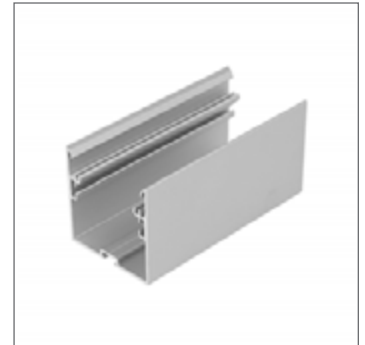




INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- The main power connection must be in accordance with local electrical codes.
- Unauthorized alterations or tampering of product voids warranty.
- Suitable for INDOOR applications.



IPXX

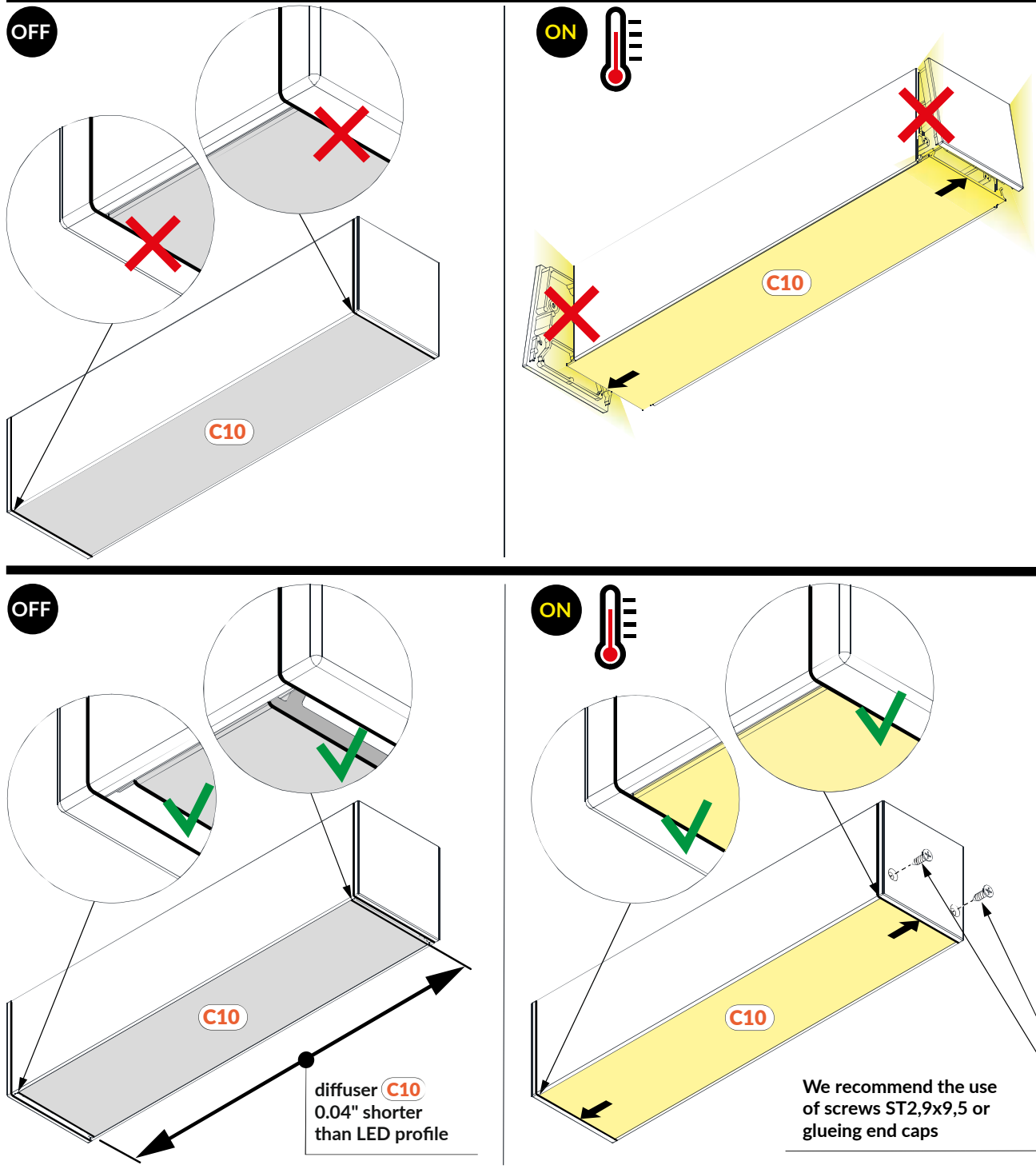
ATTENTION: For Surface - It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements.

Maintenance

Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the ballast, driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

NOTE!





max 1.29"



suspended



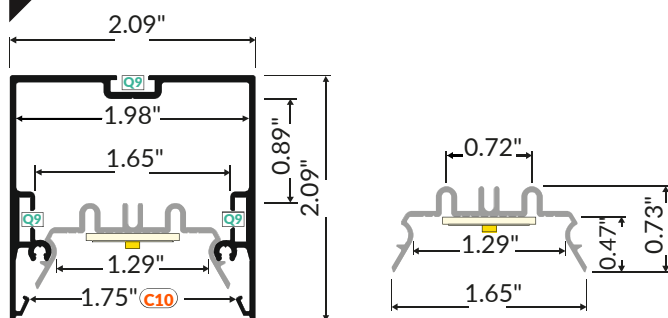
surface



lighting

1

DIMENSIONS



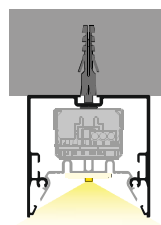
LED profile PHIL.v2
complementary profile PHIL.v2

