

Dome Select Tunable

BL Select Neon

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



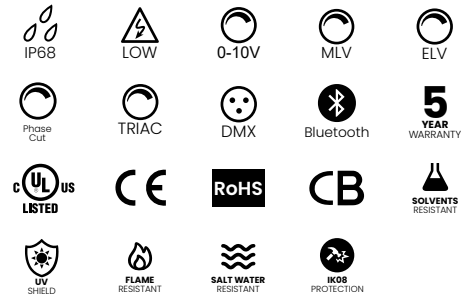
Dome Select Tunable features a fully flexible silicone-encapsulated diffuser, rated for temperatures from -40° F to 131° F (-40° C to 55° C), ensuring durability and reliable performance. This tunable white LED delivers adjustable luminous light, allowing precise control over intensity and color temperature, while its flexible design enables smooth installation along curves, coves, or straight lines with uniform brightness. Ideal for versatile horizontal illumination, it combines performance, adaptability, and ease of layout for a wide range of environments.

Dot-free Seamless Connections Wide 270 ° Beam Angle

-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	270°
	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	0.34 lb/ft, 0.52kg/m
	Minimum Bend Radius	1.57" (40mm)
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	UL, 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)	60.7+68 (199+223)	70.7+68.6 (232+225)	68.3+72.3 (224+237)
Efficacy	lm/W	16.6+18.6	19.3+18.8	18.7+19.8
CRI	CRI	80+		
Increment	inch (mm)	3.94 (100)		
Max. Length	ft (m)	26.6ft (8.1m)		

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
DTN	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 for current technical data.

For more information,
please download the
BL LIGHTING catalog

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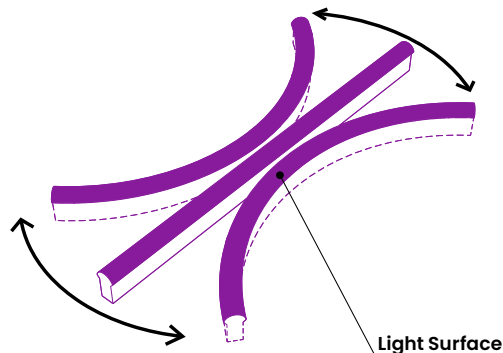
Minimum Bend Radius and Bend Orientation

Minimum Bend Radius

1.57" (40mm)

Cutting Increments

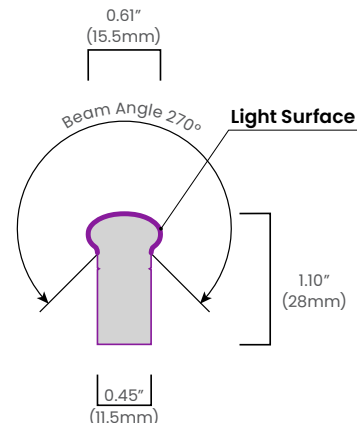
3.94" (100mm)



BL Select Neon Dome Select Series bends horizontally

Vertical bend option available on BL Select Neon Side Select Series

Beam Angle

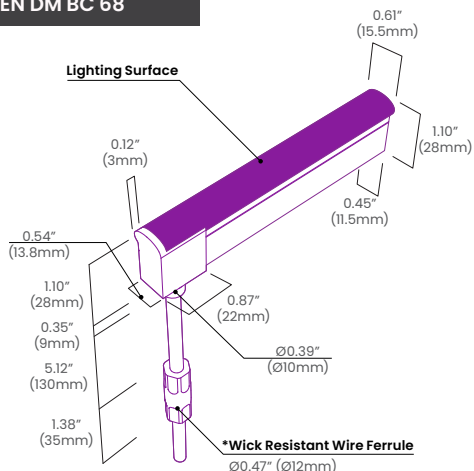


Average Beam Angle (50%), 3000K: 144.4°

Dimensions & Lead Orientations

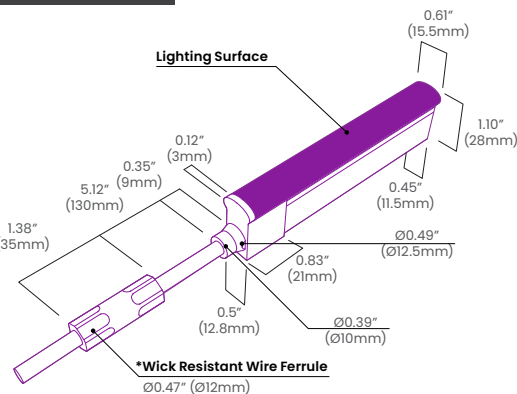
Back Lead

SEN DM BC 68



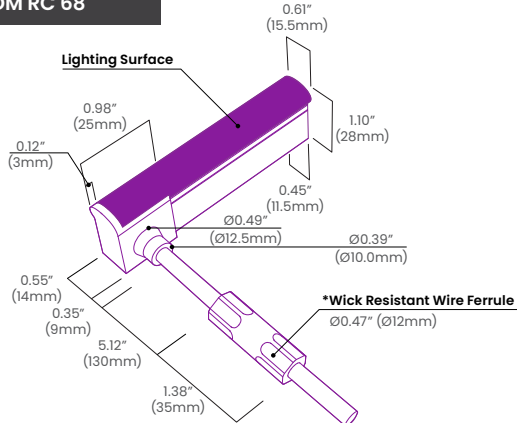
End Lead

SEN DM EC 68

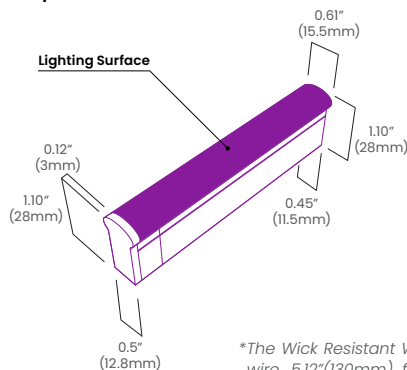


Right Side Lead

SEN DM 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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