120V NEON TOP BEND | STATIC WHITE

NOVA✴FLEX®

- Dimmable architectural-grade (dot-free)
- Great for long runs up to 164 feet to outline buildings, coves or landscape applications
- Indoor / outdoor rated
- No external driver required
- ETL Listed with hardwire or plug option
- UV resistant
- Over-voltage/-current/-temp protection
- CRI 80+
- Professional, streamlined custom-finish
  with 5 - 7 week lead time

ETL LISTED US
Intertek
5017228

RoHS COMPLIANT

DIMMABLE

Create a complete assembled solution.

Project Name _____

Fixture Type	Phase
Specifier	Date
SKU	SKU
SKU	SKU

PERFORMANCE

SKU	L/ft	EFFICACY (L/w)
● NF/SP-NEON-O-120V-TB-**2700K**	280	66
● NF/SP-NEON-O-120V-TB-**3000K**	284	67
● NF/SP-NEON-O-120V-TB-**3500K**	301	70
● NF/SP-NEON-O-120V-TB-**4000K**	305	71
● NF/SP-NEON-O-120V-TB-**5000K**	310	73
● NF/SP-NEON-O-120V-TB-**6500K**	298	70

ELECTRICAL

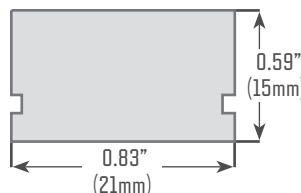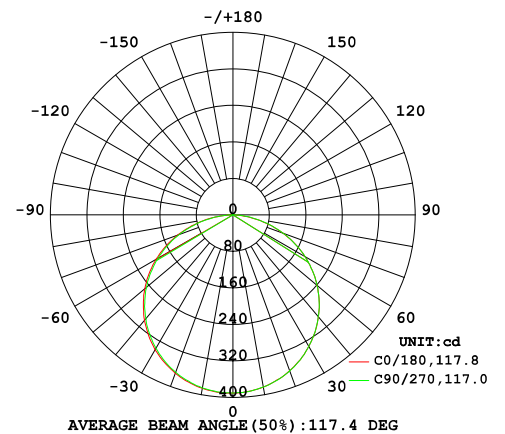| Power	4.27 w/ft
Voltage	120V
Wire Size	18 AWG
Lead	1.64' / 4.92'
Jumper	3" min / 48" max
Dimming	Compatible Dimmers *(take care not to exceed dimmer's power rating, recommended max lengths noted below):* Triac, Lutron DVCL-153P *(max 133')* Triac, Lutron DVELV-300P *(max 66')* Triac, Lutron DVLV-10P *(all lengths, up to 164' max run of strip)*

QUALITY ASSURANCE

CCT Binning	3-step MacAdam
Warranty	5 Years Indoor 3 Years Outdoor Warranty is 4 years for indoor and 2 years for outdoor for applications requiring more than 16 hours of daily use
Lumen Maintenance	Indoor 50,000 hrs Outdoor 36,000 hrs
Certifications	ETL Listed RoHS compliant

PHYSICAL

Ambient Temp	-4° to 113°F
Environment	IP65
Mounting	Clips or Channel
Cut Length	3.94"
Bend Diameter	6.3"
Max Run	164 ft
Dimensions	width 0.83" height 0.59"

0.59" (15mm)
0.83" (21mm)

LIGHT DIST (3000K)

UNIT:cd
C0/180,117.8
C90/270,117.0

AVERAGE BEAM ANGLE(50%):117.4 DEG

CRI/R9 at 3000K	82 / 4
Rf/Rg at 3000K	82.2 / 94.5

Beam Angle   120°

DOWNLOAD PHOTOMETRICS

120V NEON TOP BEND | STATIC WHITE
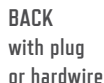
INJECTION MOLDED LEAD OPTIONS *Please note, all neon products are NOT field-trimmable*

BACK
with plug
or hardwire

L + 12mm (0.47")
L = LED Illumination Length + 6mm (0.24")
500mm (19.69")
15mm (0.59")
21mm (0.83")

UL SJTW 18 AWG WIRE
125VAC BA

Plug-in complies with UL2388

Please note, this water wicking barrel helps prevent water from running down the wire into the fixture. Length is .5", diameter is .5". Do not remove it.

