

Flat Select Pixel ID

BL Select Neon

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

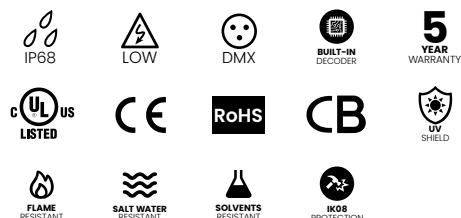


Flat Select Pixel ID is a 24V pixel-addressable LED featuring 17LEDs/ft at 4.57W, engineered for high-intensity horizontal lighting with full individual pixel control. Its flexible design allows smooth curves, while the IP68 waterproof construction ensures reliable performance in indoor and outdoor applications. Intelligent and addressable, this digital pixel LED linear luminaire enables expressive motion, animation, and custom chasing effects, making it ideal for retail accent lighting, facades, interior decorative lines, and dynamic signage, delivering professional, customizable lighting solutions for commercial and decorative projects.

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	17 LEDs/ft (56 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	DMX
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	2X18+3X24 AWG Wires
	Power Cable Length	Standard 10ft (3m). Also available in 16ft (5m)
Mechanical	Circuit	Class 2
	Housing Construction	Injection Moulded White Silicone
	Mounting	Mounting Clips, Mounting Channels
	Weight	0.27lb/ft, 0.4kg/m
	Dimensions	W: 0.45"x H: 0.83" (W: 11.5mm x H: 21mm)
Environmental	Minimum Bend Radius	1.57" (40mm)
	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	RGBW(2700K)	RGBW(3000K)	RGBW(4000K)	RGBW(5000K)
Power	W/FT (W/m)	-			4.57 (15)			
Lumens	lm/FT (lm/m)	7.62(25)	23.8(78)	4.57(15)	60.7(199)			
Efficacy	lm/W	-			13			
Increment	inch (mm)	-			4.92(125)			
Max. Length	ft (m)	-			21.3ft (6.5m)			

Ordering

Product Code	Series	Color	Input Voltage	IP Rating
FPXID	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.

BL LIGHTING
ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-804-874-4405 E: info@bllighting.com
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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



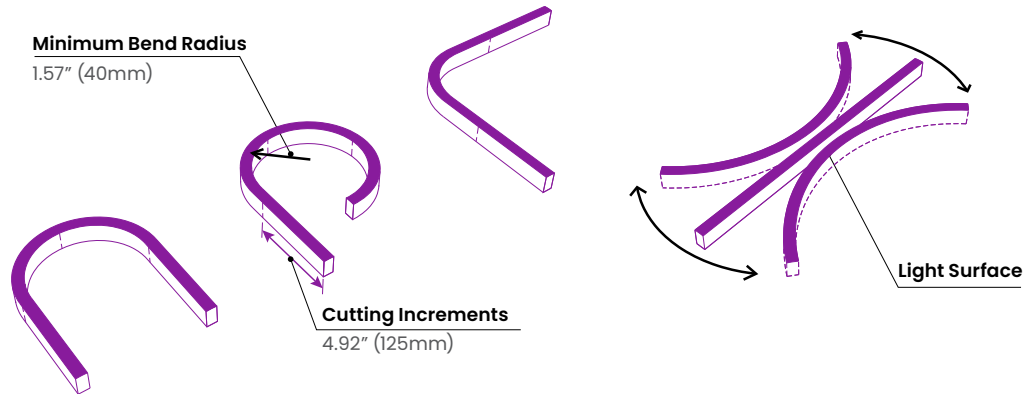
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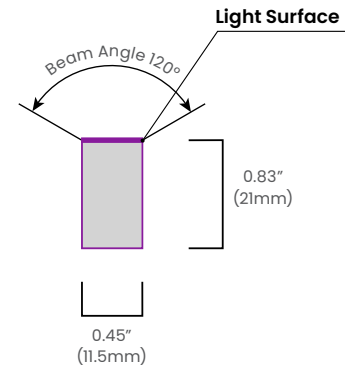
Minimum Bend Radius and Bend Orientation



BL Select Neon Flat Select Series bends horizontally

Vertical bend option available on BL Select Neon Side Select Series

Beam Angle

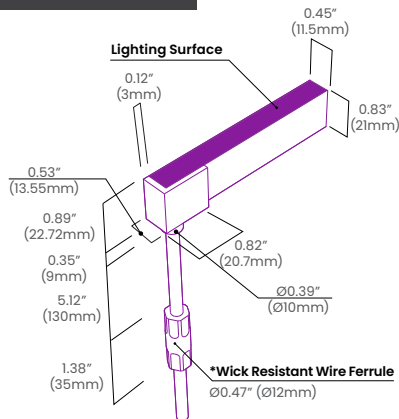


Average Beam Angle (50%), 4000K: 110.9°

Dimensions & Lead Orientations

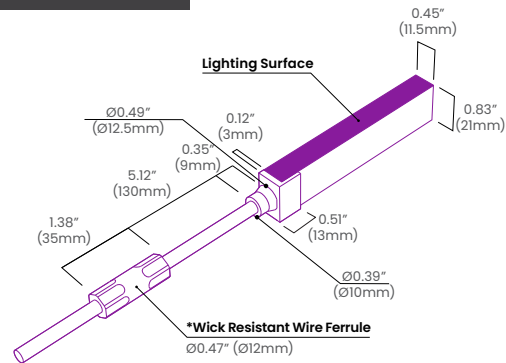
Back Lead

SEN FT BC 68



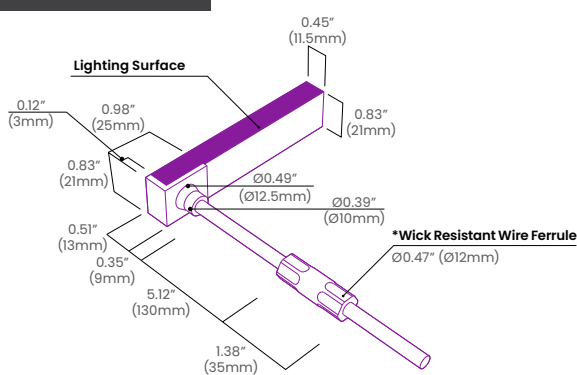
End Lead

SEN FT EC 68

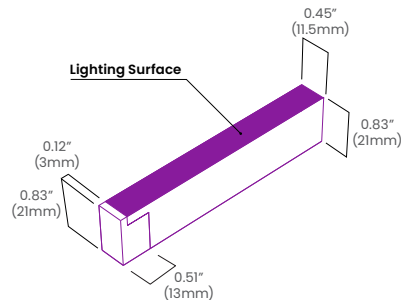


Right Side Lead

SEN FT RC 68



End Cap



**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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