

# INSTALLATION GUIDE

## HOT 24V BAR

Exclusive document for product installation and assembly



### 1. SAFETY PRECAUTIONS



#### ! CAUTION

The equipment must be installed by a certificated technician.

The electrical installation must respect the technical rules.

Install only indoors.

Switch off the electrical power before making any connection.

Respect the indicated voltage and installation procedure.

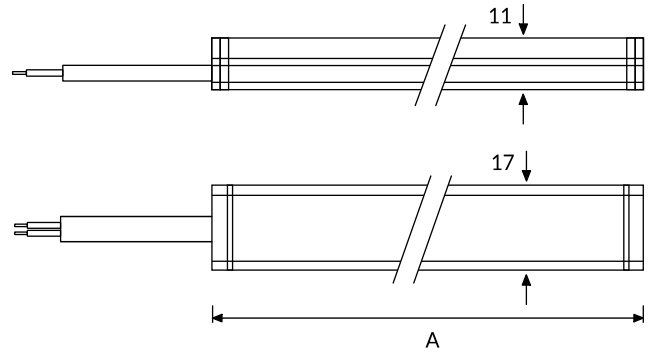
**End-of-life:** Don't discard as unsorted waste. Send to a WEEE (Waste, Disused Electrical and Electronic Equipment) collection point.

### 2. ACCESSORIES



180° fixing clip

### 3. DIMENSIONS (mm)



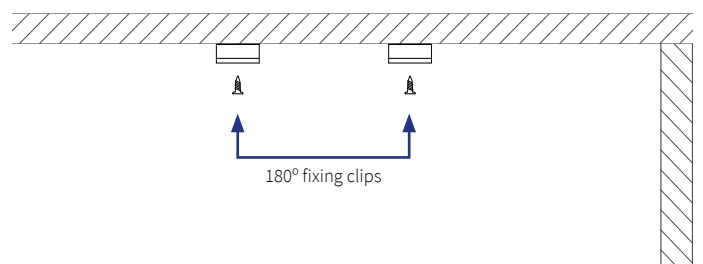
SIZE	A
10	108
17	183
25	258
30	333
40	408
47	483
55	558
60	633
70	708
80	783
85	858
90	933
100	1008
105	1083
115	1158
120	1233
130	1308

SIZE	A
140	1383
145	1458
150	1533
160	1608
170	1683
175	1758
180	1833
190	1908
195	1983
200	2058
210	2133
220	2208
225	2283
230	2358
240	2433
247	2508

### 4. INSTALLATION PROCEDURE

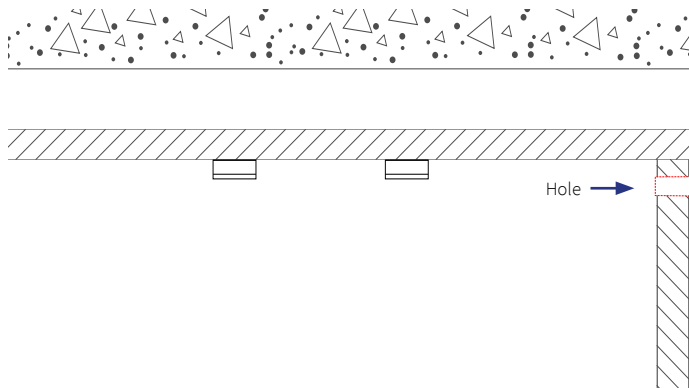
#### 4.1 INSTALL FIXING CLIPS

Fix the 180° fixing clips to the ceiling or chosen surface.  
Maximum distance between fixing clips: 60 cm.



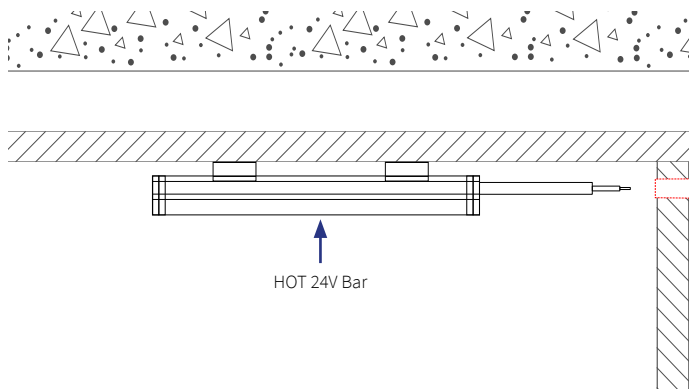
## 4.2 HOLE FOR POWER CABLE

Make a hole for the power cable to pass through.



