Side Select V Pixel ID

BL Select Neon

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

BL LIGHTING SINCE 1986

Side Select V Pixel ID features an internal DMX decoder, offering a high-output, pixel-addressable solution for dynamic lighting projects with space or budget constraints. With 18W per meter power and a vertical bending design, it delivers vibrant RGB colors and smooth integration along curves and architectural features. The flat silicone encapsulated diffuser ensures consistent brightness, while its durable IP68-rated construction supports semi-outdoor and interior installations. Ideal for retail displays, feature walls, exhibitions, and programmable architectural accents.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

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

Product Detail

IP68 | LOW | DMX | BUILT-IN DECODER | 5 YEAR WARRANTY

cULus LISTED | CE | RoHS | CB | UV SHIELD

FLAME RESISTANT | SALT WATER RESISTANT | SOLVENTS RESISTANT | IK08 PROTECTION

Lighting	Lamp	LED, SMD 5050
	LED's Per Foot	21 LEDs/ft (70 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	DMX
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	2x18AWG + 3x24AWG Wires
	Power Cable Length	Standard 10ft (3m). Also available in 16ft (5m)
	Circuit	Class 2
Mechanical	Housing Construction	Injection Moulded White Silicone
	Mounting	Mounting Clips, Mounting Channels
	Weight	0.31 lb/ft (0.46kg/m)
	Dimensions	W: 0.65" x H: 0.65" (W: 16.5mm x H: 16.5mm)
	Minimum Bend Radius	2.36" (60mm)
Environmental	Operating Temperature	–40°F to 131°F (–40°C to 55°C)
	Ingress Protection	IP68
	Impact Protection	IK08
	Resistance	UV, Flame, Solvents, Saltwater and Dirt Resistant
	Certifications	cULus, CE, RoHS Compliant, CB
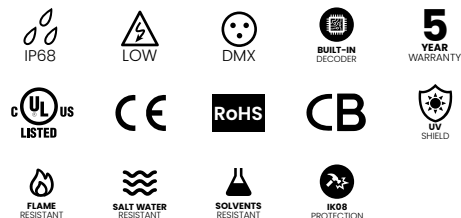
Performance

CCT/Color		Red	Green	Blue	White(3000K)	RGBW(2700K)	RGBW(3000K)	RGBW(4000K)	RGBW(5000K)
Power	W/FT (W/m)	–				5.49(18)			
Lumens	lm/FT (lm/m)	18.3(60)	53.7(176)	10.4(34)	58.8(193)	122(399)			
Efficacy	lm/W	–				22			
Increment	inch (mm)	–				3.94(100)			
Max. Length	ft (m)	–				17.7ft(5.4m)			

Ordering

Product Code	Series	Color	Input Voltage	IP Rating
SVPXID	SEN		24	IP68
		RGBW(2700K)		
		RGBW(3000K)		
		RGBW(4000K)		
		RGBW(5000K)		

Note:
Lengths, Lead Orientations & Mounting Accessories for BL Select Neon must be confirmed at time of order.

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
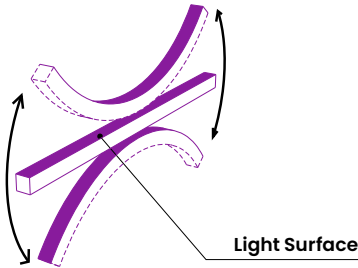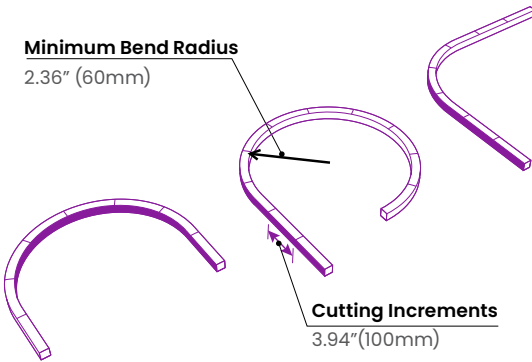
bllighting.com
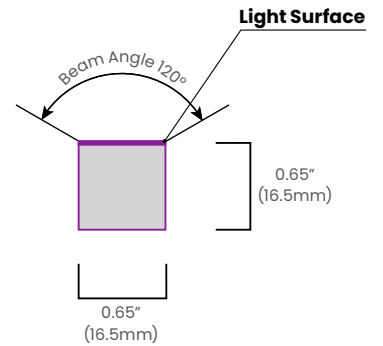
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Minimum Bend Radius and Bend Orientation

