BL neonVIEW PIXEL FLAT SI ID

Diffused, Flexible, Linear LED Lighting,
24VDC, Constant Voltage
Flat Profile, Silicone, Color Chasing
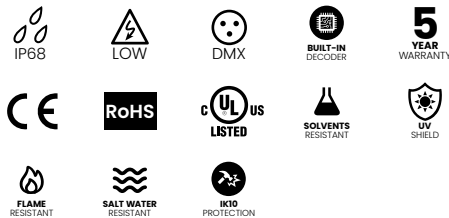
BL LIGHTING
SINCE 1986

BL neonVIEW PIXEL FLAT SI ID is engineered with an internal DMX decoder, built-in to the LED luminaire, offering an innovative new solution to meet requirements for pixel chasing lighting projects with unique space and budget constraints. Intelligent and addressable, this digital pixel ic type LED linear luminaire integrates expressive motion, animation and chasing effects to create custom tailored and mesmerizing illuminated and interactive displays.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Dot-free	Seamless connections	–40°F to 131°F (–40°C to 55°C)	Color Chasing

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
	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)
	Circuit	Class 2
Mechanical	Housing Construction	Injection Moulded White Silicone
	Minimum Bend Radius	2.25" (60mm)
Environmental	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

IP68 · LOW · DMX · BUILT-IN DECODER · 5 YEAR WARRANTY · CE · RoHS · cULus LISTED · SOLVENTS RESISTANT · UV SHIELD · FLAME RESISTANT · SALT WATER RESISTANT · IK10 PROTECTION

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)	37 (120)	61 (200)	61 (200)	61 (200)
Efficacy	lm/W	10	13	13	13
CRI	CRI	–	80 (white LED only)		
Increment	inch (mm)	6.57 (167)			
Max. Length	ft (m)	24ft 6in (7.5m)	19ft 6in (5.95m)		

Ordering

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

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.

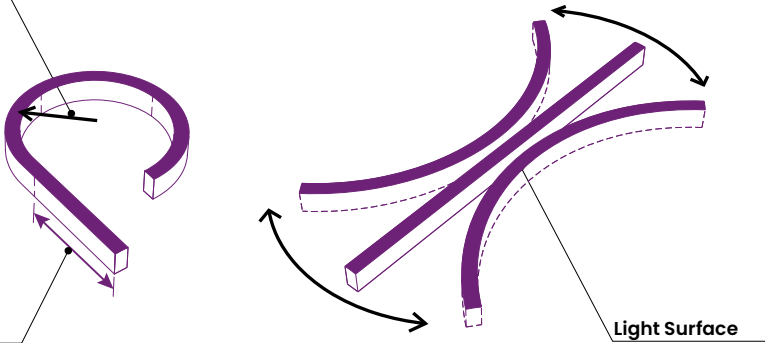For more information, please downlad the BL LIGHTING catalog

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Minimum Bend Radius and Bend Orientation

Minimum Bend Radius
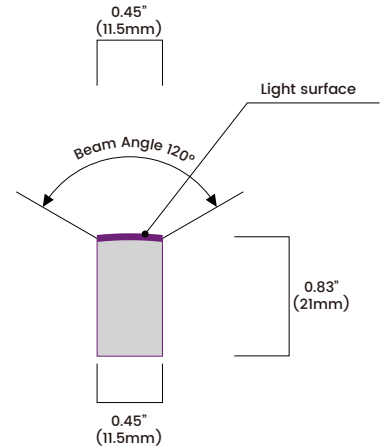2.25" (60mm)

Cutting Increments
6.57" (167mm)

Light Surface

BL neonVIEW FLAT Series bends horizontally
Vertical bend option available on BL neonVIEW SIDE Series
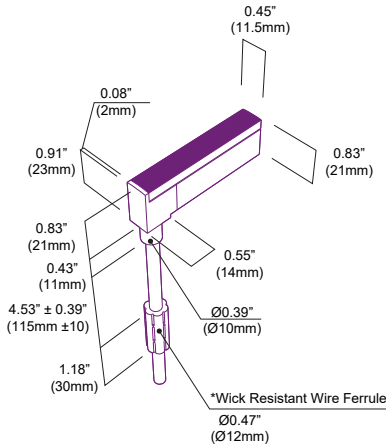
Beam Angle & Viewing Angle

