

BL neonVIEW DOME SI SC

Diffused, Flexible, Linear LED Lighting,
24VDC, Constant Voltage
Dome Profile, Silicone, Single Color



BL neonVIEW DOME SI SC 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. A Dome shaped lens profile with wide 270° viewing angle delivers up to 143 lm/ft and provides uniform, dot-free illumination. Ideal for building outlines, facades, signage and exterior architectural accents.

Dot-free Seamless connections Wide 270 ° viewing angle

-40°F to 131°F (-40°C to 55°C)

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Lamp	LED, SMD 2835
	LED's Per Foot	21 LEDs/ft (72 LEDs/m)
	Beam Angle	160°
	Average Life	50,000 Hours
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, 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	2700K	3000K	3500K	4000K	5700K	Red	Green	Blue	Amber
Power	W/FT (W/m)	3.66 (12)						2.44 (8)	3.66 (12)		2.44 (8)
Lumens	lm/FT (lm/m)	116 (380)	143 (470)	143 (470)	143 (470)	143 (470)	143 (470)	43 (140)	113 (370)	24 (80)	43 (140)
Efficacy	lm/W	32	39	39	39	39	39	18	31	7	18
CRI	CRI	80						-			
Increment	inch (mm)	3.28 (83.3)						4.92 (125)	3.28 (83.3)		4.92 (125)
Max. Length	ft (m)	24ft 6in (7.5m)						35ft 11in (10.9m)	24ft 6in (7.5m)		35ft 11in (10.9m)

Ordering

Product Code	CCT/Color	Lead Orientation	Mounting Accessories*
BL neonVIEW DM SI			
	2200K	NVS DM BC 68 = Back Lead	NV CPS = Mounting Clip
	2700K	NVS DM EC 68 = End Lead	NV CHS = Mounting Channel
	3000K	NVS DM RC 68 = Right Side Lead	NV RCPS = Recessed Mounting Clip
	3500K	NVS DM LC 68 = Left Side Lead	NV RCHS = Recessed Mounting Channel
	4000K		NV FCHS AL = Flexible Mounting Channel
	5700K		
	Red		
	Green		
	Blue		
	Amber		

* 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.

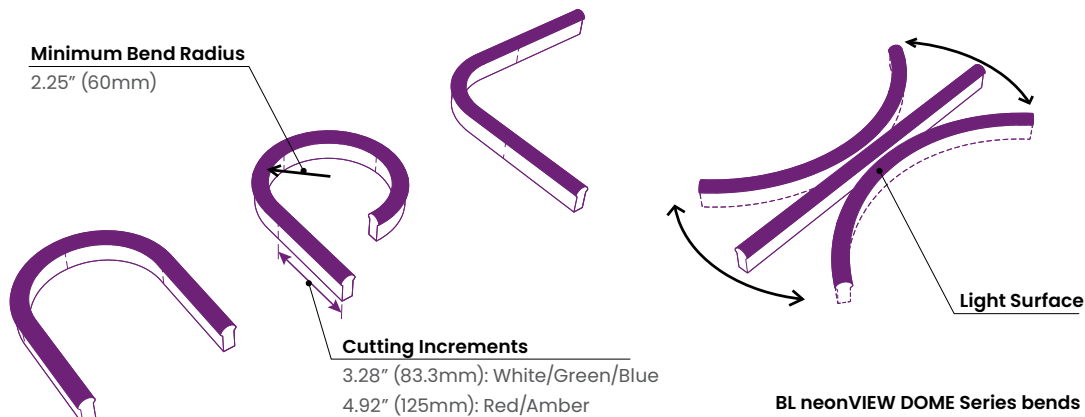
Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, please download the BL LIGHTING catalog

bllighting.com



Minimum Bend Radius and Bend Orientation

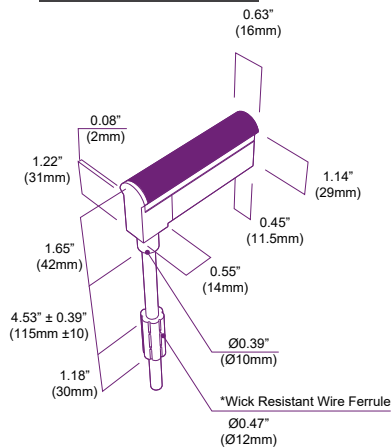


BL neonVIEW DOME Series bends horizontally
Vertical bend option available on BL neonVIEW SIDE Series

