

# 120V NEON SIDE BEAM FLICKER FREE NOVA FLEX®



- Flicker-free and dot-free architectural-grade  
- Title24 JA8 compliant
- Great for long runs up to 82 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



Create a complete assembled solution.

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_ Phase \_\_\_\_\_

Specifier \_\_\_\_\_ Date \_\_\_\_\_

SKU \_\_\_\_\_ SKU \_\_\_\_\_

SKU \_\_\_\_\_ SKU \_\_\_\_\_

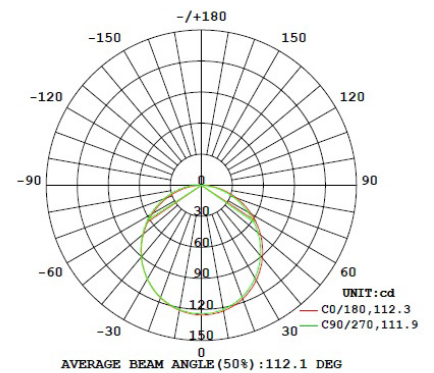
## PERFORMANCE

SKU	L/ft	EFFICACY (L/w)
NF/SP-NEON-0-120V-SB-2700K-FF	101	28
NF/SP-NEON-0-120V-SB-3000K-FF	107	30
NF/SP-NEON-0-120V-SB-3500K-FF	108	30
NF/SP-NEON-0-120V-SB-4000K-FF	113	31
NF/SP-NEON-0-120V-SB-5000K-FF	113	31
NF/SP-NEON-0-120V-SB-6500K-FF	109	30

## QUALITY ASSURANCE

CCT Binning	3-step MacAdam
Warranty	5 Years Indoor 3 Years Outdoor <small>Warranty is 4 years for indoor and 2 years for outdoor for applications requiring more than 16 hours of daily use</small>
Lumen Maintenance	Indoor 50,000 hrs Outdoor 36,000 hrs
Certifications	ETL Listed RoHS compliant Title24 JA8 compliant

## LIGHT DIST (3000K)

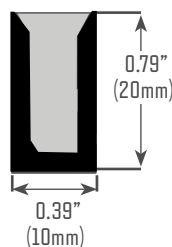


## ELECTRICAL

Power	3.6 w/ft
Voltage	120V
Wire Size	18 AWG
Lead	1.64' / 4.92'
Jumper	3" min / 48" max
Dimming	Non Dimming

## PHYSICAL

Ambient Temp	-4° to 113°F
Environment	IP65
Mounting	Clips or Channel (rigid or bendable)
Cut Length	12"
Bend Diameter	4.72"
Max Run	82 ft
Dimensions	width 0.39" height 0.79"

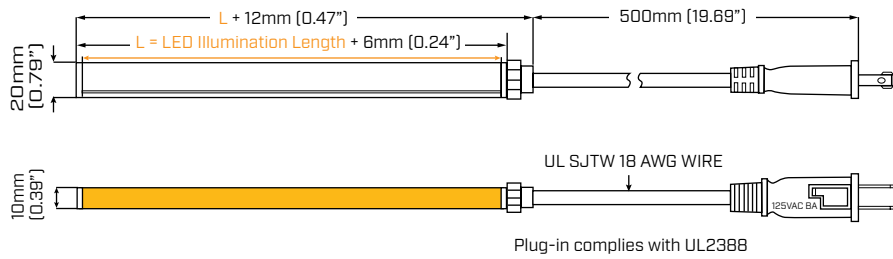


CRI/R9 at 3000K	92.4 / 60.8
Rf/Rg at 3000K	90.6 / 99.0
Beam Angle	
Flicker Percentage	0.12
Flicker Index	0.03
Flicker Frequency	1 Hz

[DOWNLOAD PHOTOMETRICS](#)

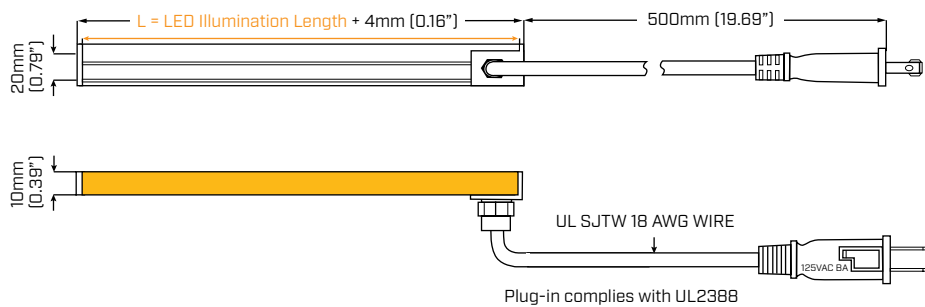
## INJECTION MOLDED LEAD OPTIONS

BACK  
with plug  
or hardwire


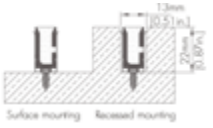



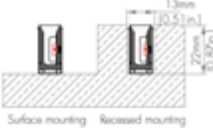

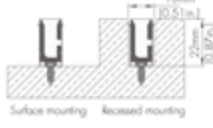


SIDE (left/right)  
with plug  
or hardwire

\* This drawing is showing  
the left side



## MOUNTING OPTIONS *For all ceiling installations, we recommend the use of either the bendable serrated profile, or the rigid aluminum profile*

SKU	Dimensions	Mounting
 <p><b>NF/SP-CH-NEON-120V-SB-BRACKET</b> White Aluminum Bracket</p>	<p>width: 0.39" height: 0.79" length: 0.72"</p>	<p>1 clip every 18" mounts behind neon (1 screw/clip, 2 clips/pack)</p> 
 <p><b>NF/SP-CH-NEON-120V-SB-CLIP</b> Clear PC Clip</p>	<p>width: 1.25" (includes flanges for screws) height: 0.88" length: 0.56"</p>	<p>1 clip every 18" mounts over front of neon (2 screws/clip, 2 clips/pack)</p> 
 <p><b>NF/SP-CH-NEON-120V-SB-FLEX</b> Silver Bendable, Serrated Aluminum Profile</p>	<p>width: 0.51" height: 0.87" length: 1 meter</p>	<p>1 screw every 18" To secure this channel to the mounting surface, screws can be installed in the gaps at the bottom/ base of the channel as needed. Screws can be installed on straight runs (gaps will be normal/ screws can secure the channel), and on the inside edges of curved runs. Screws won't fit on the outside edge, because the gaps will be too big. Neon body and end caps will fit into profile.</p> 
 <p><b>NF/SP-CH-NEON-120V-SB-1M</b> Silver Rigid Aluminum Profile</p>	<p>width: 0.51" height: 0.87" length: 1 meter</p>	<p>1 screw every 18" (channel has pre-drilled holes) Neon can be pressed into the channel, using even pressure, working from one end to the other. Neon body and end caps will fit into profile.</p> 

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-cutttable, which would void the IP rating and warranty.