

Neon-FacFlex-3D

Two-way bendable Neon-Flex for architectural light lines

Bends horizontally and vertically within the same light run. Combine the light line with Twin profile to form the Neon-FacFlex-sys system for flowing contours and curved surfaces.

Buigbare Neon-Flex voor horizontale en verticale bochten. Samen met het flexibele Twin profile vormt de lichtlijn het Neon-FacFlex-sys systeem.



Artist impression - illustrative application.

Key Advantages

Two-way bending

Horizontal and vertical curves in one light line.

Horizontale en verticale bochten in één lichtlijn.

Adaptable on site

Designed for facade conditions and thermal changes.

Past zich aan gevelsituaties en thermische veranderingen aan.

Matching flexible profile

Twin profile supports integrated mounting approaches.

Twin profile ondersteunt geïntegreerde montage.

Technical Specifications

Parameter	Specification
Working voltage	24 V DC
IP rating	IP68 - not suitable for underwater use
Dimensions / tolerance	16 × 17 mm / ±0.3 mm
Weight	330 g/m
Working / storage temperature	-40 to +60 °C / -40 to +60 °C
Ambient installation temperature	Above -40 °C
Maximum mounting surface temperature	85 °C
Minimum horizontal / vertical bend	Ø 300 mm diameter (150 mm radius)
Warranty	10 years: monochrome; 7 years: Dynamic White and SPI RGBW

Configurations & Performance

Version	Power	Available colours	CRI
Monochrome	8 W/m	Red, green, blue; white: 2200, 2400, 2700, 3000, 3500, 4000, 5000, 5700 K	≥90 for white
Dynamic White	12 W/m	2200-5700 K	≥90
12 SPI RGBW	22 W/m	RGBW; white: 2700, 3000 or 4000 K	≥80 for white

Control equipment must match the selected version. SPI white options follow the supplied supplementary light-line specification.

Feed Length & Connected Power

Version	Single-end feed / standard length	Connected rated power	Double-end feed
Monochrome 8 W/m	10 m	80 W	Not specified
Dynamic White 12 W/m	6 m	72 W	Not specified
SPI RGBW 22 W/m	5 m	110 W	Not specified

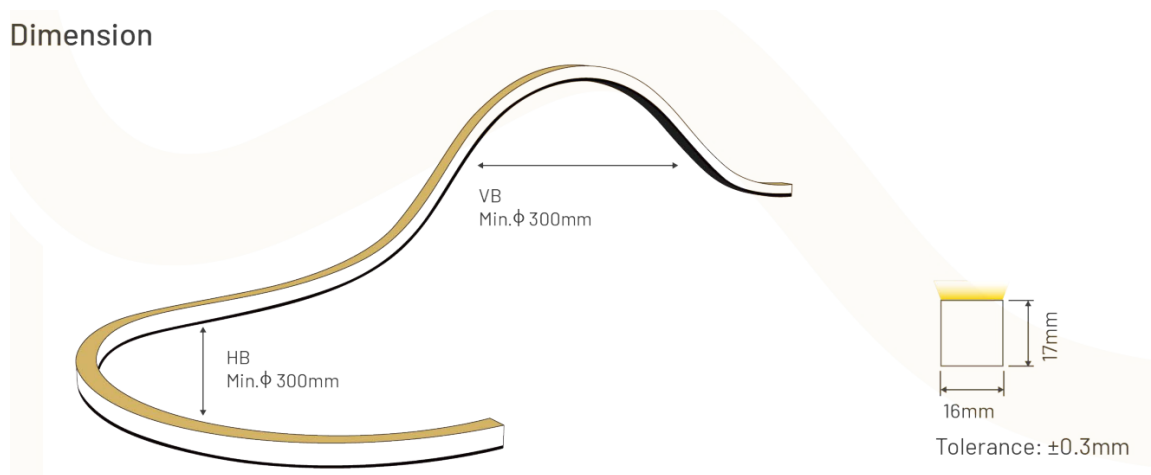
Connected rated power = length × rated W/m; this is not a driver rating. Double-end feed lengths are not specified. Verify the driver, cabling, voltage drop and permitted run length per project.

Light Output

Reference configuration	Published output	Reference beam angle
Monochrome white, 8 W/m at 3000 K	>620 lm/m	109.1°
Dynamic White, 12 W/m at 5700 K	>320 lm/m	113.1° for the 2200 K + 5700 K example
SPI RGBW	No combined output specified	Not specified

Output varies with colour and control setting. Values apply to the stated reference configurations.

