

Neon-Flex Skin Color

Colour by day. Light by night.

Coloured silicone jackets and discreet black finishes that complement the architecture, even when the light is switched off.

Kleur overdag. Licht in de avond.

Gekleurde siliconen mantels en subtiele zwarte uitvoeringen die aansluiten bij de architectuur, ook wanneer de verlichting uitstaat.

Key Advantages

Design freedom

Choose a red, green or blue jacket, or specify a custom Pantone colour to suit your project.

Kies een rode, groene of blauwe mantel, of een Pantone-kleur op maat voor jouw project.

A discreet black finish

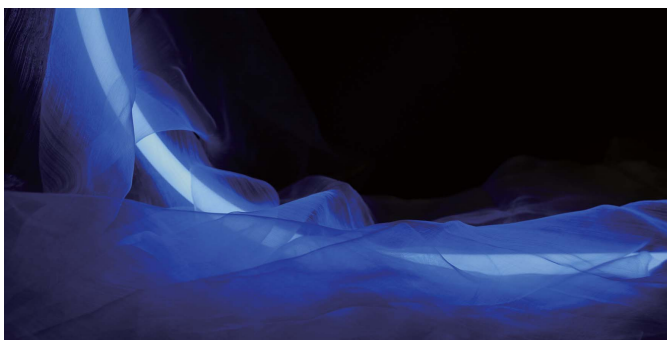
Blend the light line into dark surfaces, with 2600 K or 4200 K light in the listed black-finish configurations.

Laat de lichtlijn opgaan in donkere oppervlakken, met 2600 K of 4200 K licht in de vermelde zwarte uitvoeringen.

A choice of profiles

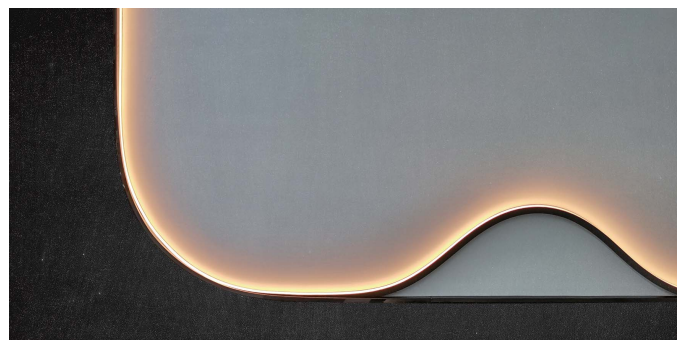
Select S3-Flat, S3-Dome, S4 or S10, with bending directions and finishes depending on the model.

Kies S3-Flat, S3-Dome, S4 of S10, met buigrichting en afwerking afhankelijk van de uitvoering.



Bright-coloured finish

Red, green or blue jackets; custom Pantone colours on request.
Standard references: 186 C, 361 C and 285 C.

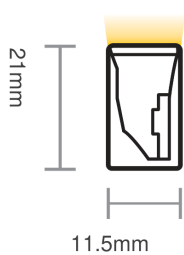


Black finish

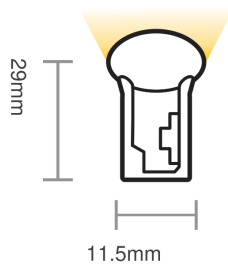
Designed to blend into dark backgrounds. Listed light colours:
2600 K and 4200 K.

Models, Dimensions & Technical Data

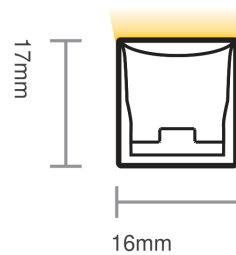
Model	Product code	Width × height	Bending	Coloured	Black
S3-Flat	NF-S3-Flat	11.5 × 21 mm	HB	Yes	Yes
S3-Dome	NF-S3-Dome	11.5 × 29 mm	HB	Yes	-
S4	NF-S4-VB	16 × 17 mm	VB	Yes	Yes
S4	NF-S4-HB	16 × 17 mm	HB	Yes	Yes
S10	NF-S10-VB	10 × 10 mm	VB	-	Yes



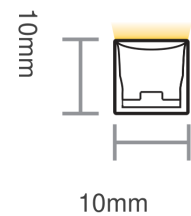
S3-Flat · 11.5 × 21 mm



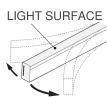
S3-Dome · 11.5 × 29 mm



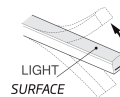
S4 · 16 × 17 mm



S10 · 10 × 10 mm



HB - Horizontal bending
S3-Flat, S3-Dome, S4-HB



VB - Vertical bending
S4-VB, S10-VB

Dimensions exclude connectors and endcaps. The minimum bending radius is not stated; request the model-specific value before installation.

