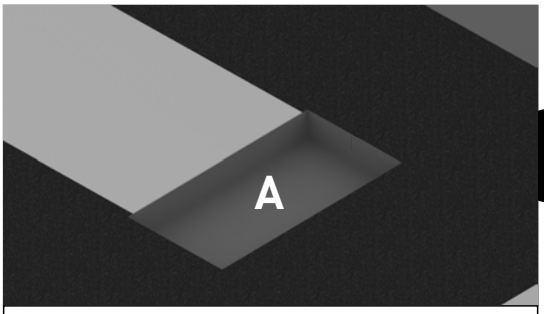
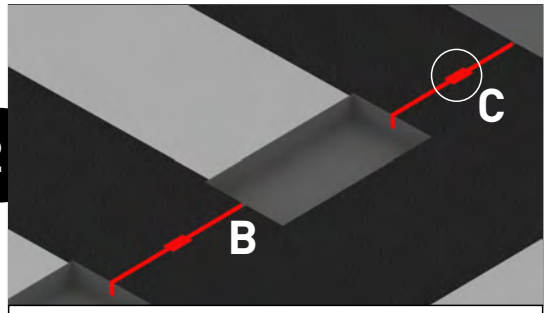
TS-SR-CROSSLED-150 Installation Manual



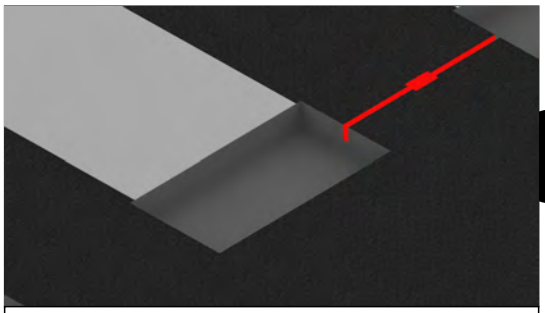
1

At the top of each white list, mill an area **(A)** with:
Width: 180mm
Length: 530mm
Depth: 70mm



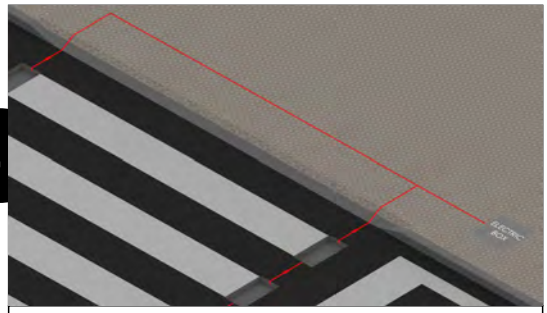
2

Open a slot **(B)** for the power cables with **15mm wide and 40mm deep**. In the area where the power cable connectors are installed, **open an area (C) at least 35mm wide and 70mm long.**



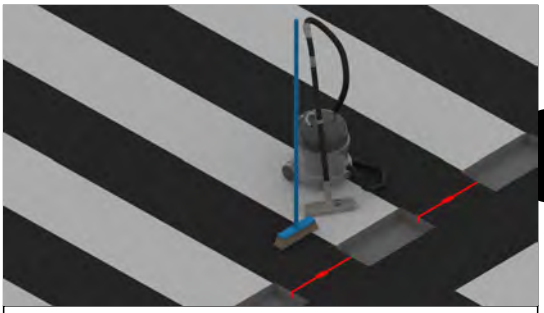
3

At the installation location of the last CROSSLED, on each side of the crosswalk, **it is only necessary to open a slot for the power cable.**



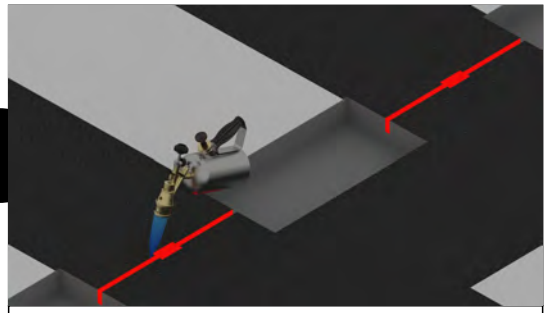
4

Opening of slots for the passage of power cables to the electrical box.



5

Clean any type of sediment or dust from areas resulting from drilling.



6

Dry all surfaces with a blowtorch to remove all moisture that could compromise the adhesion and effectiveness of the glue to be applied.