2

MOUNTING

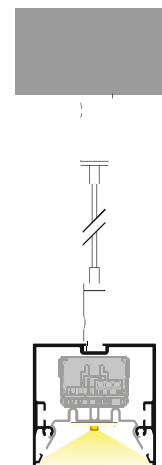
A

Surface mounting

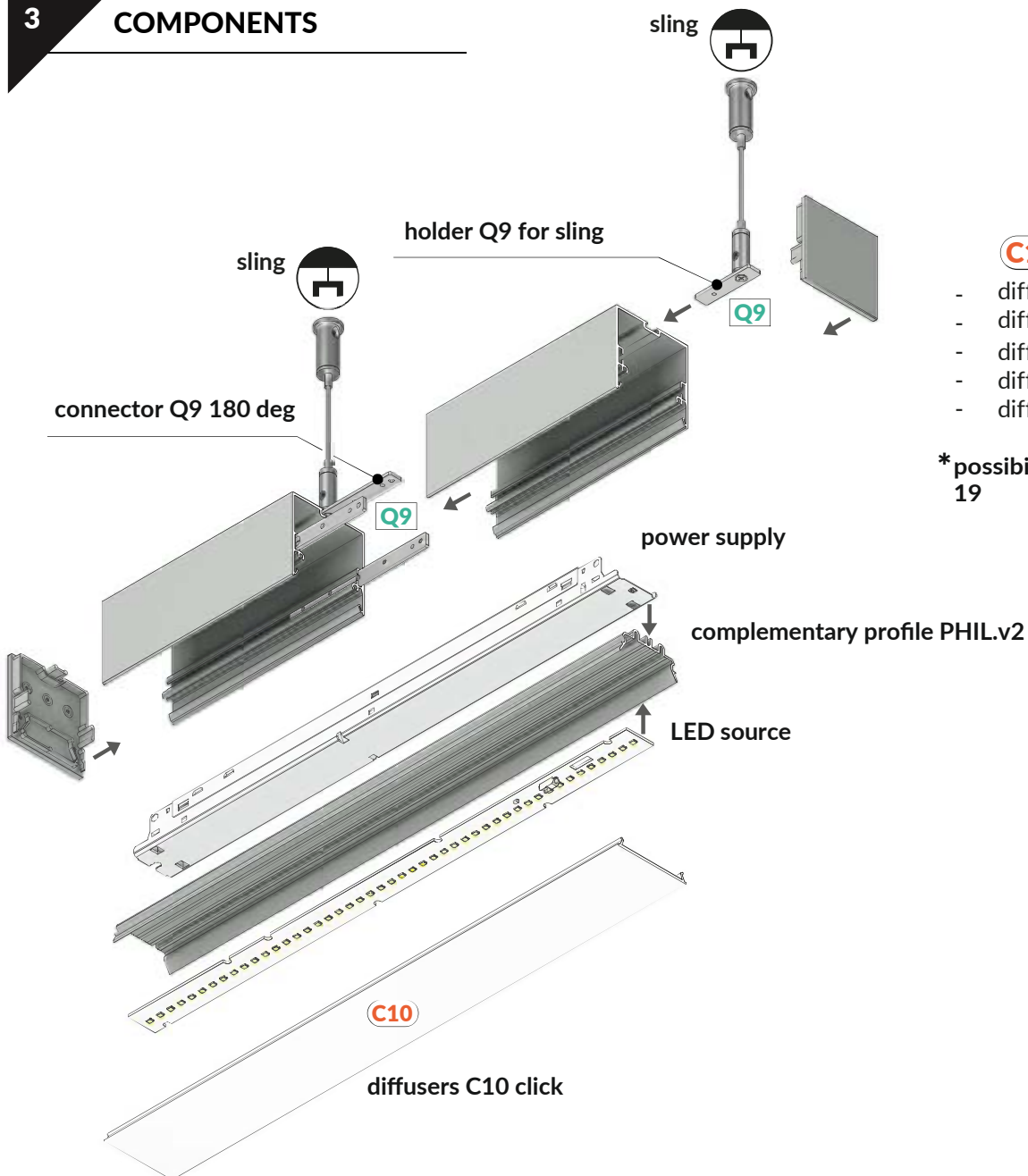


B

Suspended mounting



3 COMPONENTS



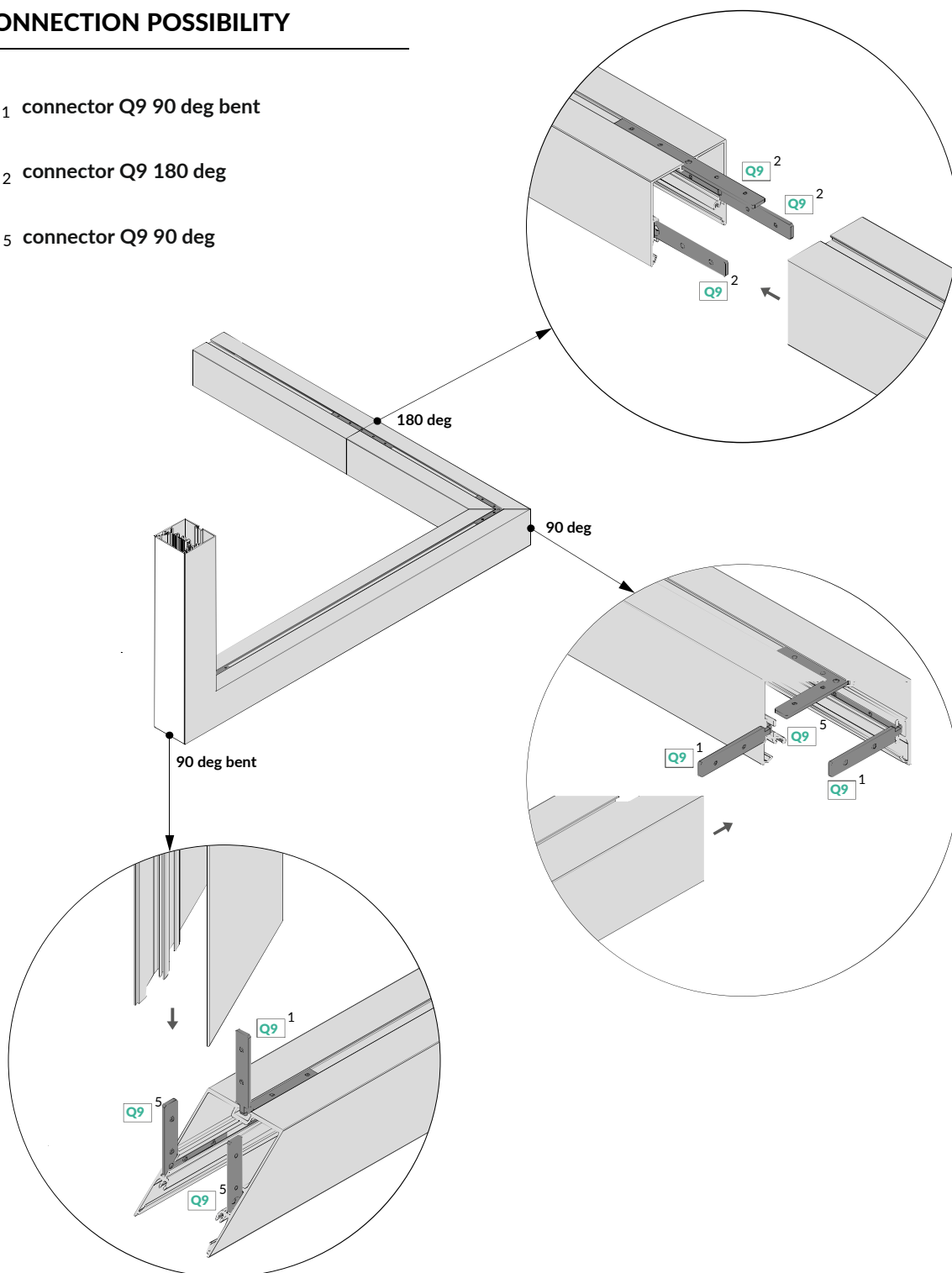
C10

- diffuser C10 PRO*click
- diffuser C10 NARROW*click
- diffuser C10 OPAL click
- diffuser C10 WIDE click
- diffuser C10 BASIC click

*possibility of obtaining a UGR ≤ 19

4 CONNECTION POSSIBILITY

-  1 connector Q9 90 deg bent
-  2 connector Q9 180 deg
-  5 connector Q9 90 deg





electric saw



allen key



screwdriver



drill



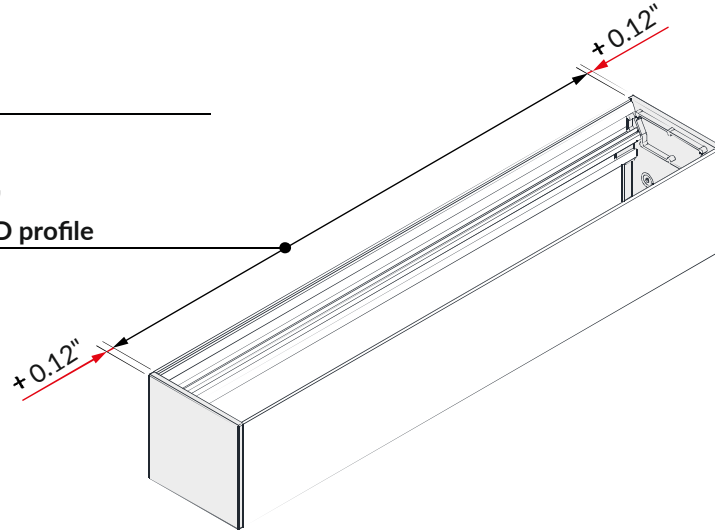
Mounting must be performed by an appropriately qualified person.
Mounting must be performed with the 120-277VAC power supply disconnected



