

BL neonVIEW PIXEL BRIGHT SIDE SI HB

Diffused, Flexible, Linear LED Lighting,
24VDC, Constant Voltage, Horizontal Bend,
Bright Side Profile, Silicone, Color Chasing



Create expressive motion, chase, and pixel effects beyond RGBW color changing and fading, allowing for dynamic animations and mesmerizing lighting displays. The BL neonVIEW PIXEL BRIGHT SIDE SI HB has a wider profile lens that delivers up to 268 lm/ft of uniform, dot-free illumination. The flexible, square shaped Silicone encapsulated diffuser bends horizontally alongside the light surface with a 120° beam distribution and is perfect for circles, contours and side-emitting light.

Dot-free **Seamless connections** **-40°F to 113°F (-40°C to 45°C)** **Color Chasing**

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Lamp	LED, SMD 5050
	LED's Per Foot	26 LEDs/ft (84 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	DMX
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	18AWG, 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	5.9" (150mm)
	Operating Temperature	-40°F to 113°F (-40°C to 45°C)
Environmental	Ingress Protection	IP68
	Impact Protection	IK10
	Vibration Rating	3G
	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)	5.03 (16.5)	6.70 (22)		
Lumens	lm/FT (lm/m)	163 (535)	268 (879)	268 (879)	268 (879)
Efficacy	lm/W	32	40	40	40
CRI	CRI	-	80 (white LED only)		
Increment	inch (mm)	3.28 (83.3)			
Max. Length	ft (m)	17ft 6in (5.33m)	13ft 3in (4.04m)		

Ordering

Product Code	Color	Lead Orientation	Mounting Accessories*
BL neonVIEW IC BR SL SI L3 HB			
	RGB	NVS IC BRSL BC 68 = Back Lead	NVBRSL HB CPS = Mounting Clip
	RGBW (2700K)	NVS IC BRSL EC 68 = End Lead	NVBRSL HB CHS = Mounting Channel
	RGBW (3000K)	NVS IC BRSL RC 68 = Right Side Lead	NVBRSL HB RCPS = Recessed Mounting Clip
	RGBW (4000K)	NVS IC BRSL LC 68 = Left Side Lead	NVBRSL HB RCHS = Recessed Mounting Channel

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.

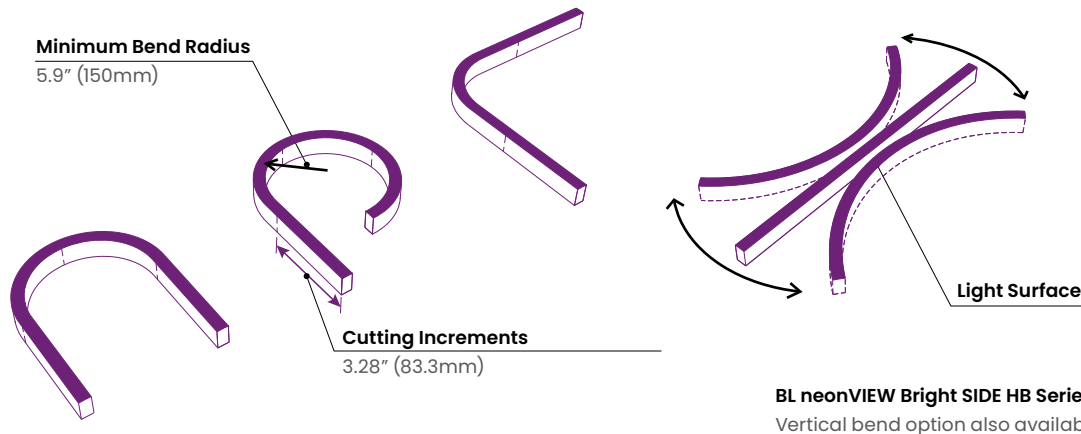
Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information,
please download the
BL LIGHTING catalog