Minimum Bend Radius
2.36" (60mm)

Cutting Increments
3.94"(100mm)

Light Surface

BL Select Neon Side Select V Series bends vertically

Horizontal bend option available on BL Select Neon Side Select H Series

Beam Angle & Viewing Angle

Light Surface

Beam Angle 120°

0.65"
(16.5mm)

0.65"
(16.5mm)

Average Beam Angle (50%), 3000K: 113.9°

Dimensions & Lead Orientations

Back Lead
SEN SL BC 68

0.65"
(16.5mm)

Lighting Surface

0.12"
(3mm)

0.65"
(16.5mm)

0.7"
(17.8mm)

0.81"
(20.7mm)

0.35"
(9mm)

5.12"
(130mm)

1.38"
(35mm)

Ø0.39"
(Ø10mm)

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

End Lead
SEN SL EC 68

Lighting Surface

0.65"
(16.5mm)

0.12"
(3mm)

0.35"
(9mm)

0.65"
(16.5mm)

5.12"
(130mm)

1.38"
(35mm)

Ø0.49"
(Ø12.5mm)

Ø0.39"
(Ø10mm)

*Wick Resistant Wire Ferrule
Ø0.47" (Ø12mm)
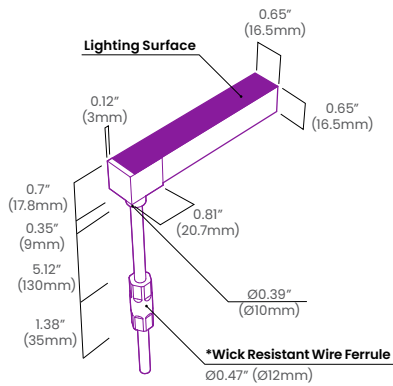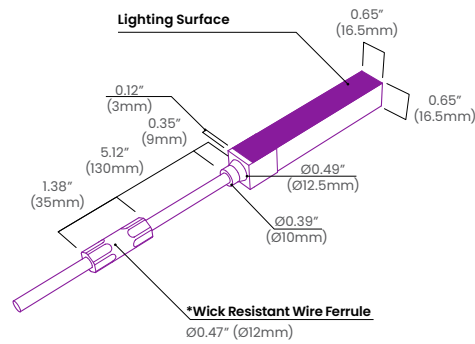
Right Side Lead
SEN SL RC 68

0.65"
(16.5mm)

Lighting Surface

0.12"
(3mm)

0.65"
(16.5mm)

0.67"
(16.99mm)

0.49"
(12.5mm)

0.39"
(10mm)

0.70"
(18mm)

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

0.35"
(9mm)

5.12"
(130mm)

1.38"
(35mm)

End Cap

0.65"
(16.5mm)

Lighting Surface

0.12"
(3mm)

0.65"
(16.5mm)

0.65"
(16.5mm)
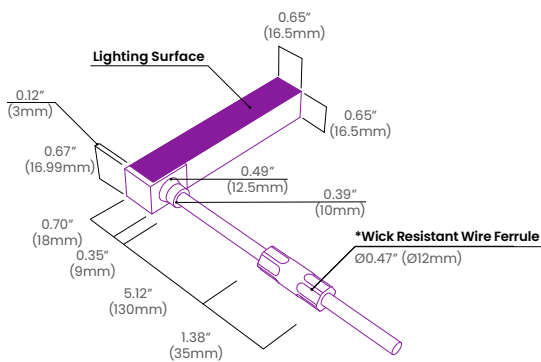
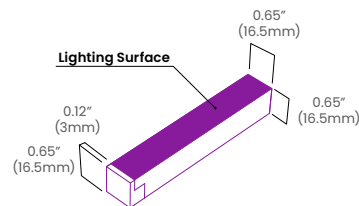**The Wick Resistant Wire Ferrule is built into the lead wire, 5.12"(130mm) from the BL Select Neon Series Termination Connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.*

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