LENGTHS

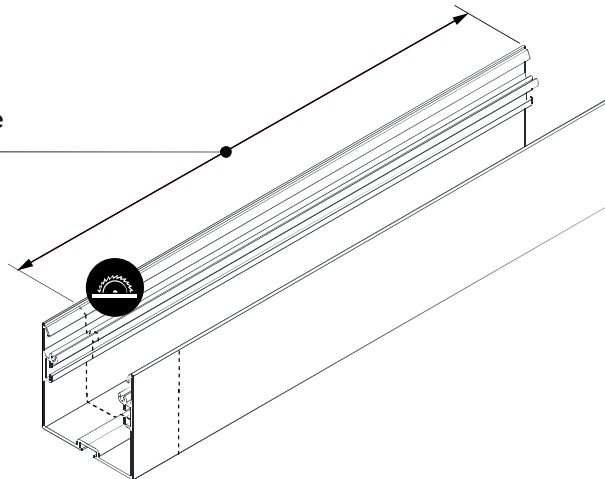
5.1

luminaire 0.24"
longer than LED profile



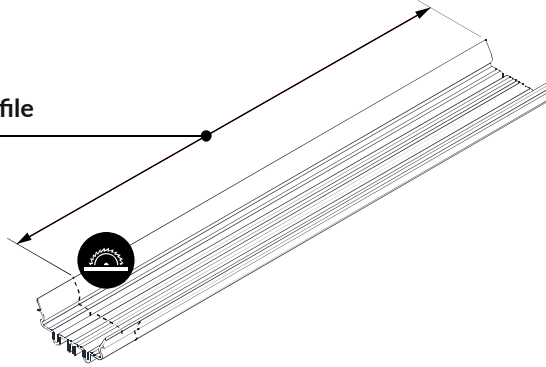
5.2

length of the LED profile



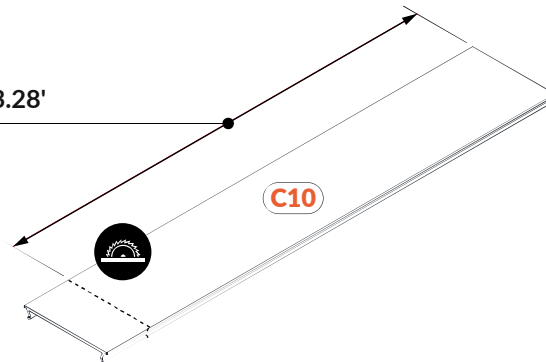
5.3

complementary profile
0.20" shorter than LED profile



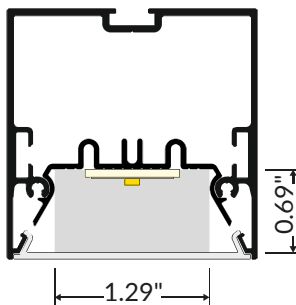
5.4

diffuser **C10** 0.04"
shorter than LED profile /3.28'



6

DIMENSIONS OF THE SPACE TO INSTALL LED SOURCE



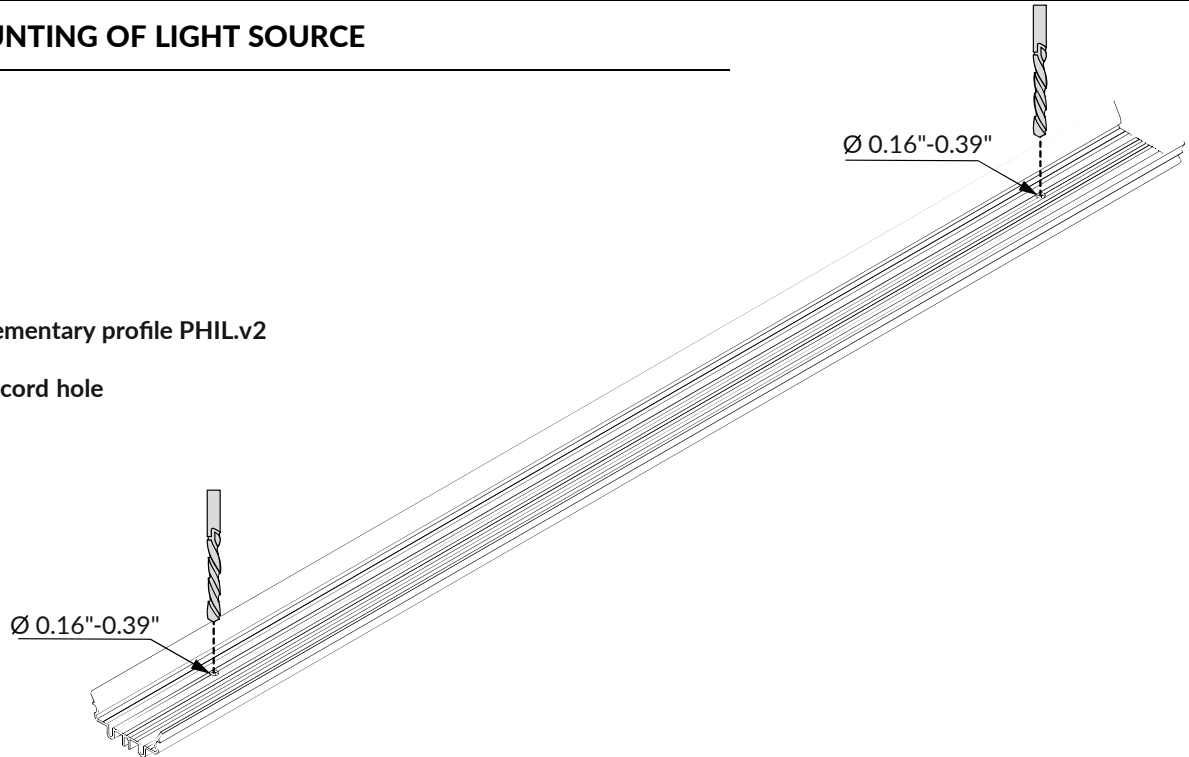
MOUNTING OF LIGHT SOURCE

7.1



complementary profile PHIL.v2

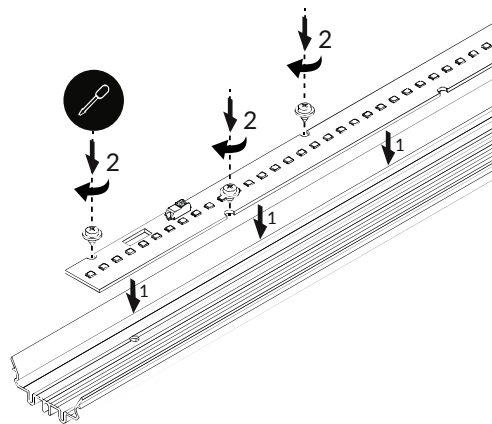
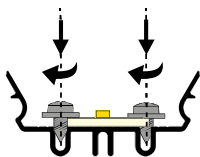
power cord hole



