

LEDPRO

S80 / S8035

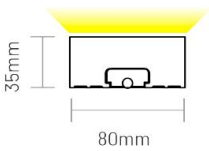
ULTRA-WIDE FLEXIBLE LINEAR LIGHT | TECHNICAL DATASHEET

Technical specifications

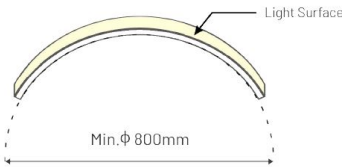
Reference: factory F8035, July 2024

Operating voltage	24 V DC
Power - white / RGB	24 W/m
Power - RGBW	30 W/m*
Cross section	80 x 35 mm
Ingress protection	IP67
Weight	1.7 kg/m
Ambient working temperature	-40 to +55 °C
Storage temperature	-40 to +60 °C
Installation temperature	above -40 °C
Max. mounting surface	85 °C
Standard length increment	500 mm
Maximum run length	2 m / piece
Minimum vertical bend	Ø 800 mm diameter
Termination	Moulded IP67 connector

DIMENSIONS



MINIMUM BEND DIAMETER



Ø 800 mm = radius 400 mm

Available configurations - six versions

Power and light output stated by the manufacturer

TYPE	POWER	OUTPUT	CCT / CHANNEL DATA
2100 K	24 W/m	> 1,000 lm/m	2100 ± 150 K
2700 K	24 W/m	> 1,000 lm/m	2750 ± 250 K
3500 K	24 W/m	> 1,000 lm/m	3550 ± 350 K
4800 K	24 W/m	> 1,000 lm/m	4750 ± 450 K
RGB	24 W/m	R 90 / G 250 / B 50	Individual channels in lm/m
RGBW	30 W/m*	R 90 / G 270 / B 50 / W 250	White channel 3050 ± 300 K

* RGBW: 30 W/m appears in the manufacturer configuration code; general F8035 table states 24 W/m.
Colours and output refer to the illustrated factory variants; confirm final ordering configuration.

APPLICATION DEMONSTRATION VIDEO

LED warning system for vehicle exits | [Open video online](#)

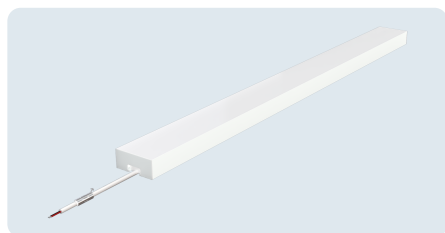
Mechanical connections & cable exit

Factory dimensions, connector and internal cable layout

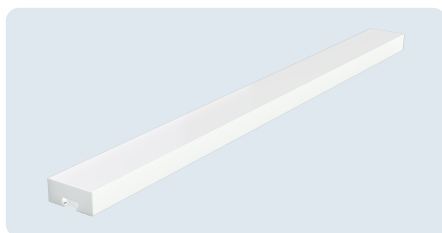


Factory drawing: end tolerances, cable outlet and Ø 12 mm connector.

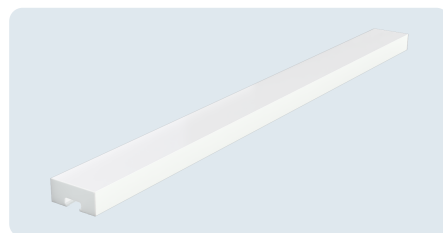
End terminations & silicone construction



Power connector



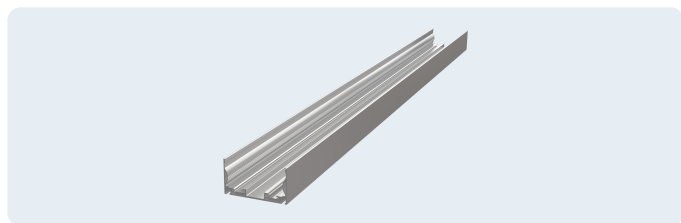
End cap



Silicone housing

Mounting profiles

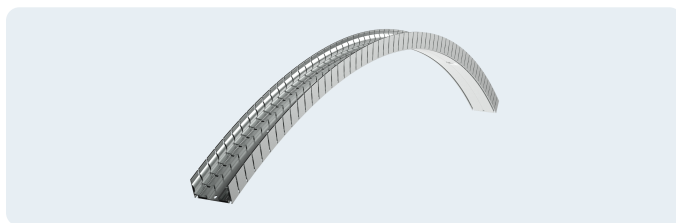
STRAIGHT ALUMINIUM PROFILE



Profile 84 x 45.6 mm | standard lengths: 50, 510, 1000, 1010, 2010 mm

Bendable profile: 1000 mm standard section. Compatibility and fixing method by project.

BENDABLE ALUMINIUM PROFILE



For mounting, cable details and project-specific variants:

sales@ledpro.nl | www.ledpro.nl