INDOOR LUMINAIRES — SILICONE NEON FLEX · TOP BEND

# NEON-1010 Top Bend Neon Flex

10×10MM | DC24V | 10W/M | 380–580 LM/M | CRI≥90 | 120°·IP67

DOT-FREE TOP EMITTING · CUT EVERY 50MM · 5M/ROLL · Ø350MM · 3-YEAR WARRANTY



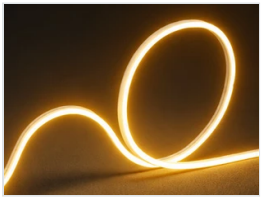
## KEY FACTS

NEON-1010 is a 10×10mm top bend silicone neon flex for facade outlines, landscapes and signs — co-extruded 7-part silicone with dot-free 120° top emission. DC24V 10W/m at 380–580 lm/m (38–58 lm/W), CRI≥90 SDCM<3, IP67 for -20 to 50°C outdoor duty, cuttable every 50mm on a 5m export roll.

| | |
|---|---|
| **INPUT** | DC24V (AC→DC driver req.) |
| **POWER** | 10W/m · 380–580 lm/m · 38–58 lm/W |
| **LIGHT** | CRI≥90 · SDCM<3 · 120° top |
| **CCT** | 3000K±150 / 4000K±200 / 6000K±300 |
| **BUILD** | 10×10mm · 105g/m · 8mm PCB ≥120 LEDs/m |
| **RATING** | IP67 · -20~50°C · cut every 50mm · 5m/roll |

Facade outlines | Landscape edges | Cove & display | Signage letters

## ORDERING — NEON-1010 · 10×10MM TOP BEND (58-11)



| ORDER CODE | POWER | SIZE (W×H) | CCT | BEAM | IP |
|---|---|---|---|---|---|
| **5811010-K30** | 10W/m | 10×10mm | 3000K±150 | 120° | IP67 |
| **5811010-K40** | 10W/m | 10×10mm | 4000K±200 | 120° | IP67 |
| **5811010-K60** | 10W/m | 10×10mm | 6000K±300 | 120° | IP67 |

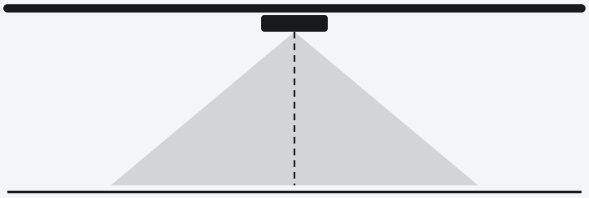
※ Full code = table code (CCT built in), e.g. 5811010-K40 is 4000K · 10×10mm · 120° · IP67
K30=3000K ±150 · K40=4000K ±200 · K60=6000K ±300 — 5m/roll, cuttable every 50mm
End caps (bottom/side/front) + tail plug + clips/profiles ordered separately — contact sales.



## APPLICATION

- **Outlines:** top-bend traces building edges, arches and window frames as one dot-free line.
- **Bend rule:** bend vertical plane only — min 300mm fold dia, 350mm inner dia on 5m roll; never twist.
- **Cut rule:** cut only at marked 50mm windows (bottom window) with shear — one motion.
- **Outdoor rule:** IP67 silicone resists corrosion, acid, alkali, UV — end caps glued 2–3h before moving.

## LIGHT DISTRIBUTION — 120° TOP LINEAR WASH



**120° · diffuse linear wash**
facade · landscape · signage — dot-free top face

| BEAM | Ø AT 1 M* | BEST FOR |
|---|---|---|
| **120°** | Ø3.46m | Continuous outlines & sign strokes |

Ø = 2 × 1 m × tan(θ/2) · schematic geometry for a linear source top face, not measured spot photometry.

## NOTES

- **Ordering:** pick CCT at order — K30/K40/K60 maps to the three table codes; all share 10×10mm 10W/m 120° IP67.
- **Supply & sealing:** DC24V only — size driver at total W×1.2, 5m per feed; solder red + / black −, glue end caps 2–3h to keep IP67.
- **Install:** mount emitting face outward — screw clips, aluminum or bendable profiles; do not pull beyond 7kg per metre.
- **Warranty & family:** 3-year warranty; neon flex 10×10 top bend — for rigid continuous runs see LINA-K 1614, for bollard points see MUSH-D.

Scan for live datasheet