7.2

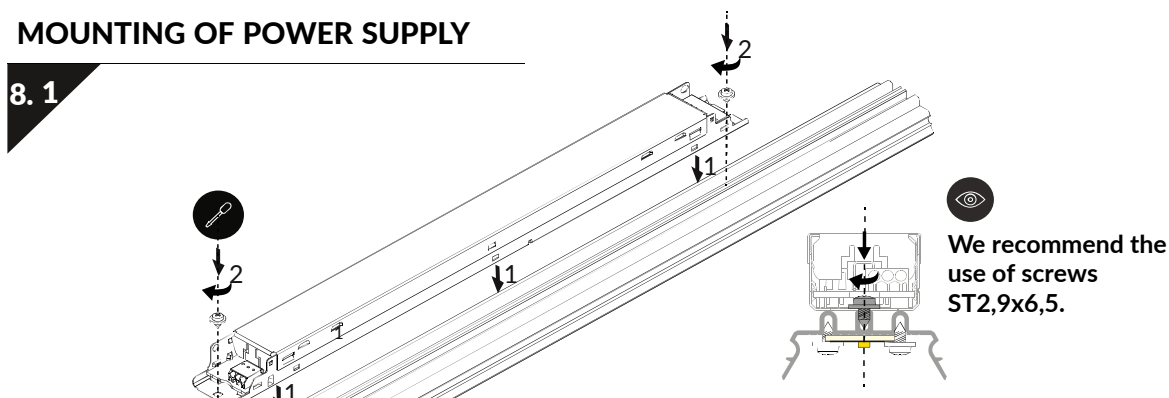


We recommend
the use of screws ST2,9x6,5.