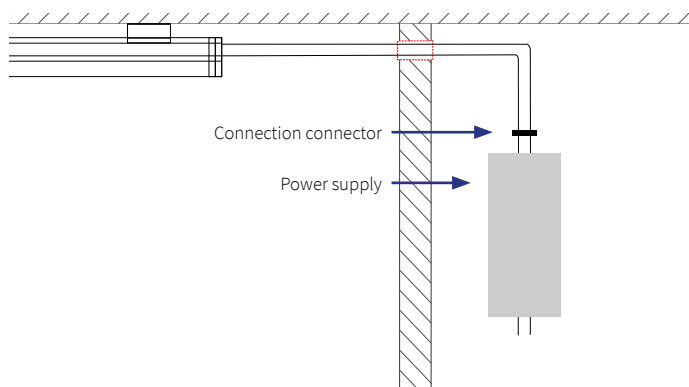
## 4.3 FIX THE BAR TO THE CLIPS

Attach the bar to the fixing clips.



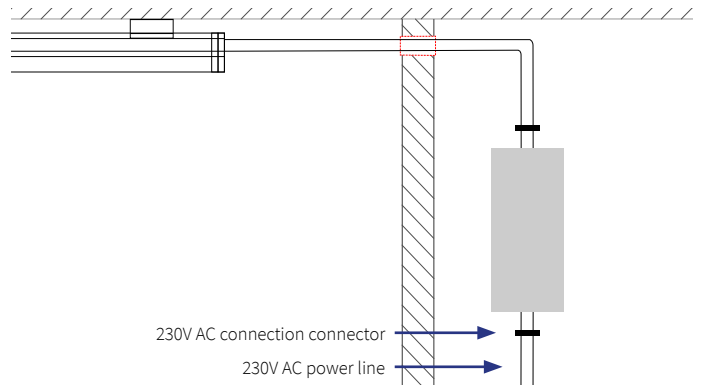
## 4.4 CONNECT THE CABLE TO THE POWER SUPPLY

The connection connector must meet the appropriate electrical requirements for the intended purpose.



## 4.5 CONNECT POWER SUPPLY TO ELECTRICAL NETWORK

The connection connector must meet the appropriate electrical requirements for the intended purpose.



### Power Supply

Use a constant voltage power supply for LED modules, 24V DC output, insulation class 2, SELV, certified according to EN61347 standards for Europe and UL8750 for USA.

## 5. GENERAL INFORMATION



### CE marking

Product in accordance with the Council directive 2004/108/CE concerning the Electromagnetic Compatibility and the Council directive 2006/95/CE for low-tension equipment.



### UE 2011/65/EU

Product complies with the directive that restricts the use of hazardous substances in electrical and electronic equipment.



Test procedure for LED that aims to determine the depreciation of the luminous flux over time.



The product must not be disposed of as unsorted waste, it must be sent to separate collection facilities for recovery and recycling.



Equipment suitable for indoor use.



Equipment suitable for outdoor use.



24V Direct current



Alternating current



Safety Extra-Low Voltage. The circuit is designed and protected that, during proper operation or in the event of a single fault, voltages do not exceed values considered safe.

### Appliance classes

Protection against electric shock due to physical contact with the electrical part of the equipment.



#### Class I

The equipment must be connected to earth through a protective conductor (PE), usually coloured green or green and yellow.



#### Class II

The equipment has double insulation, eliminating the necessity of the protective conductor (PE).



#### Class III

The equipment uses a reduced voltage level and there is no risk of electric shock under normal conditions.

### IP Code

Assesses the degree of protection against intrusion, dust, accidental contact and water according to IEC 60529.



The IP code consists of 2 digits, the first relating to solid particles and the second to the presence of water.

<b>IP0X</b>	Not protected
<b>IP1X</b>	Solids $\geq$ 50 mm diameter
<b>IP2X</b>	Solids $\geq$ 12,5 mm diameter
<b>IP3X</b>	Solids $\geq$ 2,5 mm diameter
<b>IP4X</b>	Solids $\geq$ 1 mm diameter
<b>IP5X</b>	Dust
<b>IP6X</b>	Dust proof
<b>IPX0</b>	Not protected
<b>IPX1</b>	Dripping water
<b>IPX2</b>	Dripping water when tilted up to 15°
<b>IPX3</b>	Water spray
<b>IPX4</b>	Water splash
<b>IPX5</b>	Water jets
<b>IPX6</b>	Powerful water jets
<b>IPX7</b>	Immersion up to 1m for 30min
<b>IPX8</b>	Continuous immersion in water