNTING

1. Surface Mounting fixed horizontal



Mounting accessories

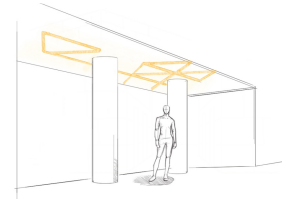


VarioClip 010 Set
Art.-#: 13000202

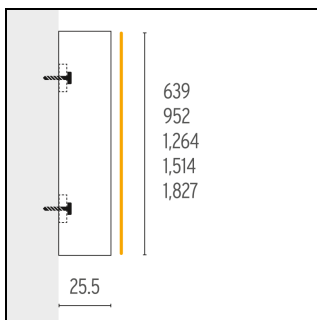
Description

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

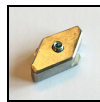
Example of application



2. Surface Mounting fixed vertical



Mounting accessories



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



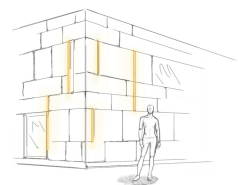
VarioClip 010 Set
Art.-#: 13000202

Description

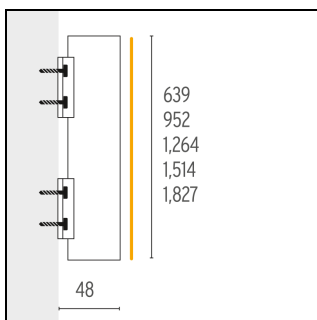
Metal mounting block with set screw for vertical applications. Install inside the fixture profile to stop the fixture from sliding. Recommended to use one mounting lock per fixture.

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

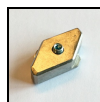
Example of application



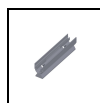
3. Surface Mounting adjustable



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

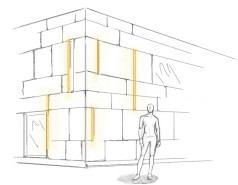
Description

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.

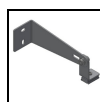
140 mm black adjustable mounting clip with a tilt of 60° to each side. Recommended to use one mounting lock (#13000287) per horizontal installation.

Example of application



4. Wall-mounted adjustable

Mounting accessories

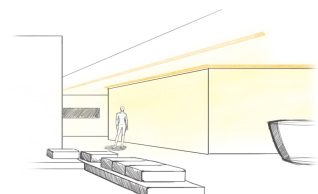


Contour 010 Adjustable Wall Mount Set
(+/- 60°) adjustable in both directions
Art.-#: 13000165

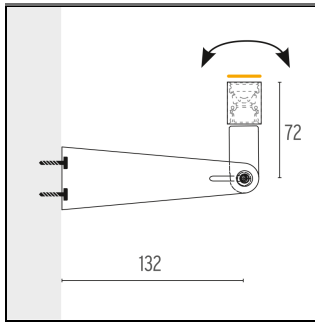
Description

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 RGB 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

VarioControl LinearDrive 180
Art.-#: 16000057



Dimensions (L x H x W): **153 mm x 23 mm x 50 mm**
Channels: **4**
Dimming Options: **DMX, 1-10V**
Dimming: **PWM (f ~ 1200Hz)**
Dimming Curve: **Linear/Logarithmic**
Dimming Range: **100% - 0%**
Voltage (V): **12-28V**
Certificates: **ENEC/UL/KEMA**
Schutzart: **IP10**
Indoor/Outdoor: **Indoor**

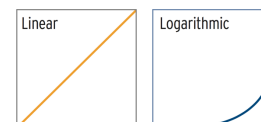
Recommended PSU

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

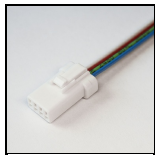


Dimensions (L x H x W): **191 mm x 37.5 mm x 63 mm**
Electrical Class: **SK II**
LED Drive: **CV**
Voltage (V): **24 V**
Rated Power (W): **120 W**
Input Voltage (Vac): **90 – 305**
Region: **WR**
Certificates: **ENEC, UL**
Schutzart: **IP67**
Indoor/Outdoor: **Outdoor**

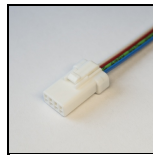
Dimming



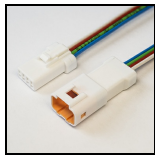
CABLING ACCESSORIES



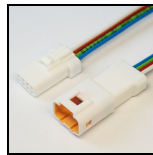
VarioCon Female Mini 4x0,25mm² 0,2m IP67
 Art.-#: **15000201**
 Required quantity: -



VarioCon Female Mini 4x0,25mm² 2m IP67
 Art.-#: **15000202**
 Required quantity: -



VarioCon Extension Mini 4x0,25mm² 0,1m IP67
 Art.-#: **15000203**
 Required quantity: -



VarioCon Extension Mini 4x0,25mm² 2m IP67
 Art.-#: **15000204**
 Required quantity: -

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

0.34 mm² / AWG 22

ADONIS RGB HD IP67

HD20

Product run Length	max. cable length between PSU / Control unit and the luminaire
1 m	9.7 m
2 m	4.8 m
3 m	3.2 m
4 m	2.4 m

1.5 mm² / AWG 15

ADONIS RGB HD IP67

HD20

Product run Length	max. cable length between PSU / Control unit and the luminaire
1 m	42.8 m
2 m	21.4 m
3 m	14.2 m
4 m	10.7 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.