

# BL neonVIEW FLAT SI SC

Diffused, Flexible, Linear LED Lighting,  
24VDC, Constant Voltage  
Flat Profile, Silicone, Single Color

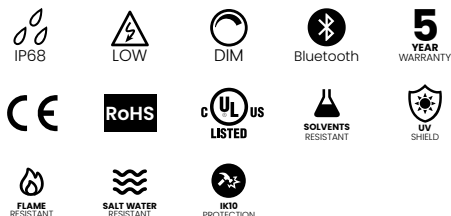


BL neonVIEW FLAT SI SC has a fully flexible Silicone encapsulated diffuser and is rated for a range of operating temperatures from -40° F to 131° F (-40° C to 55° C) for sustained ability to weather the elements, even in the most extreme environmental conditions. A Flat shaped lens profile with 120° beam angle delivers up to 122 lm/ft and provides uniform, dot-free illumination. IP68 wet location rated injection molded terminations allow for free configuration of long and seamless lines of light with multiple connection orientation options. Ideal for building outlines, facades, signage and exterior architectural accents.

**Dot-free** **Seamless connections** **-40°F to 131°F (-40°C to 55°C)**

<b>CLIENT</b>	
<b>PROJECT NAME</b>	
<b>LOCATION</b>	
<b>DATE</b>	

## Product Detail



<b>Lighting</b>	Lamp	LED, SMD 2835
	LED's Per Foot	21 LEDs/ft (72 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
<b>Electrical</b>	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.12A (White)
	Connections	18AWG, Copper Conductors
	Power Cable Length	Standard 10ft (3m). Also available in 16ft (5m) and 32ft (10m)
<b>Mechanical</b>	Circuit	Class 2
	Housing Construction	Injection Moulded White Silicone
	Minimum Bend Radius	2.25" (60mm)
<b>Environmental</b>	Operating Temperature	-40°F to 131°F (-40°C to 55°C)
	Ingress Protection	IP68
	Impact Protection	IK10
	Vibration Rating	-
	Resistance	UV, Flame, Solvents and Saltwater Resistant
	Certifications	cULus, CE, RoHS Compliant

## Performance

CCT/Color		2200K	2700K	3000K	3500K	4000K	5700K	Red	Green	Blue	Amber
<b>Power</b>	W/FT (W/m)	3.66 (12)						2.44 (8)	3.66 (12)		2.44 (8)
<b>Lumens</b>	lm/FT (lm/m)	98 (320)	110 (360)	122 (400)	122 (400)	122 (400)	122 (400)	40 (130)	107 (350)	21 (70)	40 (130)
<b>Efficacy</b>	lm/W	27	30	33	33	33	33	16	29	6	16
<b>CRI</b>	CRI	80						-			
<b>Increment</b>	inch (mm)	3.28 (83.3)						4.92 (125)	3.28 (83.3)		4.92 (125)
<b>Max. Length</b>	ft (m)	24ft 6in (7.5m)						35ft 11in (10.9m)	24ft 6in (7.5m)		35ft 11in (10.9m)

## Ordering

Product Code	CCT/Color	Lead Orientation		Mounting Accessories*	
BL neonVIEW FT SI					
	2200K	NVS FT BC 68	= Back Lead	NV CPS	= Mounting Clip
	2700K	NVS FT EC 68	= End Lead	NV CHS	= Mounting Channel
	3000K	NVS FT RC 68	= Right Side Lead	NV RCPS	= Recessed Mounting Clip
	3500K	NVS FT LC 68	= Left Side Lead	NV RCHS	= Recessed Mounting Channel
	4000K			NV FCHS AL	= Flexible Mounting Channel
	5700K				
	Red				
	Green				
	Blue				
	Amber				

\* Stainless steel and composite mounting options are also available.

**BL LIGHTING**  
ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8  
P: 1-804-874-4405 E: info@bllighting.com  
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

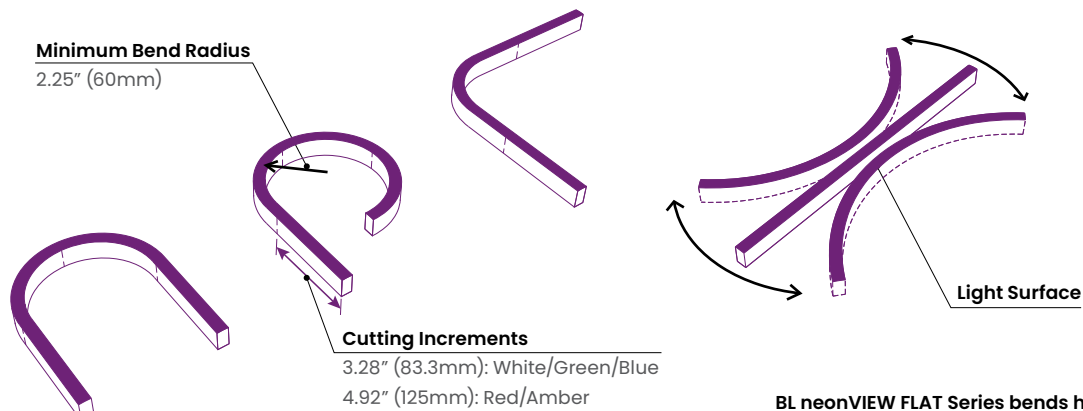
Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information,  
please download the  
BL LIGHTING catalog

bllighting.com



## Minimum Bend Radius and Bend Orientation



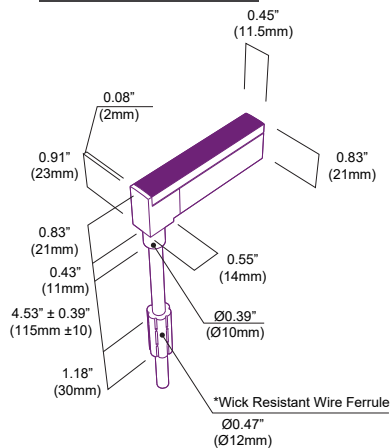
**BL neonVIEW FLAT Series bends horizontally**

