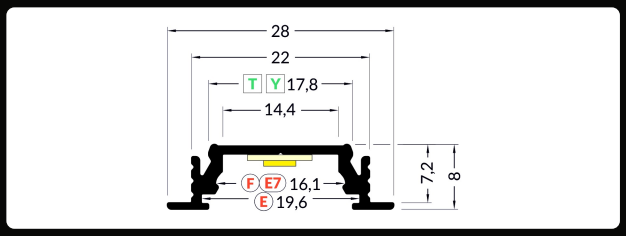
PRODUCT GUIDE: GROOVE14

RECESSED LED PROFILE

Wide recessed profile with a choice of diffuser styles

- Overall profile size: 28mm wide x 8mm high
- Maximum LED strip width: 14mm
- E/F slide-in or E7 click-fit diffuser
- Recessed fixing with retaining flanges
- Compatible with 12V and 24V LED strip systems

PROFILE CROSS-SECTION



PROFILE DATA

PRODUCT CODE	GROOVE14
PROFILE TYPE	Recessed aluminium LED profile
OVERALL DIMENSIONS	28mm wide x 8mm high
MAXIMUM LED STRIP WIDTH	14mm
DIFFUSER OPTIONS	E/F slide-in or E7 click-fit diffuser
END CAPS	Finished length allowance: 2mm per end
MOUNTING	Recessed fixing with retaining flanges
SYSTEM VOLTAGE	For use with 12V or 24V LED strip and suitable driver

APPLICATION

Designed for clean, continuous linear illumination

Cut the aluminium profile and diffuser to suit the installation.

Use a compatible LED strip, correctly rated driver and appropriate mounting method.

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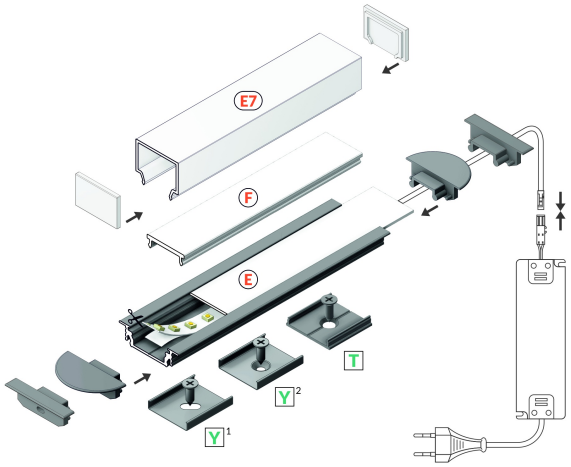
INSTALLATION SEQUENCE AND MOUNTING GUIDANCE

COMPONENT OVERVIEW



GROOVE14 EF/TY

INSTALLATION SEQUENCE

1 CUT TO LENGTH

Cut the aluminium profile and diffuser cleanly to the required finished length.

2 PREPARE THE LED STRIP

Cut only at a marked cut point, then solder or connect the supply cable.

3 FIT THE LED STRIP

Clean the channel, remove the adhesive backing and press the strip firmly into place.

4 FIT END CAPS

Fit the end caps and allow 2mm per end when calculating the finished length.

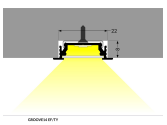
5 INSTALL THE DIFFUSER

Slide or click the selected diffuser fully into the profile without forcing it.

6 MOUNT AND CONNECT

Secure the profile, then connect it to a correctly rated 12V or 24V LED driver.

MOUNTING GUIDANCE



RECESSED FIXING WITH RETAINING FLANGES

Fix to a clean, stable substrate using the specified mounting plate or a suitable alternative.
Electrical work must be completed by a competent installer with the supply isolated.