

# BL neonVIEW TUNABLE DOME SI

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



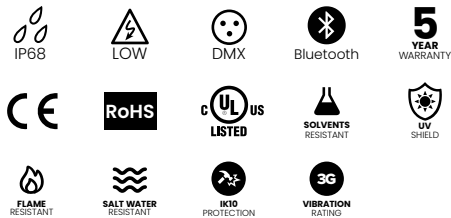
BL neonVIEW TUNABLE DOME SI has a standard fully flexible Silicone encapsulated diffuser and is rated for a range of operating temperatures from -40° F to 131° F (-40° C to 55° C) for sustained ability to weather the elements, even in the most extreme environmental conditions. Set the mood with BL neonVIEW TUNABLE DOME SI, delivering adjustable luminous white light with control options to easily change LED intensity, dim to warm, and tune in to any CCT.

Dot-free Seamless connections Wide 270 ° viewing angle

-40°F to 131°F (-40°C to 55°C) Tunable White

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



Lighting	Lamp	LED, SMD 3014
	LED's Per Foot	44 LEDs/ft (144 LEDs/m)
	Beam Angle	160°
	Average Life	50,000 Hours
Electrical	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.12A (White)
	Connections	18AWG, Copper Conductors
	Power Cable Length	Standard 10ft (3m). Also available in 16ft (5m) and 32ft (10m)
Mechanical	Circuit	Class 2
	Housing Construction	Injection Moulded White Silicone
	Minimum Bend Radius	2.25" (60mm)
	Operating Temperature	-40°F to 131°F (-40°C to 55°C)
Environmental	Ingress Protection	IP68
	Impact Protection	IK10
	Vibration Rating	3G
	Resistance	UV, Flame, Solvents and Saltwater Resistant
Certifications		cULus, CE, RoHS Compliant

## Performance

CCT/Color		2200K	5700K	2200K + 5700K
Power	W/FT (W/m)	-	-	3.66 (12)
Lumens	lm/FT (lm/m)	52 (170)	64 (210)	116 (380)
Efficacy	lm/W	-	-	32
CRI	CRI	80+		
Increment	inch (mm)	3.28 (83.3)		
Max. Length	ft (m)	24ft 6in (7.5m)		

## Ordering

Product Code	CCT	Lead Orientation		Mounting Accessories*	
BL neonVIEW TW DM SI					
	2200K-5700K	NVS DM BC 68	= Back Lead	NV CPS	= Mounting Clip
		NVS DM EC 68	= End Lead	NV CHS	= Mounting Channel
		NVS DM RC 68	= Right Side Lead	NV RCPS	= Recessed Mounting Clip
		NVS DM 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.

### BL LIGHTING ILLUMINATE EVERYTHING

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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



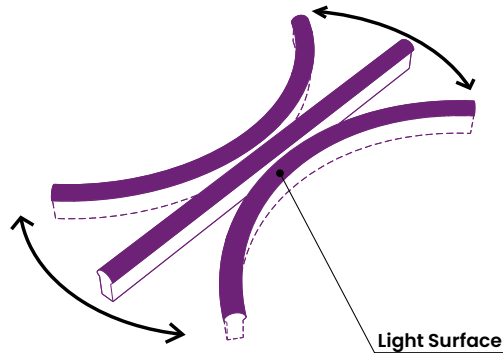
## Minimum Bend Radius and Bend Orientation

### Minimum Bend Radius

2.25" (60mm)

### Cutting Increments

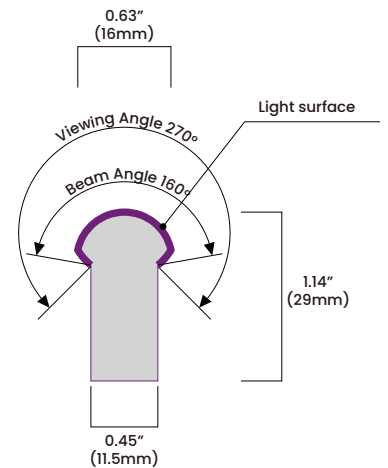
3.28" (83.3mm)



