

# Flat Select Tunable

BL Select Neon

Diffused, Flexible, Linear LED Lighting,  
24VDC, Constant Voltage  
Flat Profile, Silicone, Tunable White

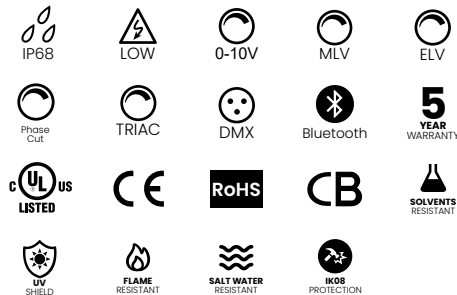


**Flat Select Tunable** features a fully flexible silicone-encapsulated diffuser with 37LEDs/ft at 3.66W on a 24V constant-voltage system, rated for -40°F to 131°F (-40°C to 55°C) for reliable performance in any environment. It delivers adjustable warm-to-cool white light, allowing precise control of intensity and CCT to create the perfect ambiance. IP68 waterproof, UV-resistant, and cuttable for custom lengths, **Flat Select Tunable** is ideal for facades, interior outlines, retail and hospitality accents, signage, channel letters, and accent walls or coves.

Dot-free Seamless connections -40°F to 131°F (-40°C to 55°C) Tunable White

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



Lighting	Lamp	LED, SMD 2835
	LED's Per Foot	37 LEDs/ft (120 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM < 3, One Step Binning
Electrical	Controls	0-10V, MLV, ELV, Phase Cut, TRIAC, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	3x20AWG 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	0.27 lb/ft, 0.4 kg/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		2200K + 5700K	2700K + 5700K	3000K + 5700K
Power	W/FT (W/m)	3.66(12)		
Lumens	lm/FT (lm/m)	44.2+90.2 (145+296)	39.6+77.1 (130+253)	43.3+90.2 (142+296)
Efficacy	lm/W	12+25	11+21	12+25
CRI	CRI	80		
Increment	inch (mm)	3.94" (100mm)		
Max. Length	ft (m)	26.6ft (8.1m)		

## Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
FTN	SEN		24	IP68
		2200K+5700K		
		2700K+5700K		
		3000K+5700K		

### 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](http://bllighting.com) for current technical data.

For more information, please download the BL LIGHTING catalog

[bllighting.com](http://bllighting.com)



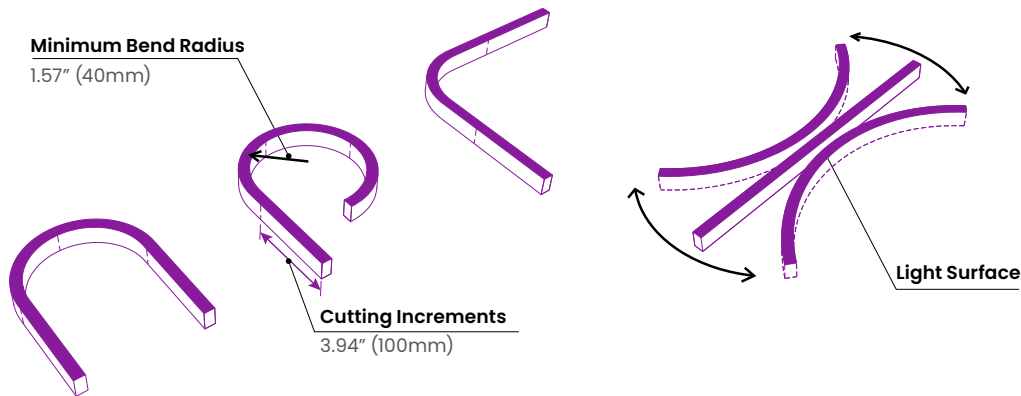
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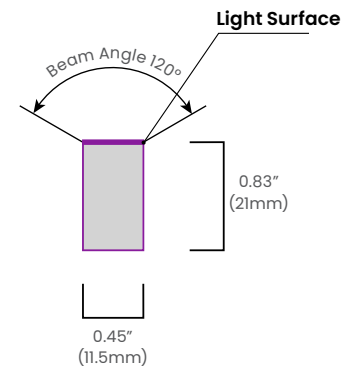
## Minimum Bend Radius and Bend Orientation



**BL Select Neon Flat Select Series bends horizontally**

Vertical bend option available on BL Select Neon Side Select Series

## Beam Angle

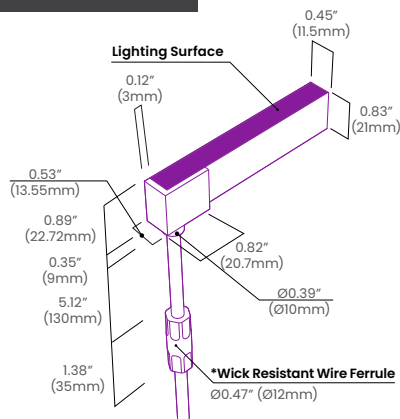


Average Beam Angle (50%), 3000K: 110.8°

## Dimensions & Lead Orientations

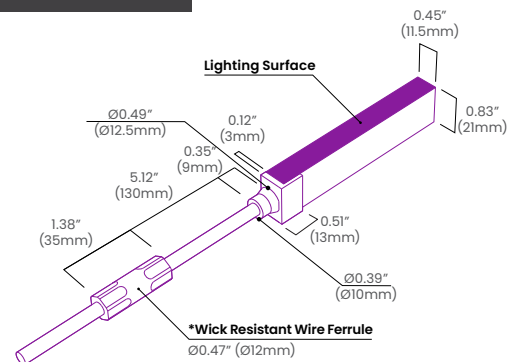
### Back Lead

SEN FT BC 68



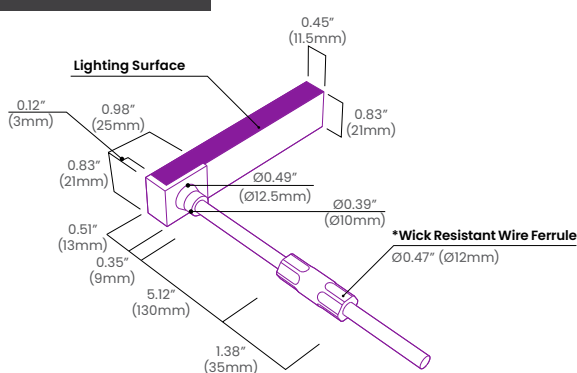
### End Lead

SEN FT EC 68

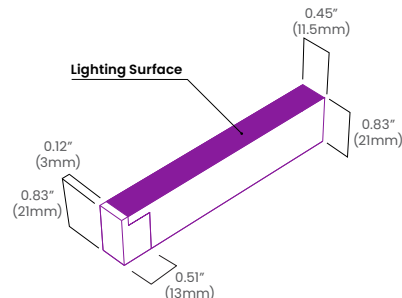


### Right Side Lead

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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