INSTALLATION GUIDE

DCJ I45 24V BAR

Exclusive document for product installation and assembly

1. SAFETY PRECAUTIONS

CE RoHS LM80 IP64 III 24V

CAUTION

Maximum installation length: 4 metres

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

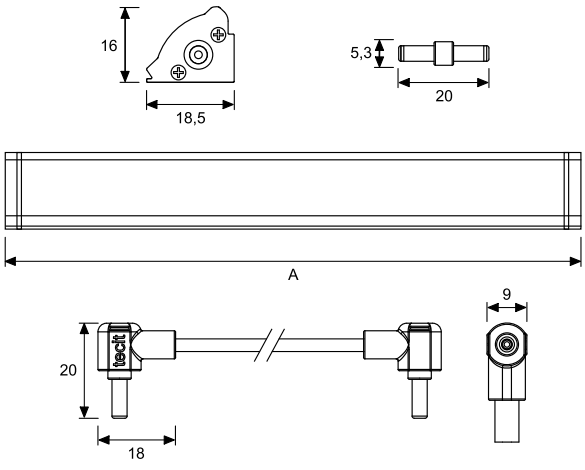
Polycarbonate clip

DCJ 1.3 interconnection cable

DCJ 1.3 interconnection connector

Silicone cap for DCJ 1.3

3. DIMENSIONS (mm)



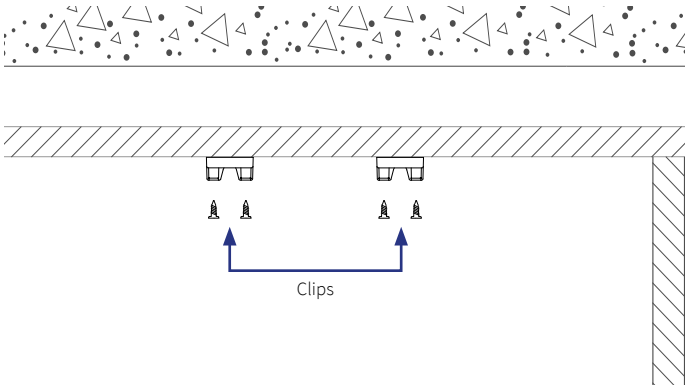
SIZE	A
10	116
17	191
25	266
30	341
40	416
47	491
55	566
60	641
70	716
80	791
85	866
90	941
100	1016
105	1091
115	1166
120	1241
130	1316

SIZE	A
140	1391
145	1466
150	1541
160	1616
170	1691
175	1766
180	1841
190	1916
195	1991
200	2066
210	2141
220	2216
225	2291
230	2366
240	2441
247	2516

4. INSTALLATION PROCEDURE

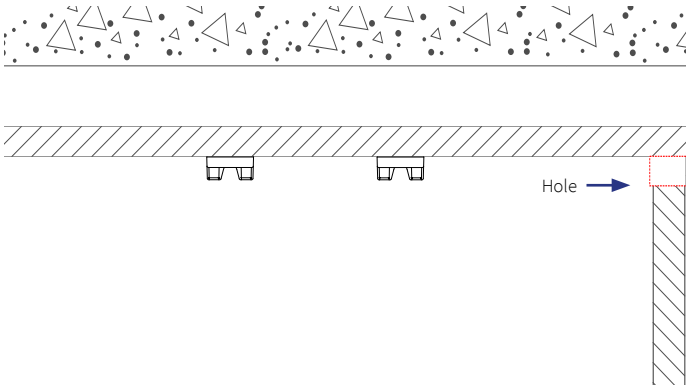
4.1 INSTALL FIXING CLIPS

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



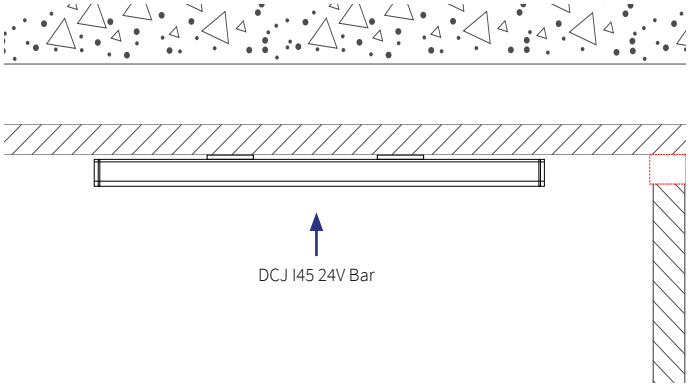
4.2 HOLE FOR POWER CABLE

Make a hole for the power cable to pass through.