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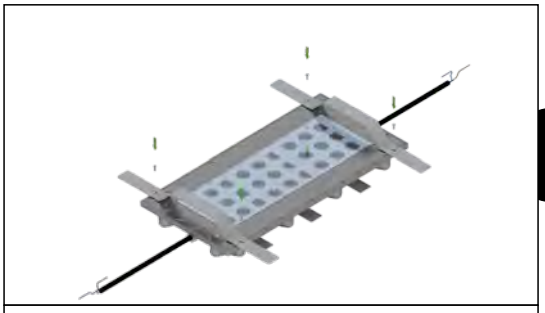
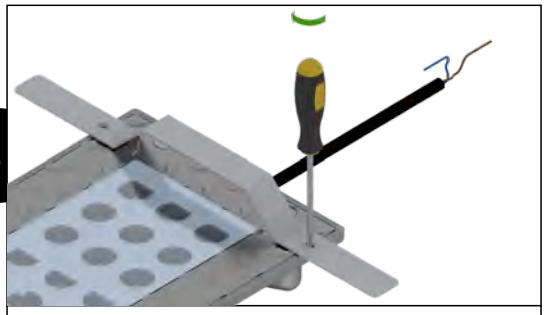


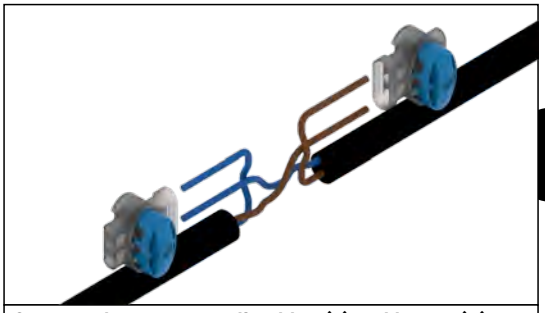
7

It is necessary to place the **leveling supports** on the CROSSLED product. These supports will also help in the process of handling the parts during the installation phase



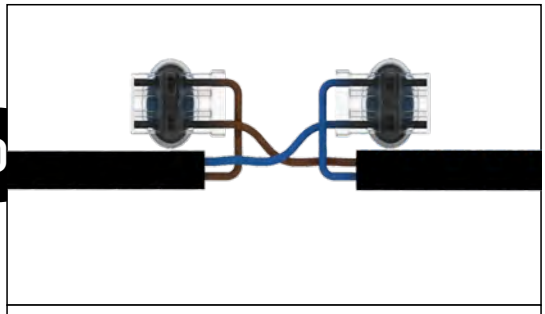
8

Tighten the screws and brackets provided on top of the CROSSLED, aligned with the M3 holes provided.
Use a cross screwdriver for this purpose.



9

Connect the corresponding blue (-) and brown (+) wires, from each set of two CROSSLED units, to the connectors provided for this purpose.

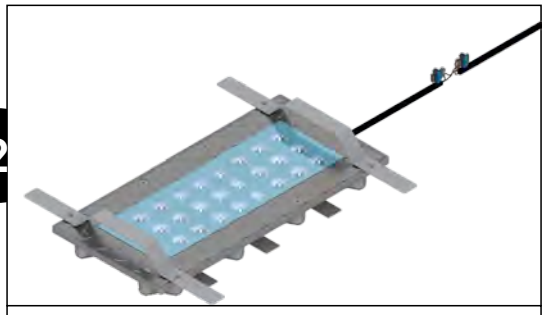


10

Confirm that the blue and brown wires are correctly **inserted up to the inner limit of the connectors**, in order to guarantee their perfect connection.

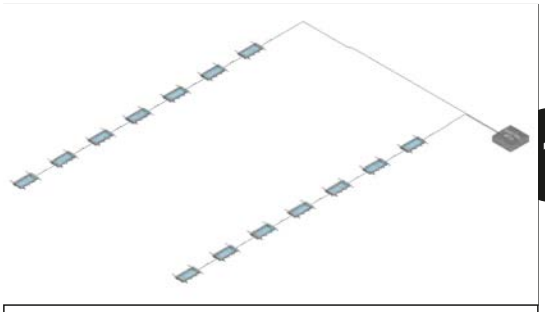
11

Use pliers to press the connector cover, in order to create the connection between the wires.
Make sure that the lid is perfectly pressed and aligned over its entire surface.



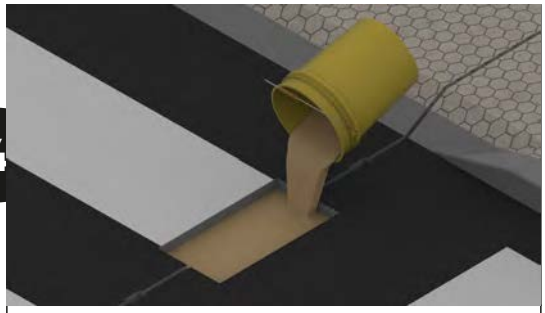
12

After each interconnection of the connectors, an electrical test must be carried out on the set, with a supply voltage of 12VDC or 24VDC, to verify that the product works as expected



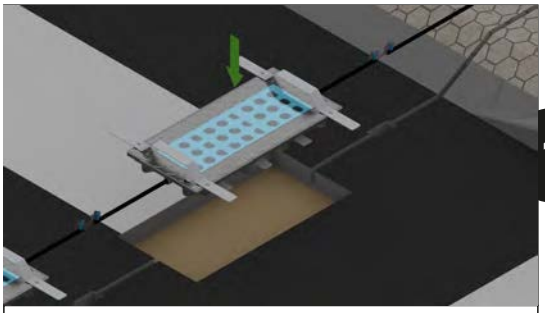
13

Before applying the glue and placing the CROSSLED in their respective slots, **carry out a final test on the assembly to verify that all the electrical connections have been made correctly** and that all the products work correctly.