**BL neonVIEW DOME Series bends horizontally**

Vertical bend option available on BL neonVIEW SIDE Series

## Beam Angle & Viewing Angle

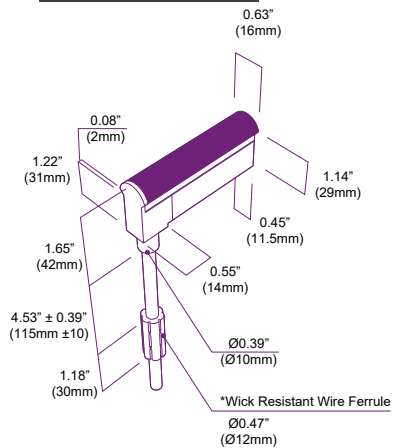


Average Beam Angle (50%): 141.9°

## Dimensions & Lead Orientations

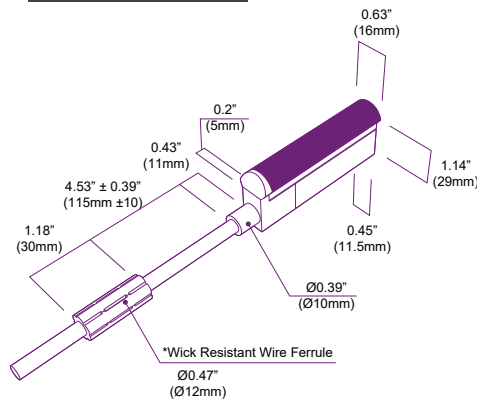
### Back Lead

NVS DM BC 68

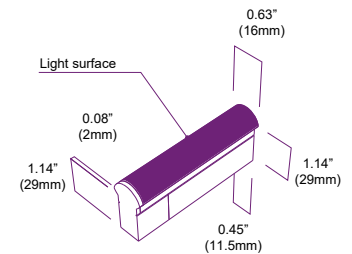


### End Lead

NVS DM EC 68

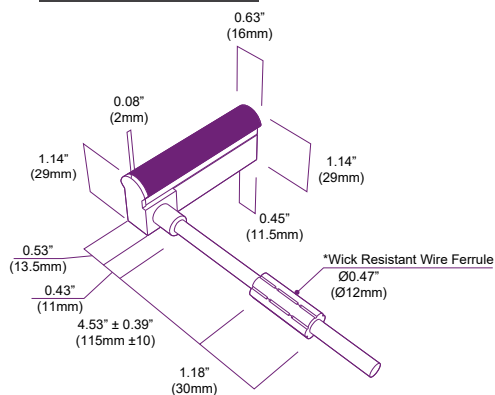


### End Cap



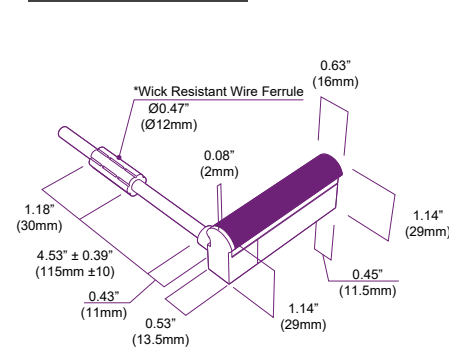
### Right Side Lead

NVS DM RC 68



### Left Side Lead

NVS DM LC 68