bllighting.com



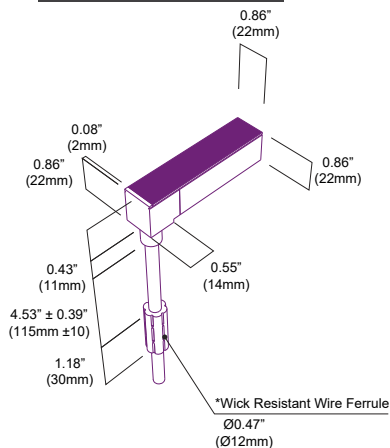
Minimum Bend Radius and Bend Orientation



Dimensions & Lead Orientations

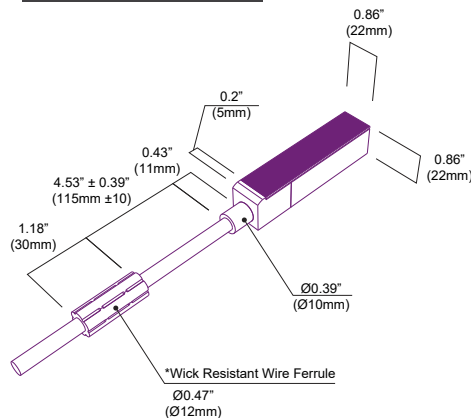
Back Lead

NVS IC BRSL BC 68

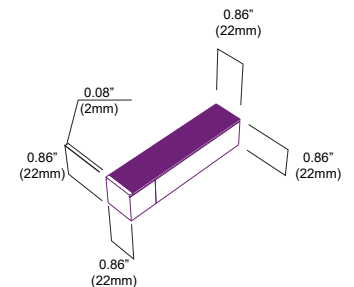


End Lead

NVS IC BRSL EC 68

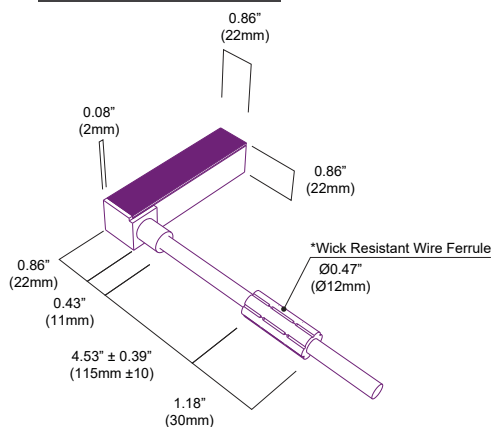


End Cap



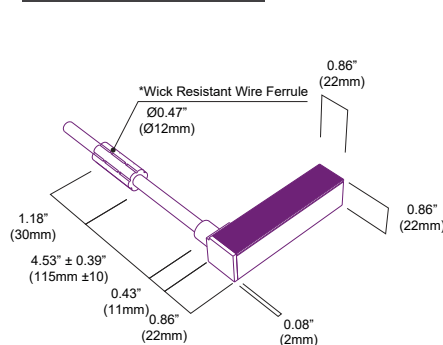
Right Side Lead

NVS IC BRSL RC 68



Left Side Lead

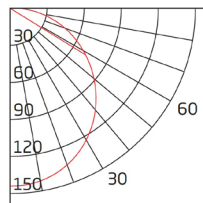
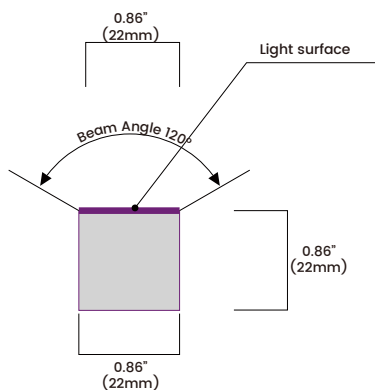
NVS IC BRSL LC 68



*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%): 112.1°