Vertical bend option available on BL neonVIEW SIDE Series

## Dimensions & Lead Orientations

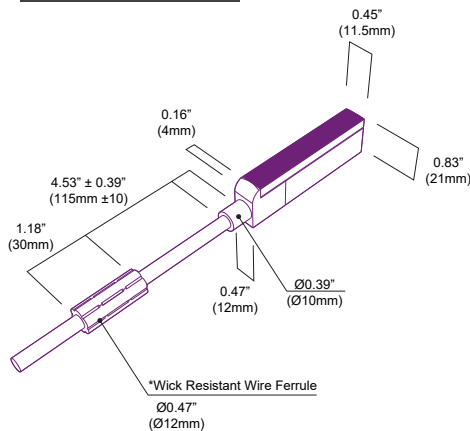
### Back Lead

NVS FT BC 68

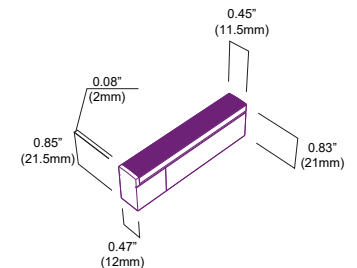


### End Lead

NVS FT EC 68

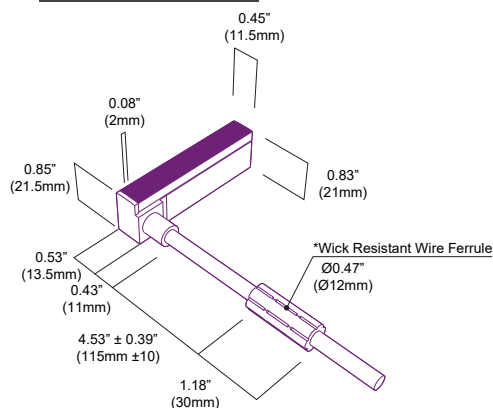


### End Cap



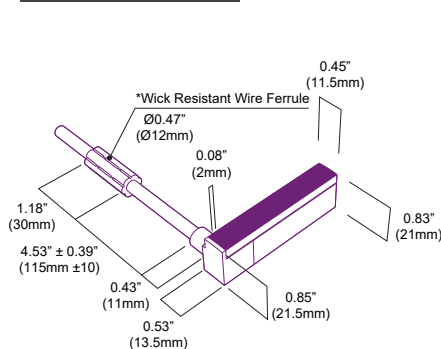
### Right Side Lead

NVS FT RC 68



### Left Side Lead

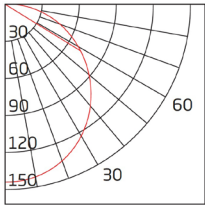
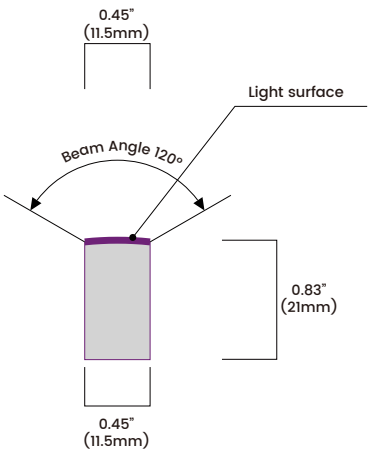
NVS FT LC 68



\*The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the BL neonVIEW Termination Connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.



Beam Angle

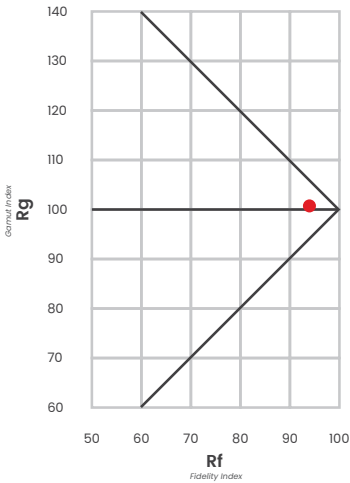
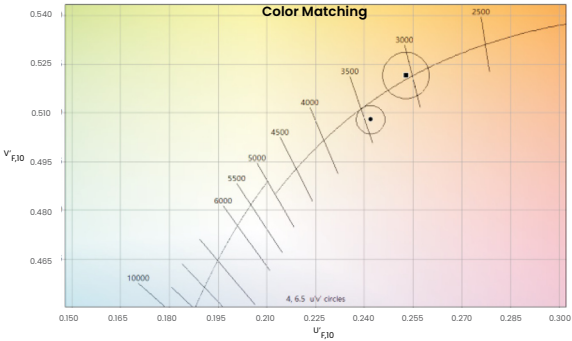
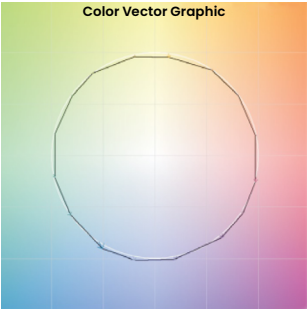


Unit: cd  
— C90/270

Average Beam Angle (50%): 113.2°

TM-30

CCT	CRI	Rf	Rg
3000K	80	94	101



\*All results in accordance with ANSI C78.377 standard