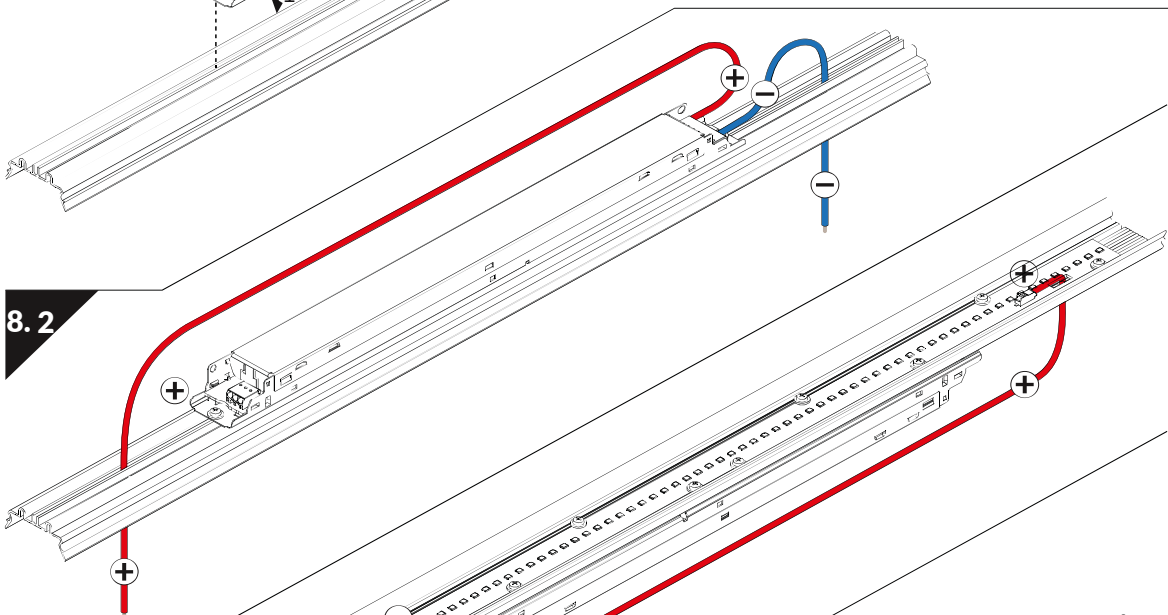


MOUNTING OF POWER SUPPLY

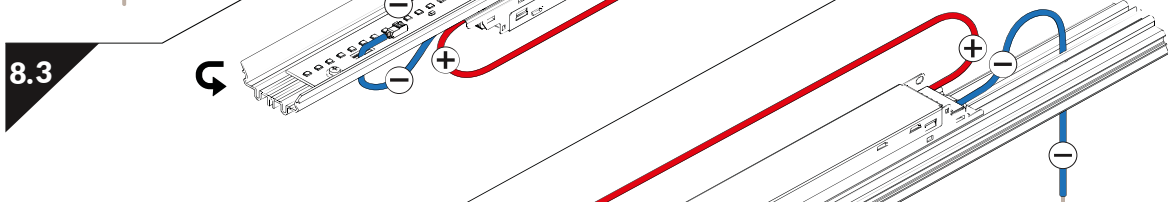
8.1



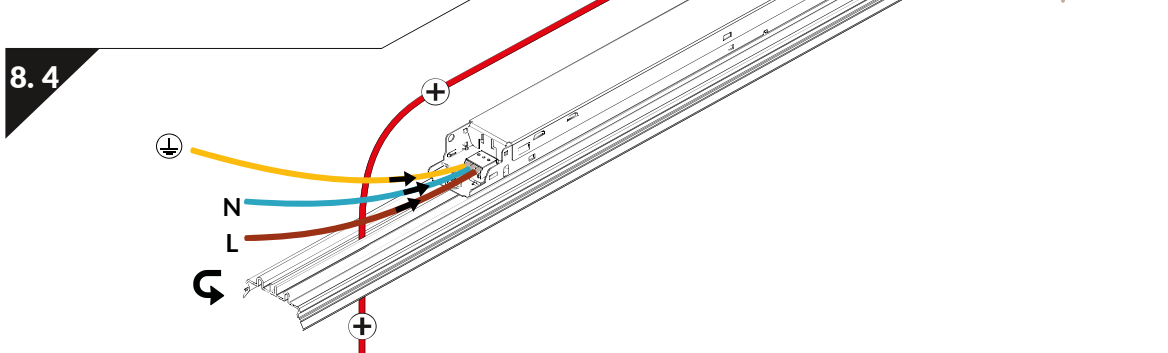
8.2



8.3



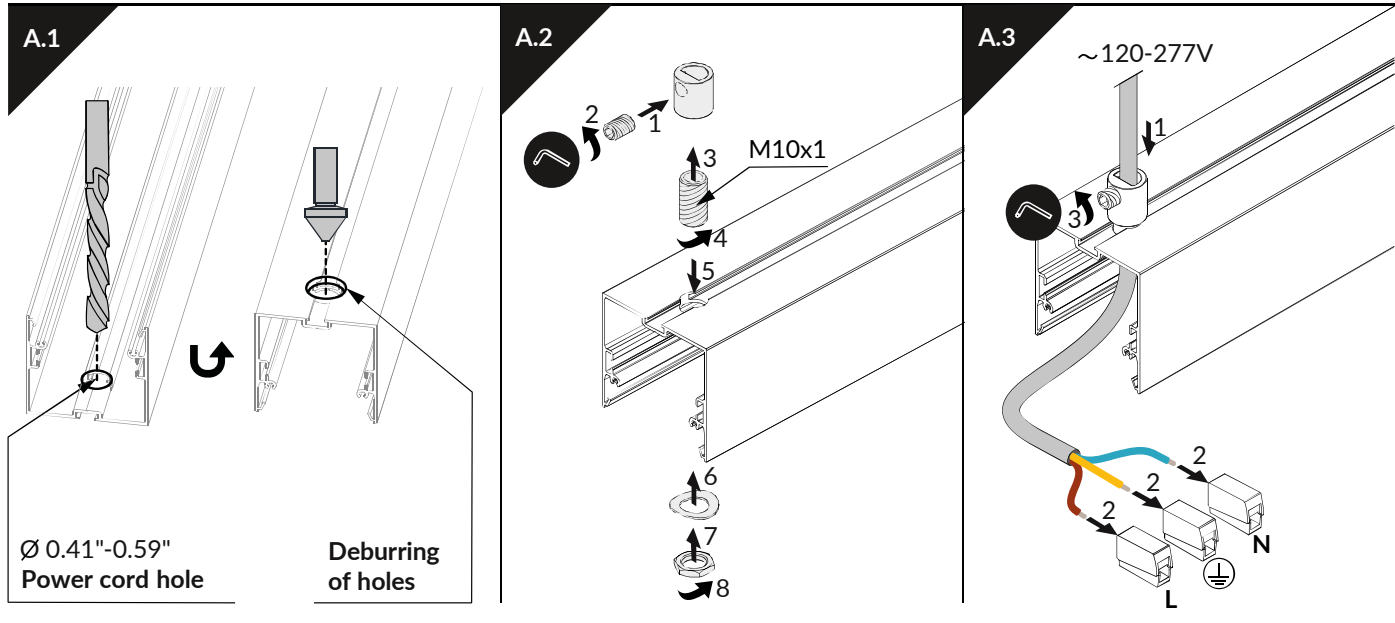
8.4



MOUNTING OF THE POWER CORD

A

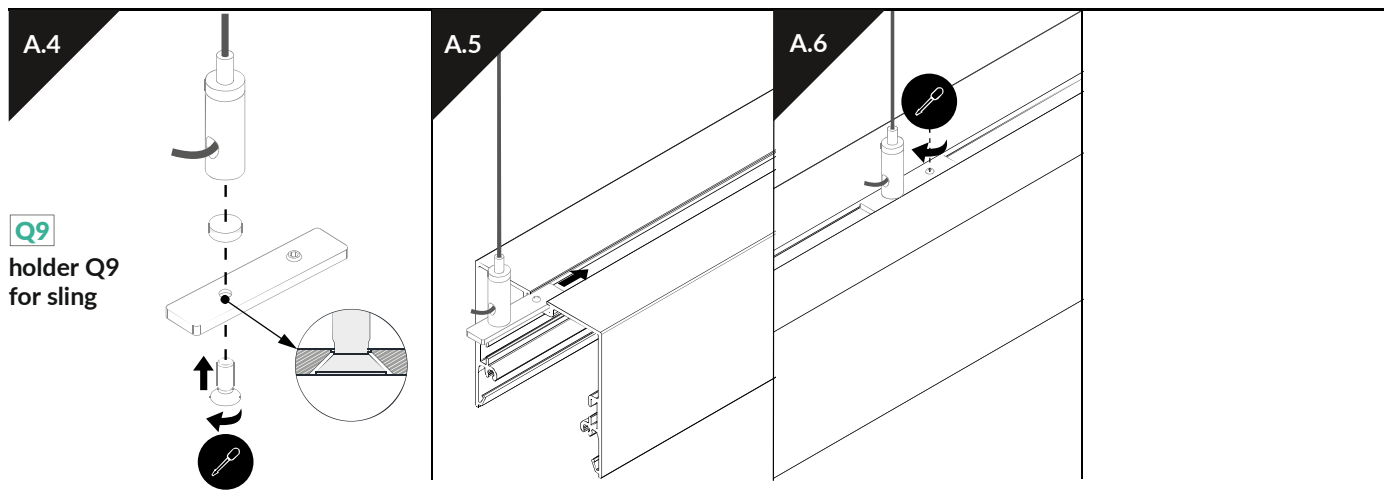
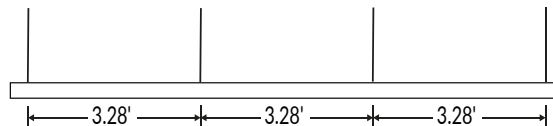
Surface mounting

