

## Safety and installation advice



### **DANGER!**

#### **Life-threatening danger from electrical current!**

There is an immediate, life-threatening danger from electrical shock if live parts are touched. Damaged insulation or single components can be life-threatening.

- If the insulation is damaged then immediately disconnect the voltage supply and have repairs carried out.
- Only allow work on the electrical system to be performed by qualified electrical technician.
- If working on the electrical system disconnect the voltage supply, secure the system against unauthorised or unintended switching on and check for absence of voltage.
- Do not bridge or disable any fuses.
- Observe all applicable regulations for the prevention of accidents especially when working with electricity!
- Use the product only in accordance with protection class IP 67. The first numeral indicates the degree of protection against foreign bodies (6 = dustproof), the second numeral protection against water (7 = protected against temporary immersion).



### **General installation advice:**

- Keep the system powered down until the installation has been completed. Connection of the system with the power switched on will destroy the LED!
- Use only the enclosed components:
  - Power supply, 24 V/DC constant (e.g. i-Luxo art. no.: 588781);
  - Connection cable (e.g. i-Luxo art. no.: 588786);
  - Y-connector (e.g. i-Luxo art. no.: 588779)
- LED are sensitive to high temperature! The ambient temperature at the installation location may not exceed  $t_a = 40\text{ °C}$
- Provide a new feed-in every  $> 90\text{ W}$ .
- The iLuxo profile may be attached to the mounting surface using the fastening clips (e.g. Werra art no.: 588793) or adhesive tapes.
- The product may not be subjected to mechanical stress.

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### Installation advice for using the adhesive tape:

- The mounting surface must be dry and free of dust and grease. Clean post surface and bonding surface of the aluminium profile thoroughly using a clean and dust-free cloth. Remove possible oily films with an appropriate agent.
- The application temperature has a direct influence on the adhesive properties of the adhesive tapes. Apply the adhesive tapes if possible at temperatures between 15 °C and 25 °C and only to non-heated materials.
- The final bonding only occurs after a period of 20-24 hours at an ambient temperature above 15 °C. At higher temperatures this may already take place after 10 hours. Ensure that during this period the aluminium profile is not subjected to any additional loads.
- To activate the bonding press the aluminium profile at the adhesive zones firmly for a few seconds onto the mounting surface.
- Peeling-off of the bonded aluminium profile destroys the adhesive tapes or reduces their adhesive properties and must hence be strictly avoided.