PRODUCT GUIDE: SURFACE14

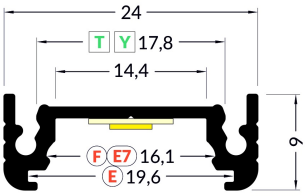
INTEGRITY LIGHTING SOLUTIONS

SURFACE-MOUNTED LED PROFILE

Wide low-profile surface extrusion with a choice of diffuser styles

- Overall profile size: 24mm wide x 7mm high
- Maximum LED strip width: 14mm
- E/F slide-in or E7 click-fit diffuser
- Flexible, cone or T mounting plate
- Compatible with 12V and 24V LED strip systems

PROFILE CROSS-SECTION



PROFILE DATA

PRODUCT CODE	SURFACE14
PROFILE TYPE	Surface-mounted aluminium LED profile
OVERALL DIMENSIONS	24mm wide x 7mm 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	Flexible, cone or T mounting plate
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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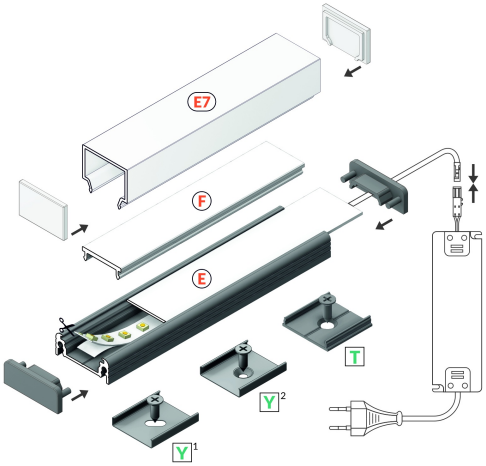
INSTALLATION SEQUENCE AND MOUNTING GUIDANCE

COMPONENT OVERVIEW



SURFACE14 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.

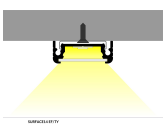
5 INSTALL THE DIFFUSER

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



FLEXIBLE, CONE OR T MOUNTING PLATE

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.