

INDOOR LUMINAIRES — SILICONE NEON FLEX · SIDE BEND

LC-NS Side Bend Neon Flex

13 PROFILES 4.5×11.6–20×20MM | DC12/24V & AC220V | 2835/120 LEDs PER M | 3000/4000/6500K

DOT-FREE SIDE BEND · CO-EXTRUDED SILICONE · 5-YEAR WARRANTY



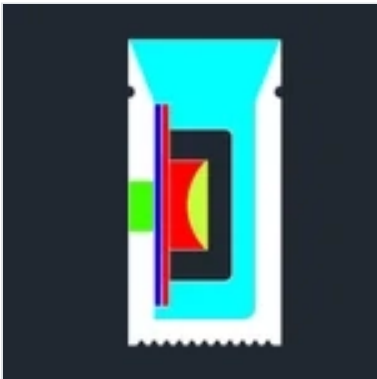
KEY FACTS

LC-NS is a 13-profile side bend silicone neon flex range, 4.5×11.6 to 20×20mm, swinging left and right in the horizontal plane to follow letter strokes, logos and fascia lines — one unbroken dot-free line. DC12/24V from 2835 chips at 120 LEDs/m in 3000/4000/6500K, with RGB versions on 7 profiles.

INPUT	DC12/24V (AC220V versions, see note)
ENGINE	2835 · 120 LEDs/m · 180/m on 20x20
LIGHT	3000/4000/6500K · RGB on 7 profiles
SECTION	13 sizes · 4.5x11.6–20x20mm · + -E
BUILD	Co-extruded silicone · dot-free line
RATING	Cut at marks · feed kits · reel-packed

- Channel letters
- Logos & signs
- Fascia lines
- Column wraps

ORDERING — LC-NS SLIM + STANDARD · 4.5×11.6–8×16 (1 OF 2)



ORDER CODE	SECTION	LEDs/M	CCT	OPTIONAL
LC-NS-4.5x11.6	4.5x11.6mm	2835/120	3000/4000/6500K	AC220V
LC-NS-4.5x11	4.5x11mm	2835/120	3000/4000/6500K	AC220V
LC-NS-5x8	5x8mm	2835/120	3000/4000/6500K	AC220V
LC-NS-5x12-E	5x12mm edge	2835/120	3000/4000/6500K	AC220V
LC-NS-6x12	6x12mm	2835/120	3000/4000/6500K	RGB 96/AC220V
LC-NS-6x13	6x13mm	2835/120	3000/4000/6500K	RGB 96/AC220V
LC-NS-8x16	8x16mm	2835/120	3000/4000/6500K	RGB 96/AC220V

※ Full code = table code + CCT, e.g. LC-NS-6x12 4000K single-color; add -RGB for color, e.g. LC-NS-6x12-RGB
RGB 96 LEDs/m on 6–12mm, 5050 60 LEDs/m on 16x16 · 20x20 runs 180 LEDs/m with 2700K extra
AC220V high non-touchable electrician-only runs · end caps + clips/profiles ordered separately — contact sales.

ORDERING — LC-NS STANDARD + JUMBO · 10×10–20×20 (2 OF 2)

ORDER CODE	SECTION	LEDS/M	CCT	OPTIONAL
LC-NS-10x10	10x10mm	2835/120	3000/4000/6500K	AC220V
LC-NS-10x18	10x18mm	2835/120	3000/4000/6500K	RGB 96/AC220V
LC-NS-12x12	12x12mm	2835/120	3000/4000/6500K	RGB 96/AC220V
LC-NS-12x25	12x25mm	2835/120	3000/4000/6500K	RGB 96/AC220V
LC-NS-16x16	16x16mm	2835/120	3000/4000/6500K	RGB 5050 60/AC220V
LC-NS-20x20	20x20mm	2835/180	2700/3000/4000/6500K	AC220V



APPLICATION

- **Stroke first:** 4.5–5mm hairlines for fine strokes, 6–12mm for standard letters, 16–20mm for landmarks.
- **Bend rule:** flat artwork that never changes height orders side bend; rises or falls order LC-NT top bend.
- **Color rule:** 7 profiles ship -RGB versions; slim four stay single-color for crisp white strokes.
- **Feed rule:** DC12/24V default outdoors, 24V for longer runs; AC220V high non-touchable only.

NOTES

- **Ordering:** pick section by letter stroke, then color — -E seats into aluminum channels, -RGB names the color version.
- **Supply & sealing:** DC12/24V drivers outdoors; AC220V high non-touchable electrician-only; send drawings to confirm bends.
- **Install:** cut at marked lines, join with feed kits; confirm minimum bending diameter before curving tight strokes.
- **Warranty & family:** 5-year warranty; LC-NS side bend — stepped facades see LC-NT top bend, 1010 detail see NEON-1010.



Scan for live datasheet