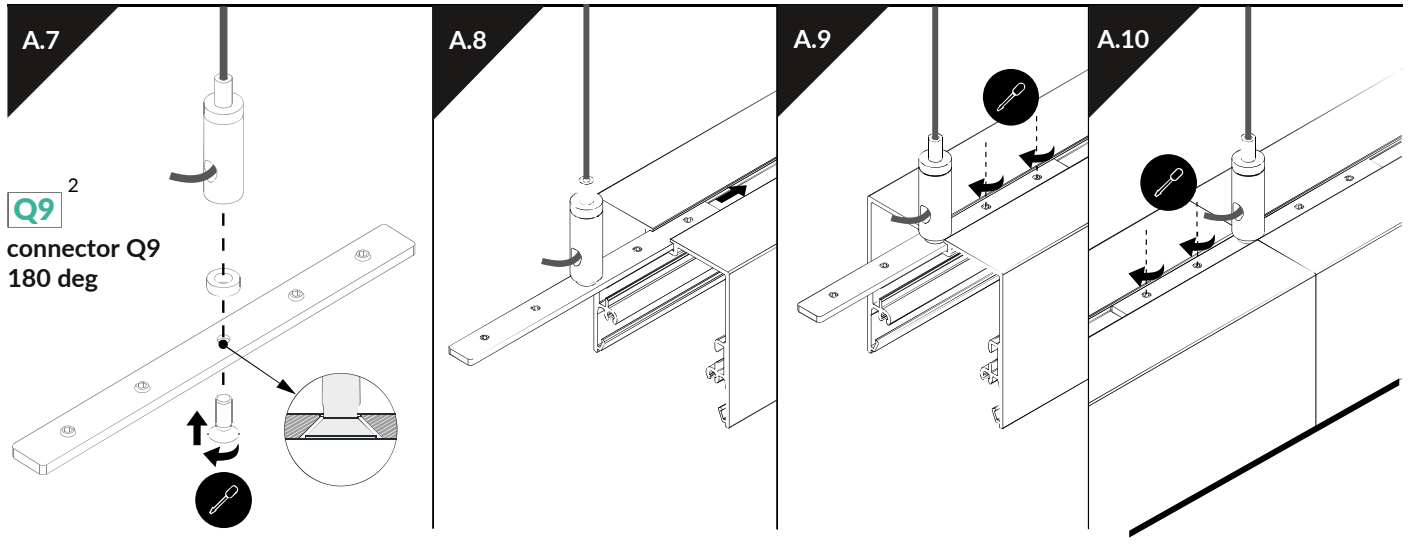


MOUNTING A SLING TO THE MOUNTING TO THE LUMINAIRE



Recommended
spacing of slings

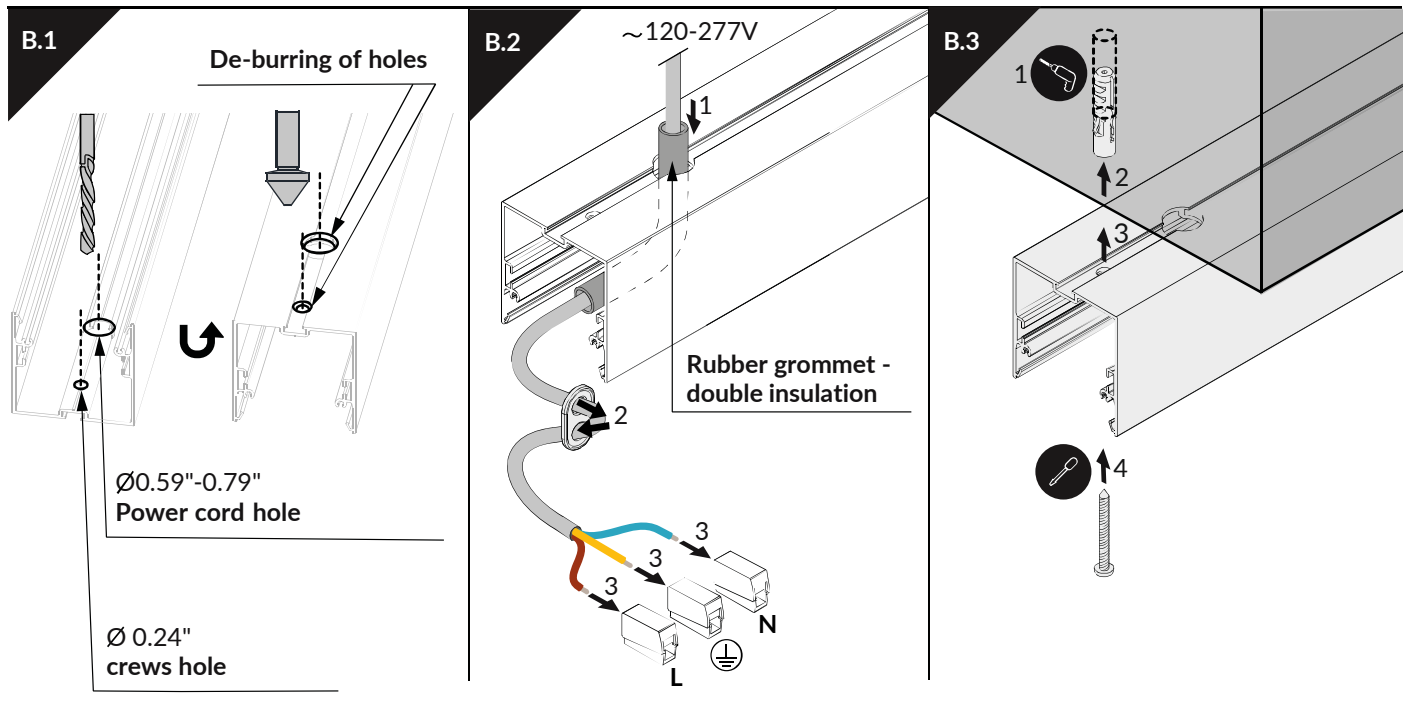




MOUNTING OF THE POWER CORD

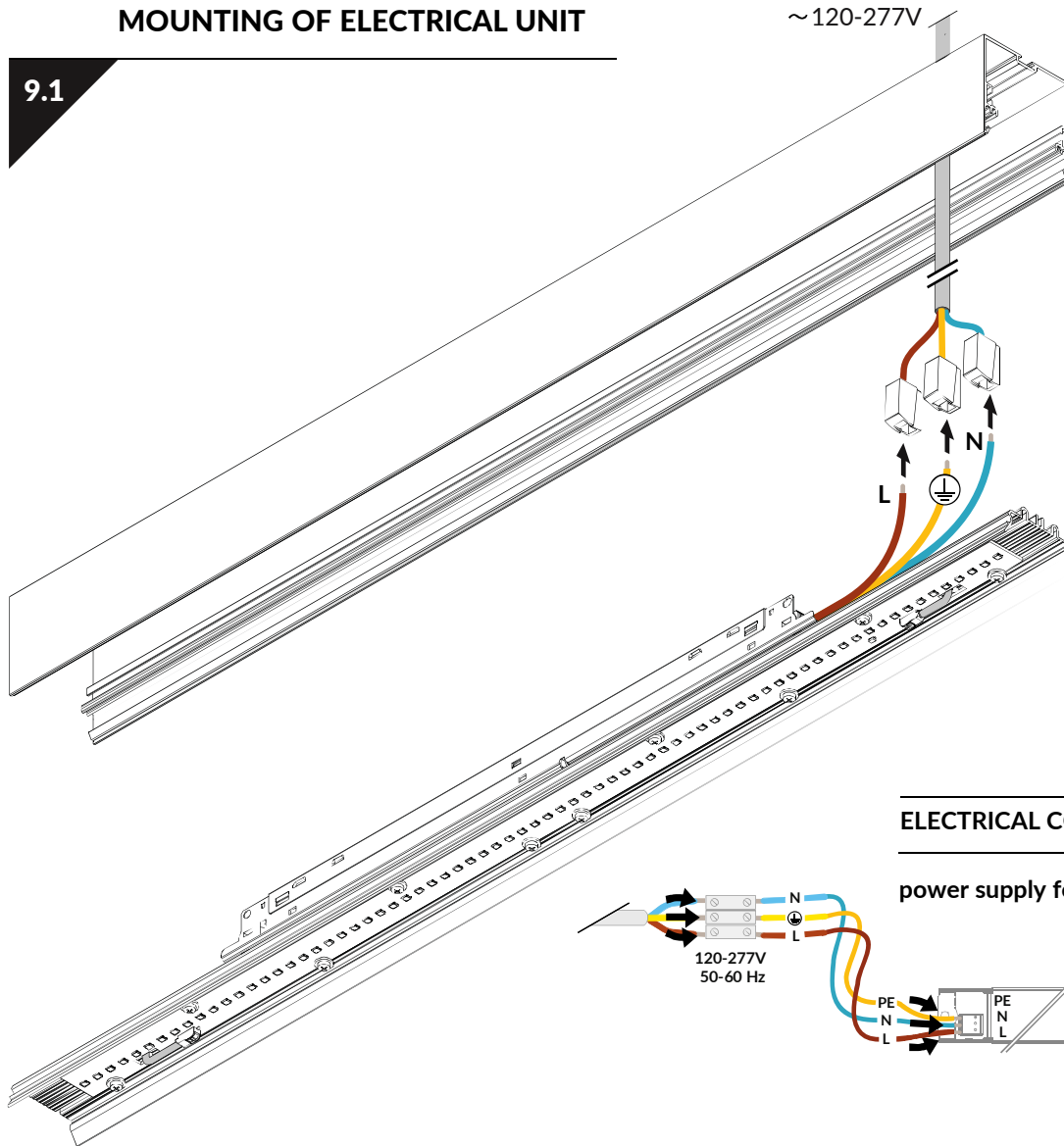
B

Suspended mounting



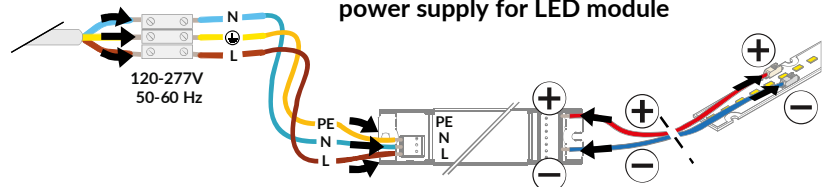
MOUNTING OF ELECTRICAL UNIT

9.1

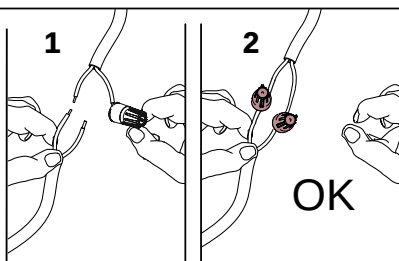


ELECTRICAL CONNECTION LAYOUT

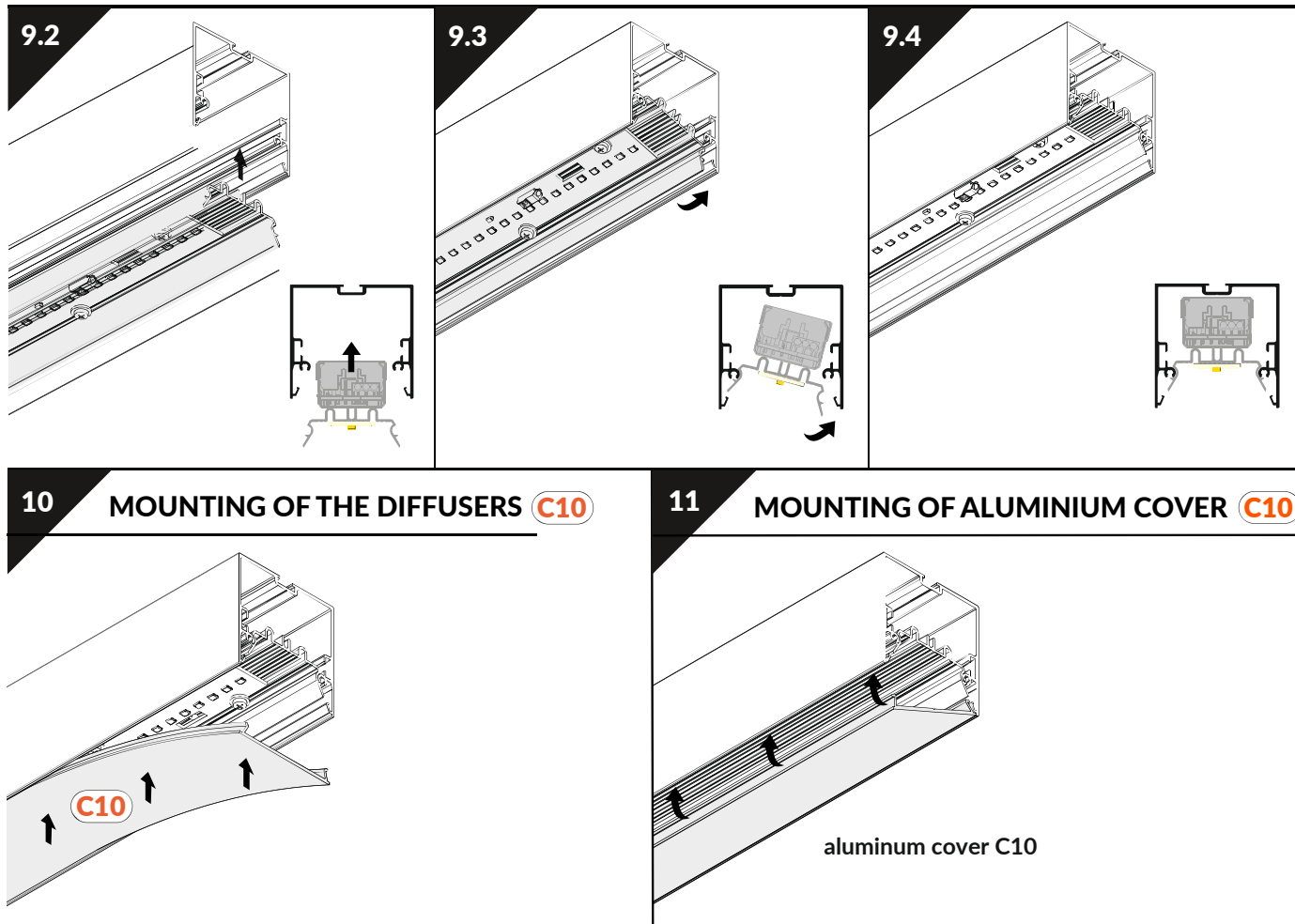
power supply for LED module



Use gel-filled waterproof wire-nuts for wire connections.



- It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface, to satisfy wet label requirements.
