PRODUCT GUIDE: PEN8

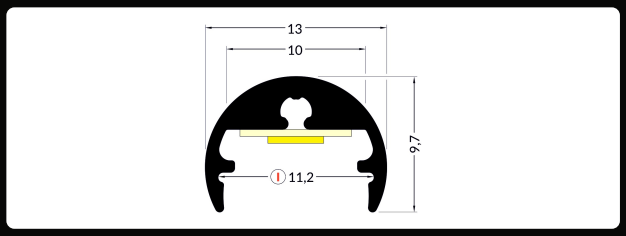
INTEGRITY LIGHTING SOLUTIONS

SPECIAL APPLICATION LED PROFILE

Compact round profile for pendant and furniture lighting

- Overall profile size: 13mm diameter
- Maximum LED strip width: 8mm
- I slide-in diffuser
- Surface or suspended installation with dedicated PEN8 holders
- Compatible with multiple fixed and articulated holders
- Compatible with 12V and 24V LED strip systems

PROFILE CROSS-SECTION



PROFILE DATA

PRODUCT CODE	PEN8
PROFILE TYPE	Special application aluminium LED profile
OVERALL DIMENSIONS	13mm diameter
MAXIMUM LED STRIP WIDTH	8mm
DIFFUSER OPTIONS	I slide-in diffuser
END CAPS	Finished length allowance: 2mm per end
INSTALLATION	Surface or suspended installation with dedicated PEN8 holders
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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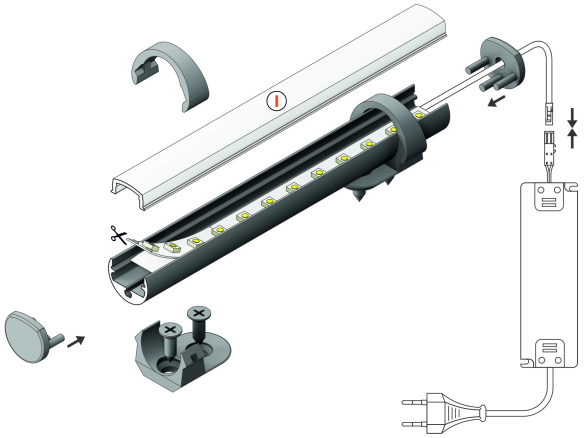
INSTALLATION SEQUENCE AND MOUNTING GUIDANCE

COMPONENT OVERVIEW



PEN8 I

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.

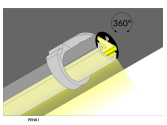
5 INSTALL THE DIFFUSER

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

6 INSTALL AND CONNECT

Secure the profile using the specified method, then connect the compatible LED driver.

MOUNTING GUIDANCE



SURFACE OR SUSPENDED INSTALLATION WITH DEDICATED PEN8 HOLDERS

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.