BOTTOM
with plug
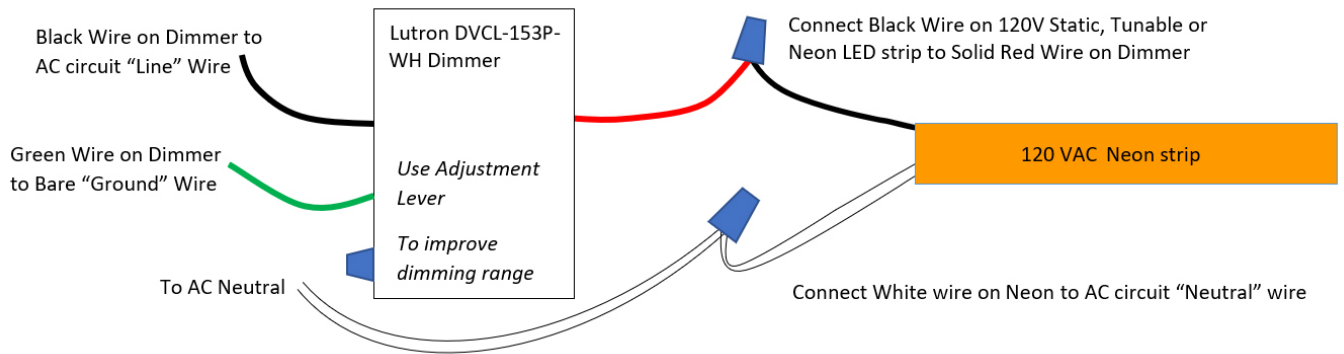or hardwire

L = LED Illumination Length + 6mm (0.24")
500mm (19.69")
15mm (0.59")
21mm (0.83")

UL SJTW 18 AWG WIRE
125VAC BA

Plug-in complies with UL2388

MOUNTING OPTIONS *For all ceiling installations, we recommend the use of the rigid aluminum profile, with the white overlay clips*

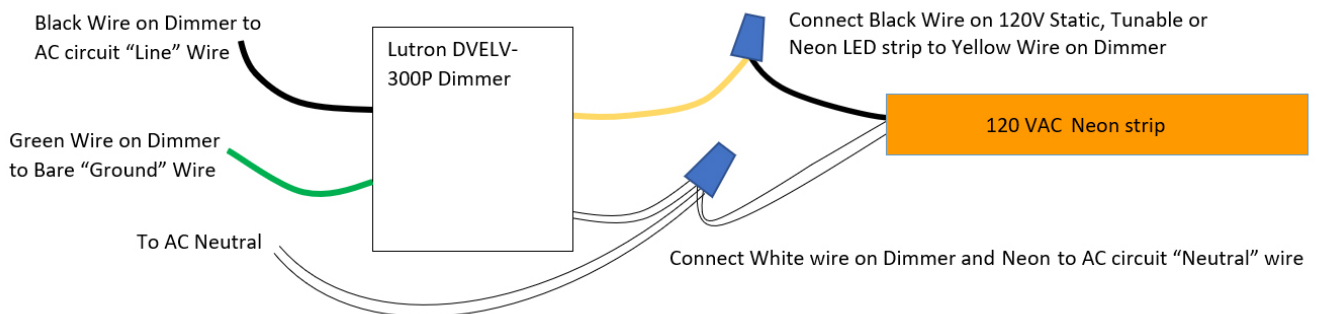|	SKU	Dimensions	Mounting	
	NF/SP-CH-NEON-120V-TB-**BRACKET** Silver Aluminum Clip	width: 0.83" height: 0.59" length: 1.19"	1 clip every 18" mounts behind neon (1 screw/clip, 2 clips/pack)	Surface mounting / Recessed mounting
	NF/SP-CH-NEON-120V-TB-**CLIP** Clear PC Clip	width: 1.69" (includes flanges for screws) height: 0.59" length: 0.57"	1 clip every 18" over front of neon (2 screws/clip, 2 clips/pack)	Surface mounting
	NF/SP-CH-NEON-120V-TB-**1M** Silver Rigid Aluminum Profile	width: 0.97" (base) width: 1.16" (includes top flanges) height: 0.44" length: 1 meter	1 screw every 18" (profile has pre-drilled holes). The white clips snap over the neon, into the grooves on the side of the profile, to firmly secure the neon. The top-bend neon can be pressed into the profile, using even pressure, working from one end to the other. Please note, the neon body and the end caps will fit in this profile.	Surface mounting