- It is the contractor's responsibility to install Remote Driver in a suitable electrical enclosure.

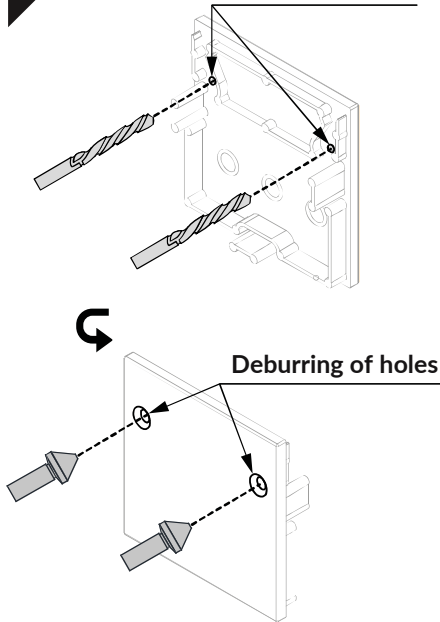


MOUNTING OF THE END CAPS

12.1



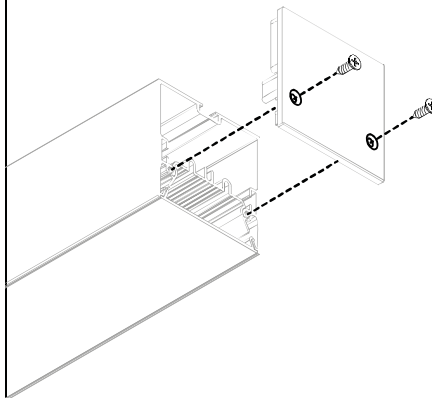
Screws hole
ST2,9x9,5



12.2



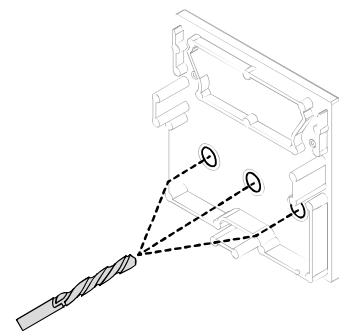
We recommend the use of
screws ST2,9x9,5
or gluing end caps



12.3



End cap with marked
space to bore the holes to
run the power cable



MOUNTING Q9 CONNECTORS - ANGLED CONNECTIONS

A

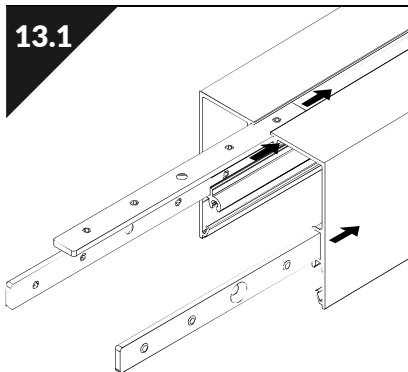
Surface mounting

B

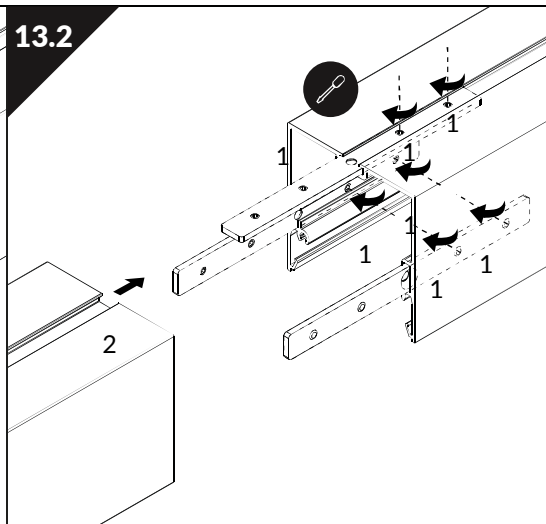
Suspended mounting

Mounting Q9 connectors using the example of angled connection 180 deg.