Dimensions & Bend Radius



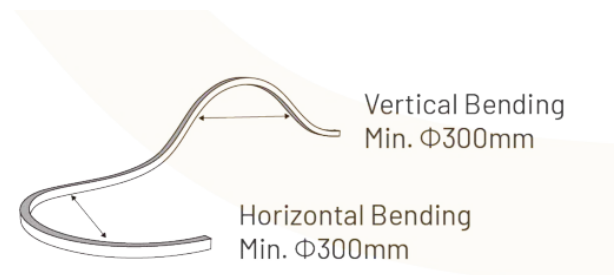
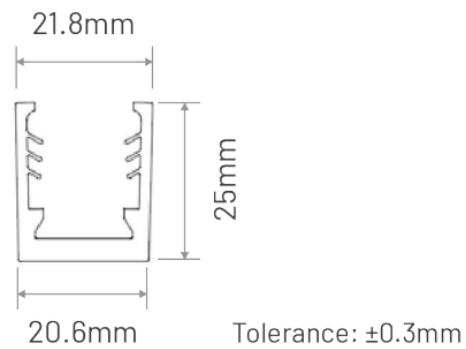
Cross-section: 16 × 17 mm, tolerance ±0.3 mm. Minimum bend diameter Ø 300 mm, horizontally and vertically.

Twin profile | Mounting

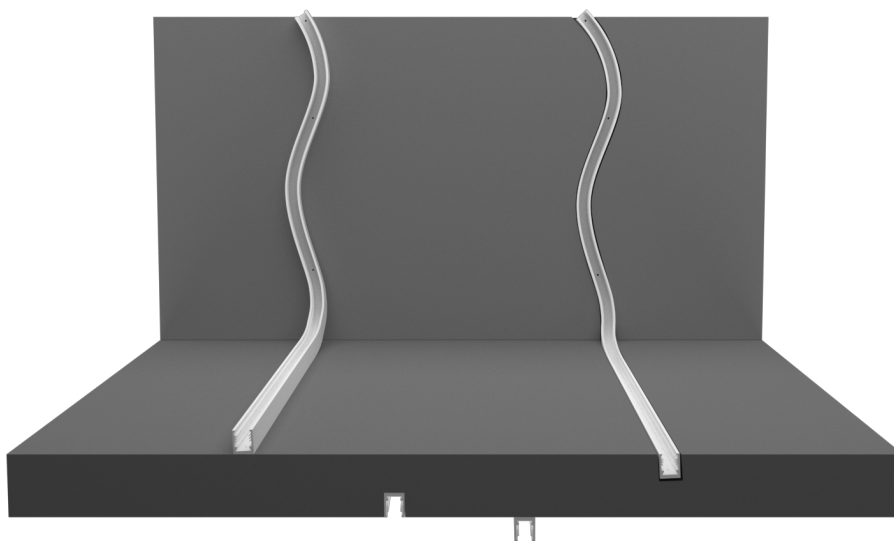
Neon-FacFlex-3D is the light line. Twin profile is the matching flexible mounting profile. Together they form Neon-FacFlex-sys. The light line and profile are described as separate components for project selection.

Profile detail	Specification
Dimensions	21.8 mm upper width; 25 mm height; 20.6 mm base width
Tolerance	±0.3 mm
Minimum bend diameter	Ø 300 mm, horizontal and vertical
Standard lengths	55, 110, 200, 500 and 1000 mm
Appearance	Black / white standard; custom colours on request
Product code	To be confirmed

Dimension



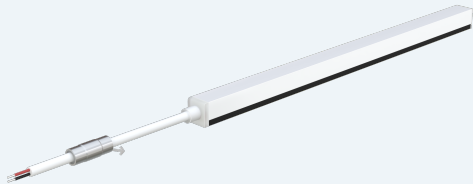
Installation Examples



Flexible profile following the mounting surface. Examples illustrate surface-mounted and recessed integration. Keep the stated minimum bend diameter and verify the mounting approach for the project.

Factory-Moulded Connection Options

Factory injection-moulded connections and end cap. These are connection and termination options supplied with the light line, not loose field-installation accessories.



End feed

Product code: to be confirmed



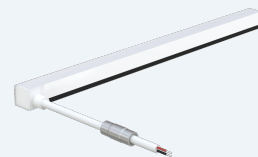
Bottom feed

Product code: to be confirmed



Side feed, left

Product code: to be confirmed



Side feed, right

Product code: to be confirmed



End cap

Product code: to be confirmed

For project advice, contact LEDPRO: sales@ledpro.nl