0.45"
(11.5mm)

Light surface

Beam Angle 120°

0.83"
(21mm)

0.45"
(11.5mm)

Average Beam Angle (50%): 114.4°

Dimensions & Lead Orientations

Back Lead
NVS IC FT BC 68

0.45"
(11.5mm)

0.08"
(2mm)

0.91"
(23mm)

0.83"
(21mm)

0.83"
(21mm)

0.43"
(11mm)

0.55"
(14mm)

4.53" ± 0.39"
(115mm ±10)

Ø0.39"
(Ø10mm)

1.18"
(30mm)

*Wick Resistant Wire Ferrule

Ø0.47"
(Ø12mm)

End Lead
NVS IC FT EC 68

0.45"
(11.5mm)

0.16"
(4mm)

0.83"
(21mm)

4.53" ± 0.39"
(115mm ±10)

1.18"
(30mm)

0.47"
(12mm)

Ø0.39"
(Ø10mm)

*Wick Resistant Wire Ferrule
Ø0.47"
(Ø12mm)

End Cap

0.45"
(11.5mm)

0.08"
(2mm)

0.85"
(21.5mm)

0.83"
(21mm)

0.47"
(12mm)
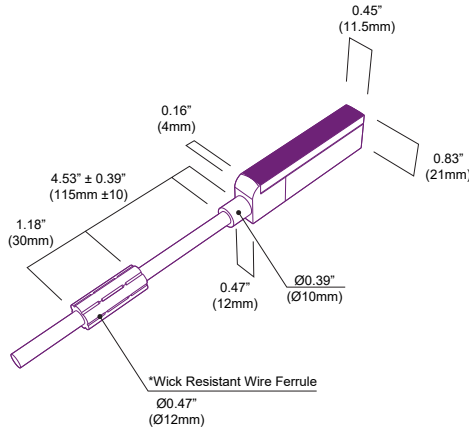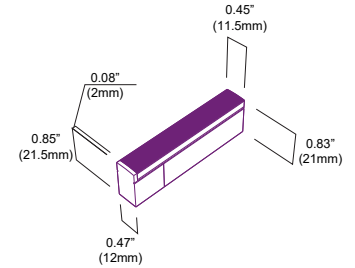
Right Side Lead
NVS IC FT RC 68

0.45"
(11.5mm)

0.08"
(2mm)

0.85"
(21.5mm)

0.83"
(21mm)

0.53"
(13.5mm)

0.43"
(11mm)

*Wick Resistant Wire Ferrule
Ø0.47"
(Ø12mm)

4.53" ± 0.39"
(115mm ±10)

1.18"
(30mm)
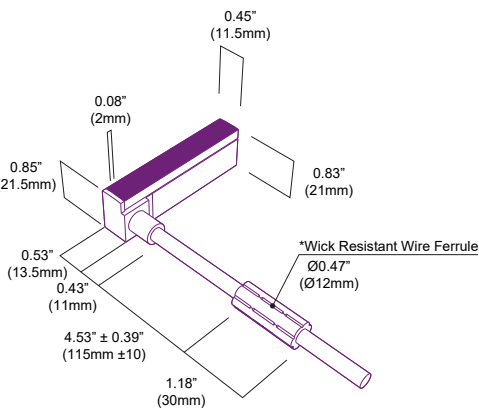
Left Side Lead
NVS IC FT LC 68

0.45"
(11.5mm)

*Wick Resistant Wire Ferrule
Ø0.47"
(Ø12mm)

0.08"
(2mm)

0.83"
(21mm)

1.18"
(30mm)

4.53" ± 0.39"
(115mm ±10)

0.43"
(11mm)

0.85"
(21.5mm)

0.53"
(13.5mm)
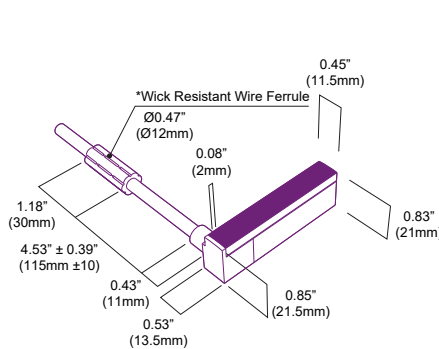
The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the BL neonVIEW Termination Connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.

For more information, please downlad the BL LIGHTING catalog

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