

BL neonVIEW FLAT SI RGBW

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

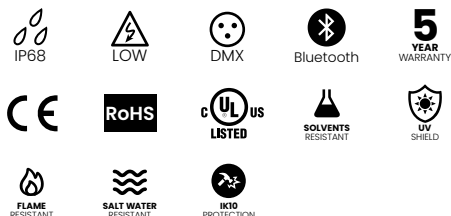


BL neonVIEW FLAT SI RGBW has a fully flexible Silicone encapsulated diffuser and is rated for a range of operating temperatures from -40° F to 131° F (-40° C to 55° C) for sustained ability to weather the elements, even in the most extreme environmental conditions. A Flat shaped lens profile with 120° beam angle delivers up to 97 lm/ft and provides uniform, dot-free illumination. BL neonVIEW FLAT SI RGBW delivers luminous white light in 2700K, 3000K, or 4000K, plus RGB for tailor-made colors and scenes. A dynamic range of compatible BL controlTASK controller options are available to easily create sophisticated and interactive illuminated displays.

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

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Lamp	LED, SMD 5050
	LED's Per Foot	18 LEDs/ft (60 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	20AWG, Copper Conductors
	Power Cable Length	Standard 10ft (3m). Also available in 16ft (5m) and 32ft (10m)
Mechanical	Circuit	Class 2
	Housing Construction	Injection Moulded White Silicone
	Minimum Bend Radius	2.25" (60mm)
	Operating Temperature	-40°F to 131°F (-40°C to 55°C)
Environmental	Ingress Protection	IP68
	Impact Protection	IK10
	Vibration Rating	-
	Resistance	UV, Flame, Solvents and Saltwater Resistant
	Certifications	cULus, CE, RoHS Compliant

Performance

CCT/Color		RGB	RGBW (2700K)	RGBW (3000K)	RGBW (4000K)
Power	W/FT (W/m)	3.66 (12)	4.57 (15)		
Lumens	lm/FT (lm/m)	59 (195)	97 (318)	97 (318)	97 (318)
Efficacy	lm/W	16	21	21	21
CRI	CRI	-	80 (white LED only)		
Increment	inch (mm)	3.94 (100)			
Max. Length	ft (m)	24ft 6in (7.5m)	19ft 6in (5.95m)		

Ordering

Product Code	Color	Lead Orientation		Mounting Accessories*	
BL neonVIEW FT SI					
	RGB	NVS RGBW FT BC 68	= Back Lead	NV CPS	= Mounting Clip
	RGBW (2700K)	NVS RGBW FT EC 68	= End Lead	NV CHS	= Mounting Channel
	RGBW (3000K)	NVS RGBW FT RC 68	= Right Side Lead	NV RCPS	= Recessed Mounting Clip
	RGBW (4000K)	NVS RGBW FT LC 68	= Left Side Lead	NV RCHS	= Recessed Mounting Channel
				NV FCHS AL	= Flexible Mounting Channel

* Stainless steel and composite mounting options are also available.

BL LIGHTING
ILLUMINATE EVERYTHING

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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



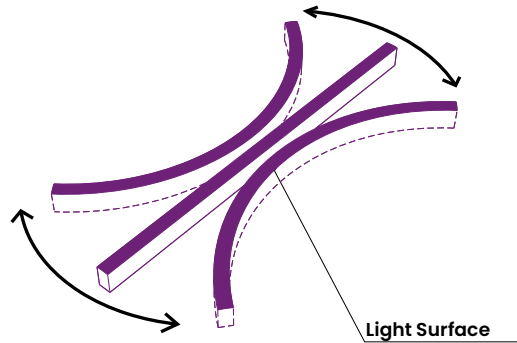
Minimum Bend Radius and Bend Orientation

Minimum Bend Radius

2.25" (60mm)

Cutting Increments

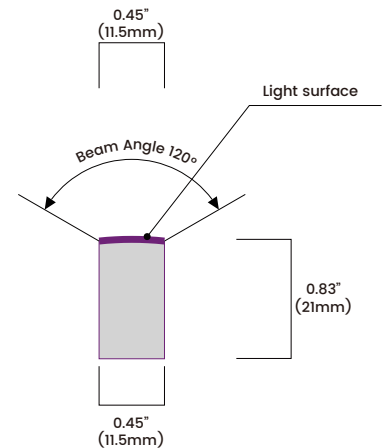
3.94" (100mm)



BL neonVIEW FLAT Series bends horizontally

Vertical bend option available on BL neonVIEW SIDE Series

Beam Angle & Viewing Angle

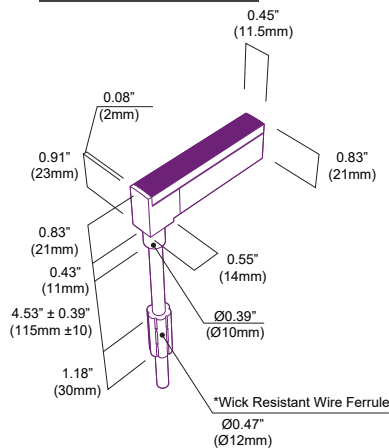


Average Beam Angle (50%): 111.4°

Dimensions & Lead Orientations

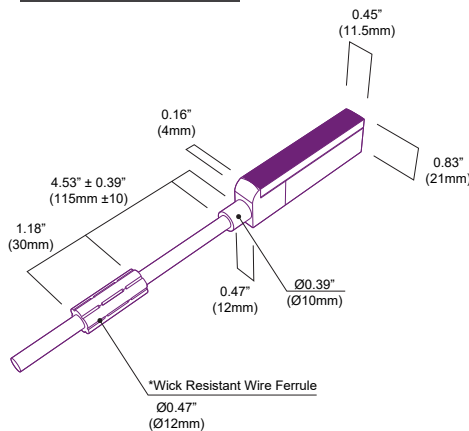
Back Lead

NVS RGBW FT BC 68

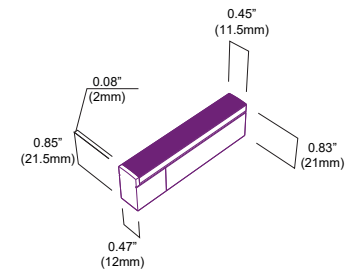


End Lead

NVS RGBW FT EC 68

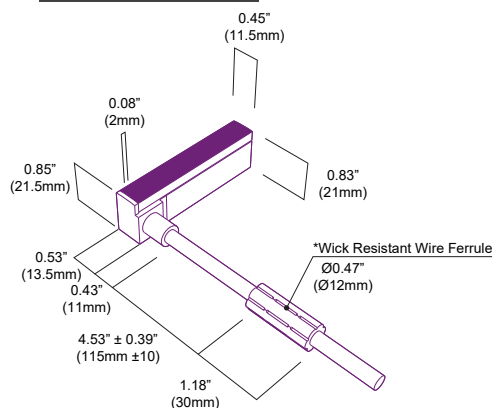


End Cap



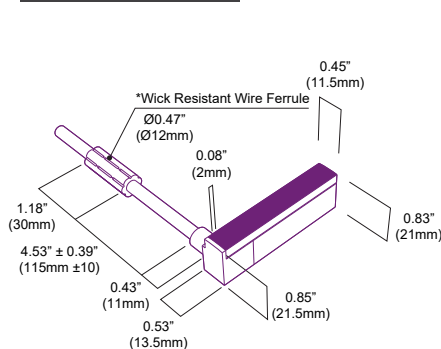
Right Side Lead

NVS RGBW FT RC 68



Left Side Lead

NVS RGBW 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.