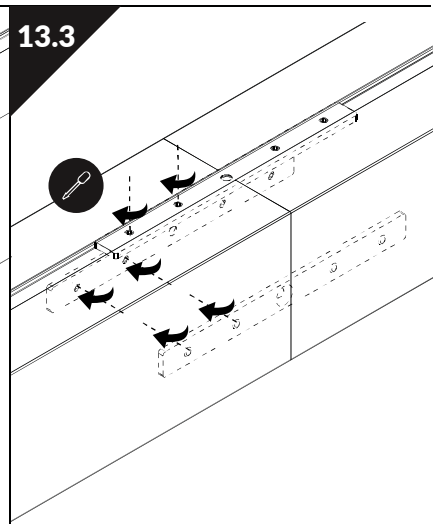
13.1



13.2



13.3



DISMANTLING OF THE ELECTRICAL UNIT

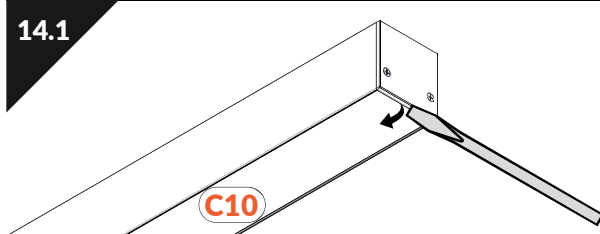
A

Surface mounting

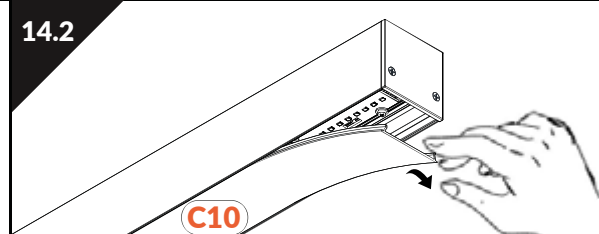
B

Suspended mounting

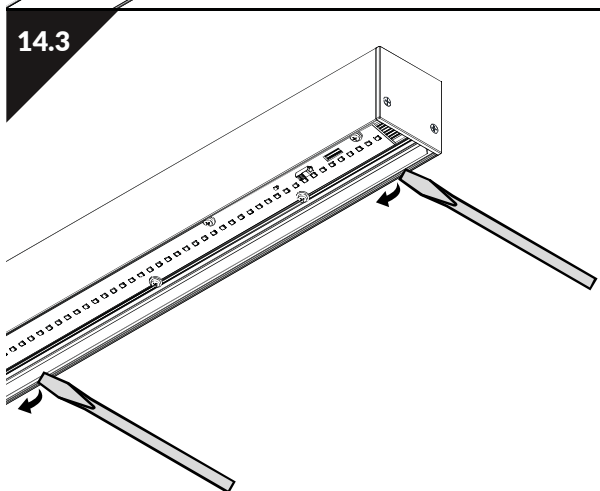
14.1



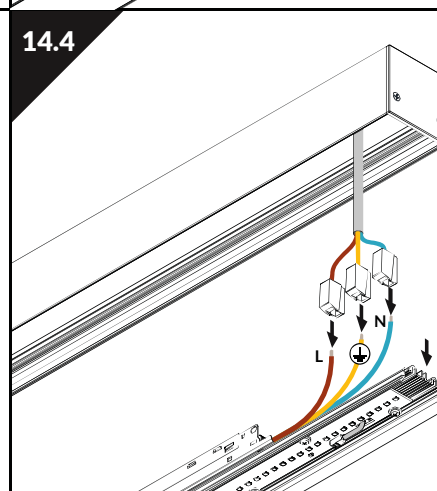
14.2



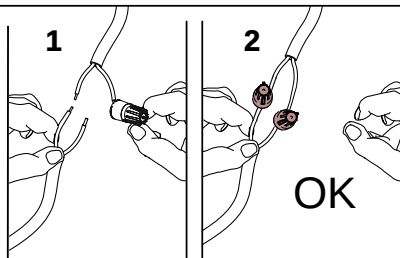
14.3



14.4



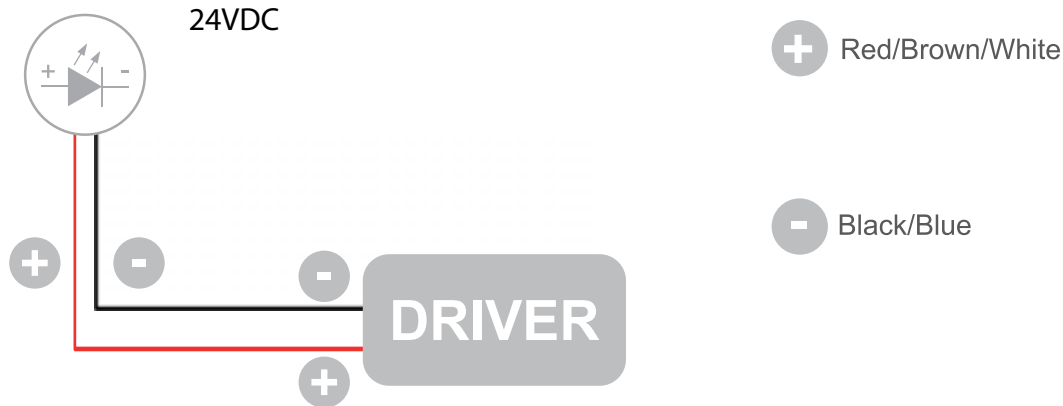
Use gel-filled waterproof wire-nuts for wire connections.



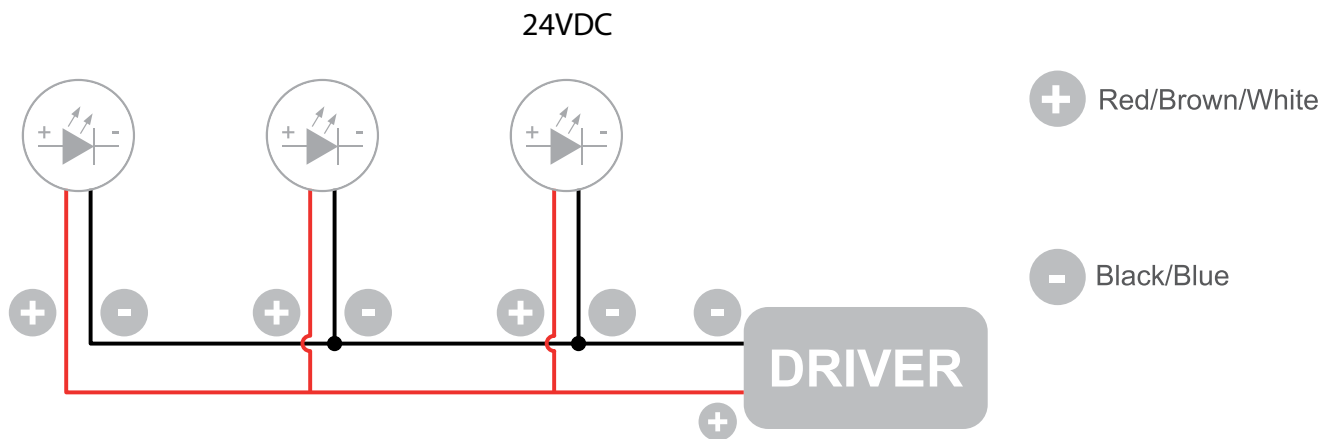
- It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface, to satisfy wet label requirements.
- It is the contractor's responsibility to install Remote Driver in a suitable electrical enclosure.

Wiring Diagram

Single Fixture Connection:



Multiple Fixtures Connection in Parallel:



The individual lamps must be connected in parallel. Only power up the system once all the lamps have being connected.

- Only power up the system once all the lamps are connected. Connecting an individual lamp to an active power supply may cause the lamp to break due to over-voltage.
- Lamps and power supply units must be installed in well-ventilated boxes or locations to allow a natural heat diffusion and avoid the devices overheating.
- On the power system, install a surge protection device to reduce the intensity of any voltage spikes to protect the lighting fixtures from the risk of damage.
- Fixture NOT suitable for covering with thermally insulating material.