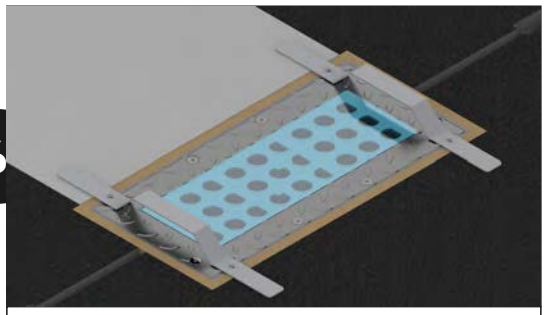
14

Introduce approximately 7.5Kg of **SikaFlow-648 glue (or alternative glues *)** in the respective slot for the CROSSLED. This amount of glue can vary depending on the total area milled.



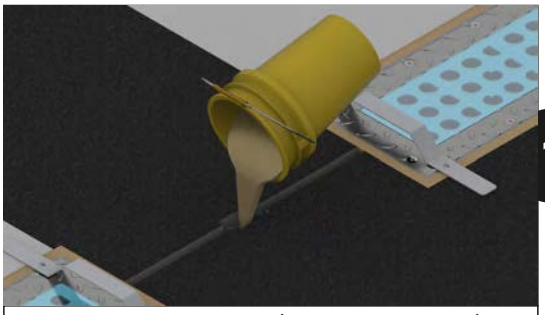
15

Place the **CROSSLED** in the respective slots.



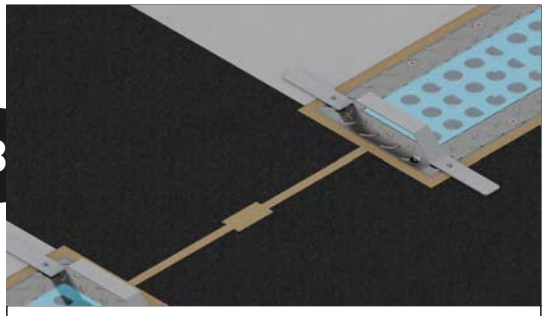
16

Remove any remaining excess glue. **The drying time of the glue may vary depending on the climatic conditions.** Consult the technical sheet of the glue for more information.



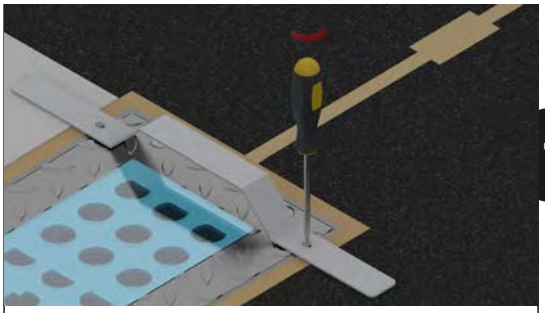
17

Insert the **SikaFlow-648 glue (or alternative glues *)** in the area of the slots for the power cables in order to completely cover the connections.



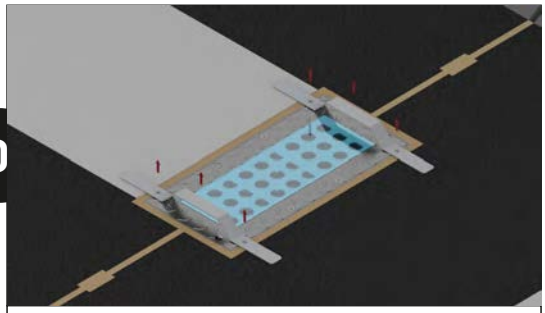
18

Remove any remaining excess glue. **The drying time of the glue may vary depending on the climatic conditions.** Consult the technical sheet of the glue for more information.



19

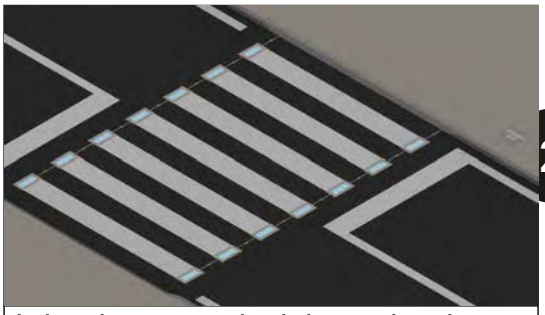
After verifying that the glue drying time has passed, use a cross screwdriver to unscrew the M3 screws of the leveling supports.



20

Remove the brackets and their M3 screws from each CROSSLED.

Note: **cannot be any type of element above road surface level.**



21

At the end, carry out an electrical test on the entire set, to verify that all CROSSLED work correctly.

***Approved Alternative Glue**

- SikaFlow-648
- Triflex Cryl R238
- Faplisa F-3096R
- Faplisa F-3976

The quantities may change depending on the chosen glue

Changing or not fulfillment of the described installation process can result in suspension of warranty.

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