

# pro-telo light

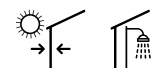
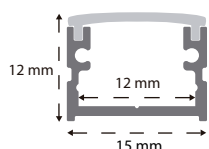
**pro-telo light** is a top quality built-in lighting profile in anodised aluminium.

Specifically designed for installing in ceramic tiling. Light is provided by LED strip lights built into the profile in a U shape, complete with diffuser. According to the position of the profile, various direct or indirect lighting effects can be obtained.

## Profile Picture



## Technical Diagram



## Recommended applications

- |                            |                                |
|----------------------------|--------------------------------|
| • Tiling:                  | Yes                            |
| • Flooring:                | No                             |
| • Interiors:               | Yes                            |
| • High traffic:            | No                             |
| • Protected against water: | Yes, with IP67 LED strip light |
| • Exteriors:               | Yes, with IP67 LED strip light |

## Specification

- Top quality profile in anodised aluminium.
- We offer a 10 year guarantee on the profiles and a 4 year guarantee on the covers
- Matt silver & black finish.
- Pre-assembled and ready for installation
- Profiles are easily installed with adhesive.
- Compatible with LED strip lights with a maximum width of 12 mm and capacity not exceeding 30W/m.
- Polycarbonate diffuser, high scratch and impact resistance.

## Components

- |                                   |                                               |
|-----------------------------------|-----------------------------------------------|
| • 3 m anodised aluminium profile: | 1 unit                                        |
| • Polycarbonate diffuser:         | 1 unit                                        |
| • Side covers:                    | 2 units - One with a hole and one without it. |
| • Clips:                          | 4 Uds.                                        |
| • Lighting system:                | Not included                                  |

## Instructions for use

- All the profiles and specially the decoratives ones, must be handled as carefully as possible in order to avoid any damage. Before installing the profiles, please, check that there is no any damage.
- Leave an electrical power cable at the point where the profile will be placed
- Lay the ceramic tile on a thin bed of adhesive using a notched trowel at the required point, taking into account the height of the profile and, where appropriate, the height of the installation staple.
- Make a hole in the profile for the power cable. If necessary cut the profile using a handsaw or radial saw with appropriate disc.
- Place the profile without gluing or screwing and protect with masking tape.
- Continue with the installation of the tiles, leaving a 1 mm joint between the profile and the tile.
- Once the tiling is complete, remove the profile, lay out the self-adhesive LED strip, make the electrical connections and check that it works correctly. Please follow the manufacturer's installation instructions.
- The lighting system must be installed by a qualified electrician.
- Install a suitable transformer for the LED strip lights with adequate ventilation space for its installation.
- Protect with the diffuser cover, reposition the profile and adjust the level to the height of the tile. Glue the profile to the support with a bead of p-404 polyurethane putty. In the case in which fixing clips are used, screw them to the support every 75-100 cm and position the profile.
- Before sealing tile joints, check that the sealing material will not scratch or chemically alter the surface of the profile. If so, cover the profile with protective tape.
- The LED strip lights can be installed before or after positioning the profile. We recommend using self-adhesive LED strip lights. Extreme care should be taken when handling the LED strip lights. The use of metal tools or abrasives is not recommended as they may scratch the profile surface.

## Cleaning and maintenance

- This type of profile does not require cleaning or maintenance other than that required for the ceramic tiling.
- Use neutral cleaning products. Do not use products which contain hydrochloric acid or hydrofluoric acid. We recommend testing prior to use.
- Anodised aluminium profiles are sensitive to a combination of moisture and alkaline products such as cement mortars. We recommend taking extreme care during installation, avoiding contact with cement mortars as much as possible and cleaning any excess mortar from the visible part of the profile as soon as possible.
- Do not use abrasives or metals which may scratch the profile surface.

## Technical Sheet Conditions

- This is not a finished product technical sheet. It belongs to a product which, together with others, is the base of a ceramic tile laying system with which professionals perform their job. Instructions in this technical sheet have been written based on our experience and technical expertise, but they have to be considered as general recommendations, which together with those for the rest of the products in the system, help the professionals in their job.
- As it is not possible to know all the features and conditions of a building job, professionals must consider it and, if deemed appropriate, perform a previous test to confirm whether the product is suitable for the job. Specially recommended in applications which imply mechanical stresses or chemical reactions not described in this technical sheet.
- The technical sheet cannot reflect all the applications and conditions entailed in the use of a material, so, in situations not described in this sheet, we recommend to perform a previous test and refer to our technical department.
- This sheet has been updated in January, 2023.

## References

SAP	Item description	Packaging
100281600	pro-telo light silver	300 cm profile
100281601	pro-telo light black	300 cm profile

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