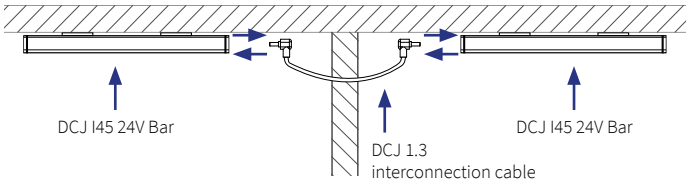
4.3 FIX THE BAR TO THE CLIPS

Attach the bar to the fixing clips.



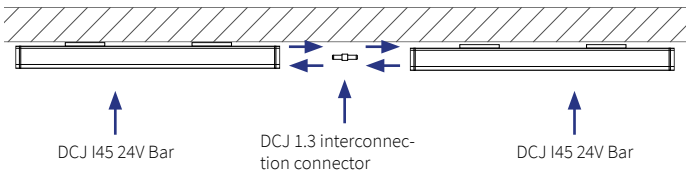
4.5 BAR INTERCONNECTION WITH INTERCONNECTION CABLE (OPTIONAL)

In installations with two or more bars, it is possible to interconnect the bars through the interconnection cable.



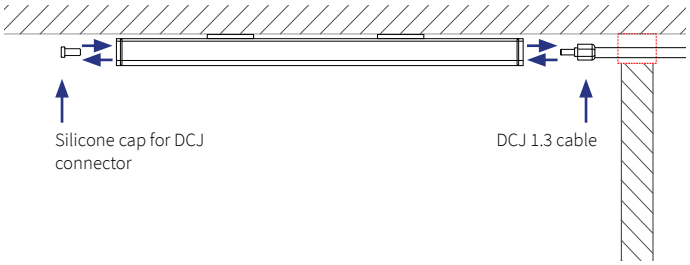
4.5 BAR INTERCONNECTION WITH INTERCONNECTION CONNECTOR (OPTIONAL)

In installations with two or more bars, it is possible to interconnect the bars through the interconnection connector.



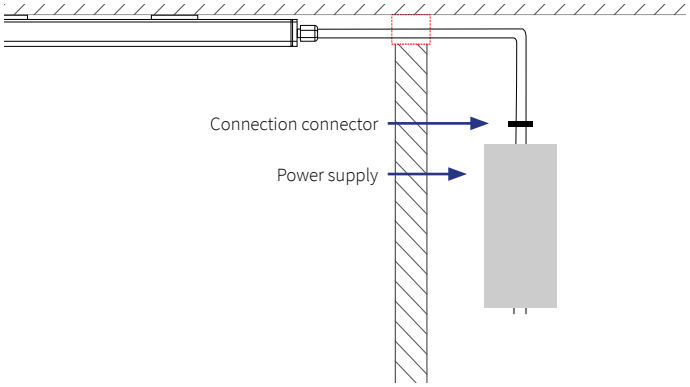
4.6 CONNECT THE POWER CABLE AND INSTALL THE SILICONE CAP

Placing the silicone cap on the C1MB connector at the end of the bar. Maximum distance from power supply to the bar: 2.5 m.



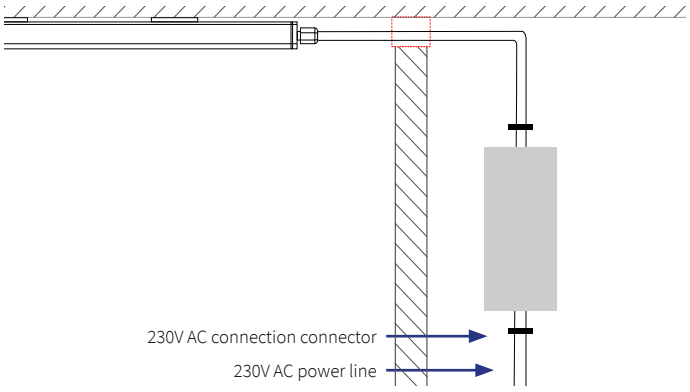
4.7 CONNECT THE CABLE TO THE POWER SUPPLY

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



4.8 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.

IP0X Not protected
IP1X Solids ≥ 50 mm diameter
IP2X Solids ≥ 12,5 mm diameter
IP3X Solids ≥ 2,5 mm diameter
IP4X Solids ≥ 1 mm diameter
IP5X Dust
IP6X Dust proof

IPX0 Not protected
IPX1 Dripping water
IPX2 Dripping water when titled up to 15°
IPX3 Water spray
IPX4 Water splash
IPX5 Water jets
IPX6 Powerful water jets
IPX7 Immersion up to 1m for 30min
IPX8 Continuous immersion in water