Property	Specification
Supply / jacket	24 V DC / silicone
Circuit / power	CC; S10 black: CV / 4.5, 8 or 12 W/m, by configuration
Working temperature / impact	-40 °C to +55 °C / IK10
Warranty	5 years
Resistance properties	UV, solvents, flame and salt water
Connector construction	IP67 silicone injection-moulded

CC and CV describe the internal circuit type. Select the suitable 24 V DC driver and controls for the project. IP67 is specified for the moulded connector assembly; it is not a permanent-immersion rating.

Light Output & Available Configurations

Bright-coloured finish

Product code	Light colour	Voltage / circuit	W/m	lm/m	Cut (mm)	Max. run (m)	Load at max. run (W)
NF-S3-Flat	Red	24 V DC / CC	8	115	125	20	160
NF-S3-Flat	Green	24 V DC / CC	12	290	83.3	15	180
NF-S3-Flat	Blue	24 V DC / CC	12	70	83.3	15	180
NF-S3-Dome	Red	24 V DC / CC	8	90	125	20	160
NF-S3-Dome	Green	24 V DC / CC	12	250	83.3	15	180
NF-S3-Dome	Blue	24 V DC / CC	12	58	83.3	15	180
NF-S4-VB	Red	24 V DC / CC	8	200	125	20	160
NF-S4-VB	Green	24 V DC / CC	12	450	83.3	15	180
NF-S4-VB	Blue	24 V DC / CC	12	105	83.3	15	180
NF-S4-HB	Red	24 V DC / CC	8	175	125	20	160
NF-S4-HB	Green	24 V DC / CC	12	400	83.3	15	180
NF-S4-HB	Blue	24 V DC / CC	12	90	83.3	15	180

Black finish

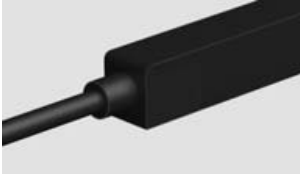
Product code	Light colour	Voltage / circuit	W/m	lm/m	Cut (mm)	Max. run (m)	Load at max. run (W)
NF-S3-Flat	2600 K	24 V DC / CC	12	30	55.6	15	180
NF-S3-Flat	4200 K	24 V DC / CC	12	30	55.6	15	180
NF-S4-VB	2600 K	24 V DC / CC	12	60	55.6	15	180
NF-S4-VB	4200 K	24 V DC / CC	12	60	55.6	15	180
NF-S4-HB	2600 K	24 V DC / CC	12	50	55.6	15	180
NF-S4-HB	4200 K	24 V DC / CC	12	50	55.6	15	180
NF-S10-VB	2600 K	24 V DC / CV	4.5	10	35.7	15	67.5
NF-S10-VB	4200 K	24 V DC / CV	4.5	10	35.7	15	67.5

Each row is a separate configuration. Red, green and blue are individual light colours, not an RGB colour-changing specification. Photometric values for custom jacket colours must be confirmed separately.

Coloured finish: not available for S10. Black finish: not available for S3-Dome. Jacket colour and emitted light colour are separate specification choices; confirm the required combination with LEDPRO.

Connections, Mounting & Project Planning

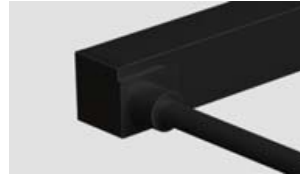
Factory-moulded connectors & endcaps



End cable exit



Bottom cable exit



Side cable exit



Moulded endcap

Transparent connectors are standard. Coloured or black connectors are available subject to a minimum order quantity. Cable colours: white or black. These are factory-moulded components, not loose endcaps for on-site fitting.

Accessories & Mounting Profiles



Aluminium mounting profile

Silver or black finish

Code:
On request



Bendable mounting profile

Silver or black finish

Code:
On request



Bendable serrated aluminium profile

Silver or black finish

Code:
On request

Select the profile for the specified Neon-Flex model. Profile dimensions and product codes are not provided in this specification.

Maximum Run Length & Connected Load

Configuration	Maximum run	Nominal connected load
Coloured red · 8 W/m	20 m	160 W
Coloured green / blue · 12 W/m	15 m	180 W
Black S3-Flat / S4 · 12 W/m	15 m	180 W
Black S10 · 4.5 W/m	15 m	67.5 W

Load = W/m × maximum run length, excluding driver reserve. The source does not state whether single- or double-ended feeding is required. Verify the feed arrangement, driver capacity, cable size and voltage drop for each project.