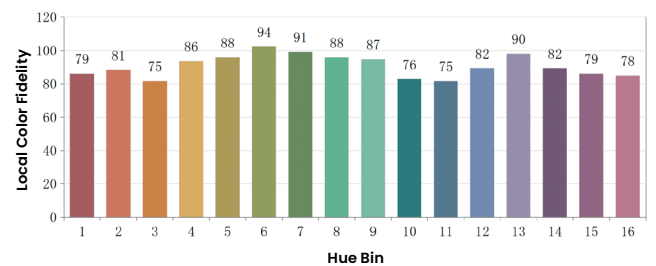
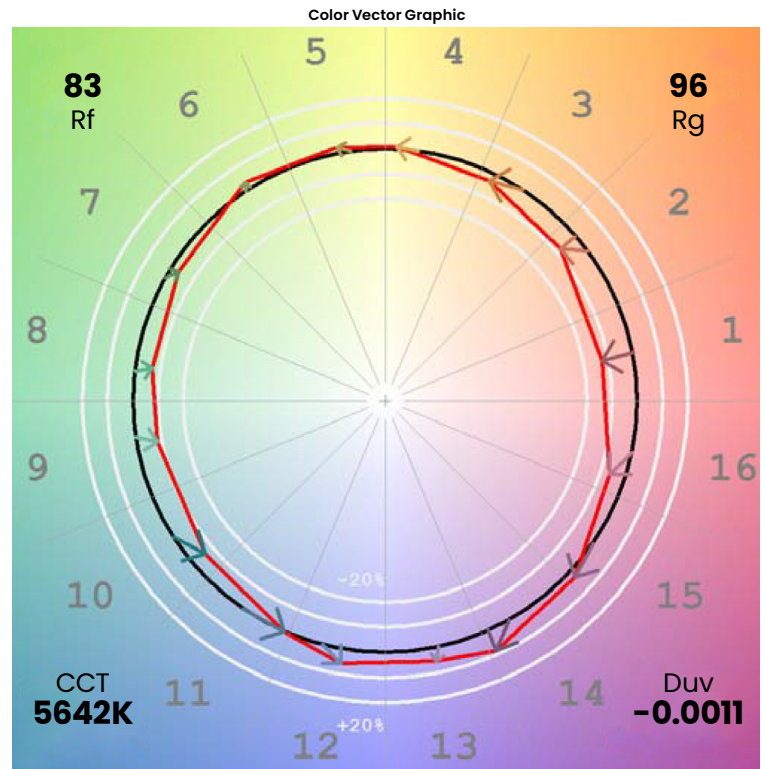
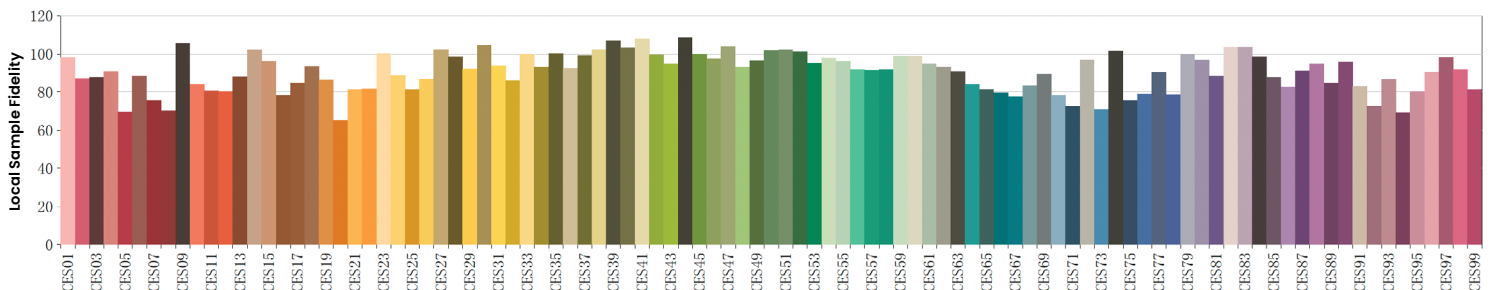
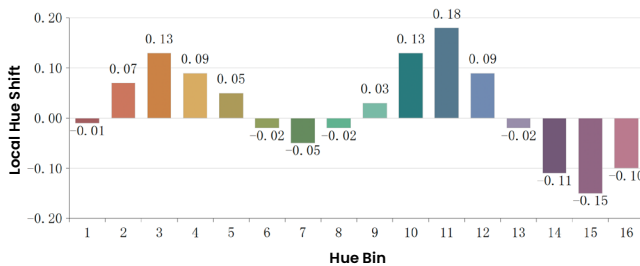
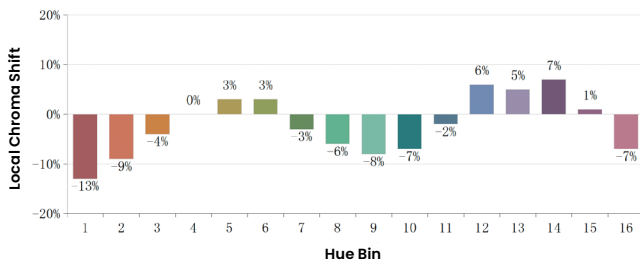
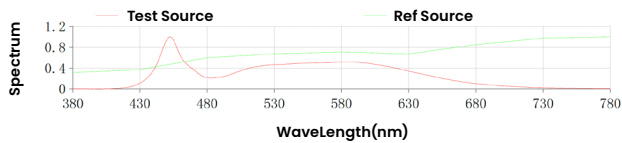
\*The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the BL neonVIEW Termination Connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.



## Colorimetric Details (5700K LED)

CCT	CRI	Rf	Rg
5700K	83	83	96

Rf: 83  
Rg: 96  
CCT: 5642K  
Duv: -0.0011  
u': 0.2066  
v': 0.4794



\*All results in accordance with ANSI C78.377 standard