Dimensions & Lead Orientations

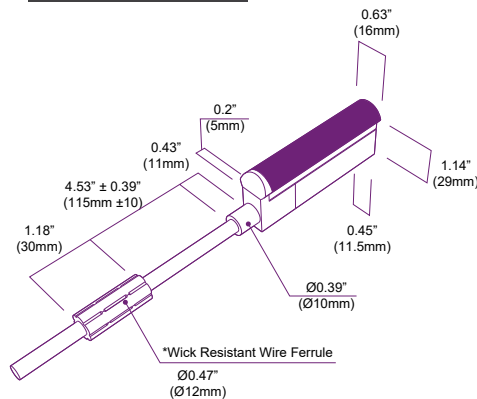
Back Lead

NVS DM BC 68

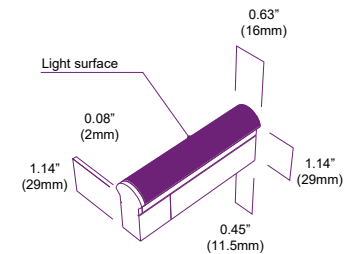


End Lead

NVS DM EC 68

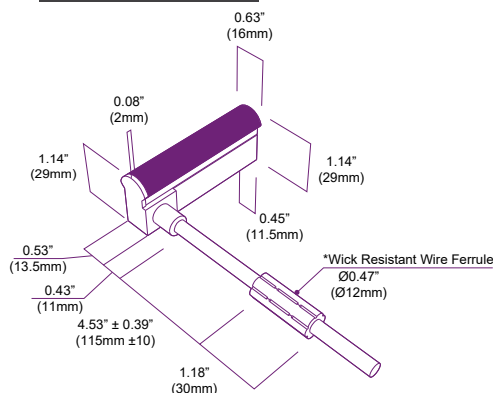


End Cap



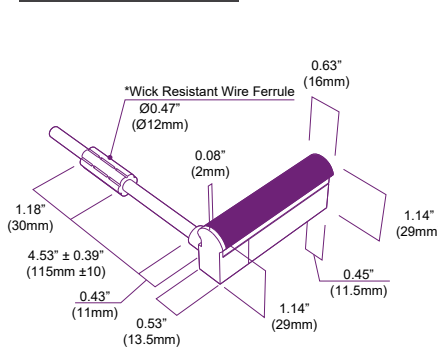
Right Side Lead

NVS DM RC 68



Left Side Lead

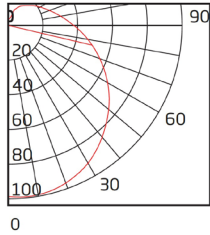
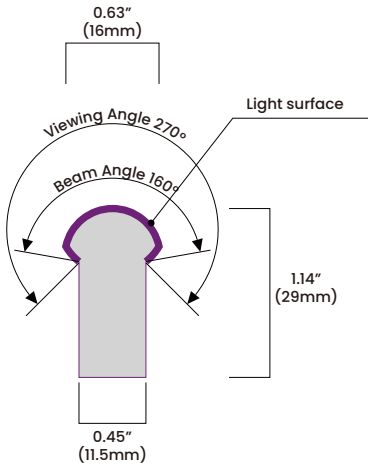
NVS DM LC 68



*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.



Beam Angle & Viewing Angle

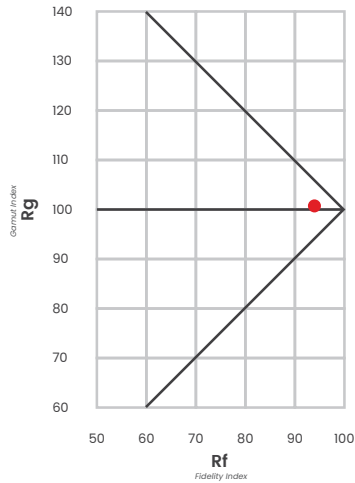
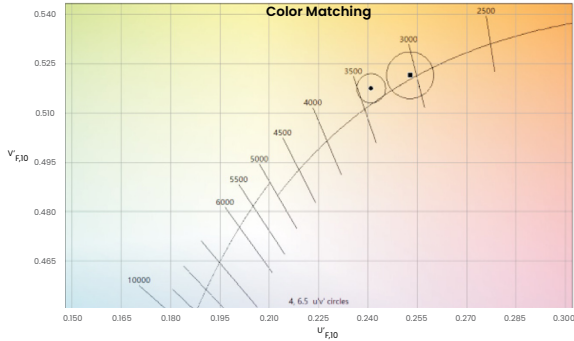
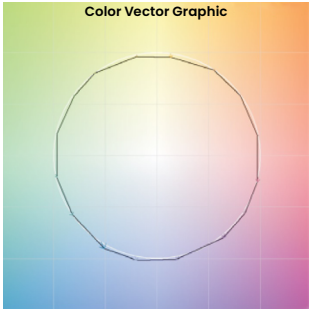


Unit: cd
— C90/270

Average Beam Angle (50%): 141.9°

TM-30

CCT	CRI	Rf	Rg
3000K	80	94	101



*All results in accordance with ANSI C78.377 standard