INSTALLATION: DIMMERS

Follow all notes in the install guide supplied with the dimmer. Use only with hardwired installation. **DO NOT INSTALL DIMMER TO control outlets / plug-in receptacles or use with other loads.**
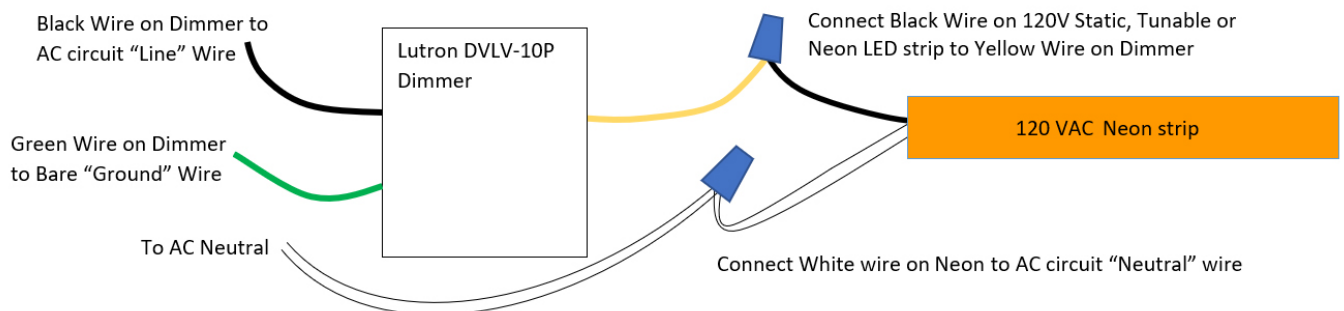
LUTRON DVCL-153P

Black Wire on Dimmer to AC circuit "Line" Wire

Green Wire on Dimmer to Bare "Ground" Wire

To AC Neutral

Lutron DVCL-153P-WH Dimmer

Use Adjustment Lever

To improve dimming range

Connect Black Wire on 120V Static, Tunable or Neon LED strip to Solid Red Wire on Dimmer

120 VAC Neon strip

Connect White wire on Neon to AC circuit "Neutral" wire

LUTRON DVELV-300P

Black Wire on Dimmer to AC circuit "Line" Wire

Green Wire on Dimmer to Bare "Ground" Wire

To AC Neutral

Lutron DVELV-300P Dimmer

Connect Black Wire on 120V Static, Tunable or Neon LED strip to Yellow Wire on Dimmer

120 VAC Neon strip

Connect White wire on Dimmer and Neon to AC circuit "Neutral" wire

LUTRON DVLV-10P

Black Wire on Dimmer to AC circuit "Line" Wire

Green Wire on Dimmer to Bare "Ground" Wire

To AC Neutral

Lutron DVLV-10P Dimmer

Connect Black Wire on 120V Static, Tunable or Neon LED strip to Yellow Wire on Dimmer

120 VAC Neon strip

Connect White wire on Neon to AC circuit "Neutral" wire

NOTE: Must use appropriate components that comply with local codes if installed outdoors (weather-proof connectors, cord covers, enclosures, etc). This product is NOT field-cuttable, which would void the IP rating and warranty.