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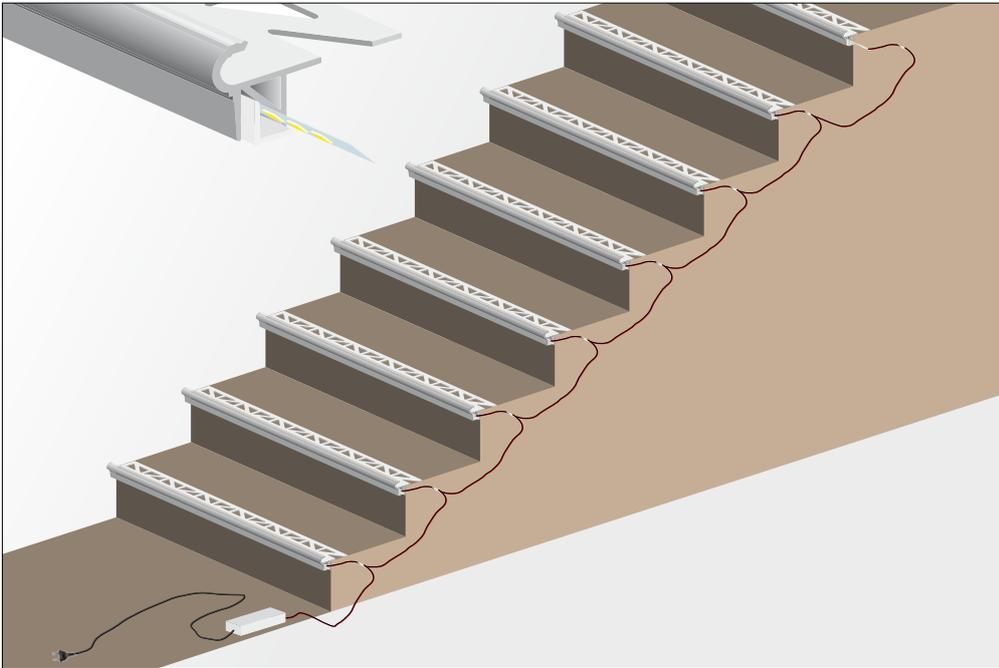
# FLORENTOSTEP-LED

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## FLORENTOSTEP-LED 8-Step Set

- Installation Instructions -

**DURAL**



### THIS SET CONTAINS:

- 8 x FLORENTOSTEP-LED basic profiles in anodised aluminium, length 1.50 m
- 8 x FLORENTOSTEP-LED covers, white translucent, length 1.50 m
- 8 x LED strips (2 rolls), IP 20, length 1.50m, includes connection cable with JMT plug
- 1 x transformer 100 W with mains power cable ( 220–240 V, Euro flat plug), length 3 m and wiring harness for LED strips with 8 JMT sockets

### GENERAL:

**Any modifications to the “Mains power cable – transformer – wiring harness” unit or to the primary or secondary side may only be performed by authorised electrical fitters!**

The generally recognised rules of good engineering practice must always be observed. For all products and materials, the following applies: The suitability of the material with regard to the expected mechanical loading and chemical exposure must be investigated carefully in each individual case.

### INSTALLATION INSTRUCTIONS:

1. First, please check the functionality of the system by connecting all LED strips to the mains power using the wiring harness / transformer.
2. Cut the basic profiles to the appropriate length. To do so, we recommend that you use a cap saw or manual iron hack saw with a fine saw blade to produce a clean profile cut.
3. Lay the basic profiles on the step noses using the thin bed procedure. To do so, embed the entire surface of the triaxial hole on the profile into the thin bed mortar (DIN EN 12004) and make sure it is aligned horizontally. Lay the tiles and place them so that they produce a flush finish with the top edge of the profile.

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Leave a gap of approx. 2–3 mm between the profile and the tiles so that any protruding thin bed mortar can be removed from the joint over the entire tile thickness, producing joint cross-sections of even depth. It is essential that the profile surface is kept as free as possible from tile adhesive. Remove any adhesive residue from the profile immediately using clean water and then wipe with a dry linen cloth, otherwise heavy irreversible staining can occur.

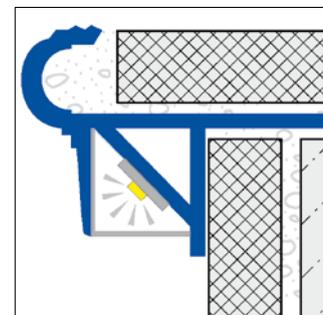
4. To grout the surface, use only a joint grouting product that will not scratch the profile surface. For grouting using the customary grouting procedure, make sure that you remove the joint grout from the profile immediately using clean water and wipe down with a dry linen cloth, otherwise irreversible staining can occur. Never use cement residue removers or cleaning products with a similar chemical composition to clean the surface.
5. Position the transformer in the location of your choice, making sure that access will still be possible after installation is complete. The transformer can be connected to the electrical system (primary side) using the Euro flat plug, e.g. to a switched socket.
6. Lay the wiring harness (secondary side) according to your plan. It is possible to install the wiring harness below plaster or tiles as the cable material is not damaged by tile adhesive or plastering products. The free end of the last socket can be also installed under plaster / tile adhesive.
7. Cut the LED strips to the desired lengths at the cutting points (every 5 cm). To do so, use sharp scissors.
8. Before bonding the strips to the basic profiles, we recommend that you perform another check of the system for the required functionality, to exclude any possible damage from occurring during the construction phase. Then remove the protective film from the back of the strips, affix the LED strips into the basic profiles and connect the plug from the strip and wiring harness. If necessary, extend the connection cable using the extension cable supplied with the accessories.
9. Finally, cut the translucent covers to the required lengths and use prefabricated adhesive strips to secure them to the basic profiles. We recommend that you use a cap saw or manual iron hack saw with a fine saw blade to produce a clean profile cut.

### **N.B.:**

For a stairway with 15–16 steps, you will need two 8-step sets. Each 8-step set can be extended to 9 steps using the single step set, which is available as accessory equipment. The maximum number of steps permitted per transformer/wiring harness is 9 and may not be exceeded.

It is not necessary to assign all JMT sockets on the wiring harness or to assign the sockets in an uninterrupted sequence.

If profiles longer than 1.50 m are required, e.g. curved or corner areas, these can be produced individually using the FLORENTOSTEP-LED complete profile and the matching LED strips and integrated within the 8-step set. Care should be taken that the entire length of the LED strips does not exceed 13.5 m (= 9 x 1.50 m).



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