

# BL neonVIEW PIXEL DOME SI ID

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

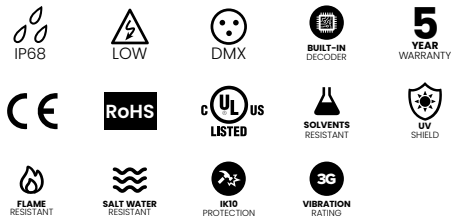


BL neonVIEW PIXEL DOME SI ID is engineered with an internal DMX decoder, built-in to the LED luminaire, offering an innovative new solution to meet requirements for pixel chasing lighting projects with unique space and budget constraints. Intelligent and addressable, this digital pixel ic type LED linear luminaire integrates expressive motion, animation and chasing effects to create custom tailored and mesmerizing illuminated and interactive displays.

**Dot-free** **Seamless connections** **Wide 270 ° viewing angle**  
**-40°F to 131°F (-40°C to 55°C)** **Color Chasing**

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



Lighting	Lamp	LED, SMD 5050
	LED's Per Foot	18 LEDs/ft (60 LEDs/m)
	Beam Angle	160°
	Average Life	50,000 Hours
Electrical	Controls	DMX
	Input Voltage	24VDC
	Max Input Current	4.12A
	Connections	20AWG, 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		RGB	RGBW (2700K)	RGBW (3000K)	RGBW (4000K)
Power	W/FT (W/m)	3.66 (12)	4.57 (15)		
Lumens	lm/FT (lm/m)	52 (170)	86 (282)	86 (282)	86 (282)
Efficacy	lm/W	14	19	19	19
CRI	CRI	-	80 (white LED only)		
Increment	inch (mm)	6.57 (167)			
Max. Length	ft (m)	24ft 6in (7.5m)	19ft 6in (5.95m)		

## Ordering

Product Code	Color	Lead Orientation		Mounting Accessories*	
BL neonVIEW IC DM SI ID					
	RGB	NVS IC DM BC 68	= Back Lead	NV CPS	= Mounting Clip
	RGBW (2700K)	NVS IC DM EC 68	= End Lead	NV CHS	= Mounting Channel
	RGBW (3000K)	NVS IC DM RC 68	= Right Side Lead	NV RCPS	= Recessed Mounting Clip
	RGBW (4000K)	NVS IC 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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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.

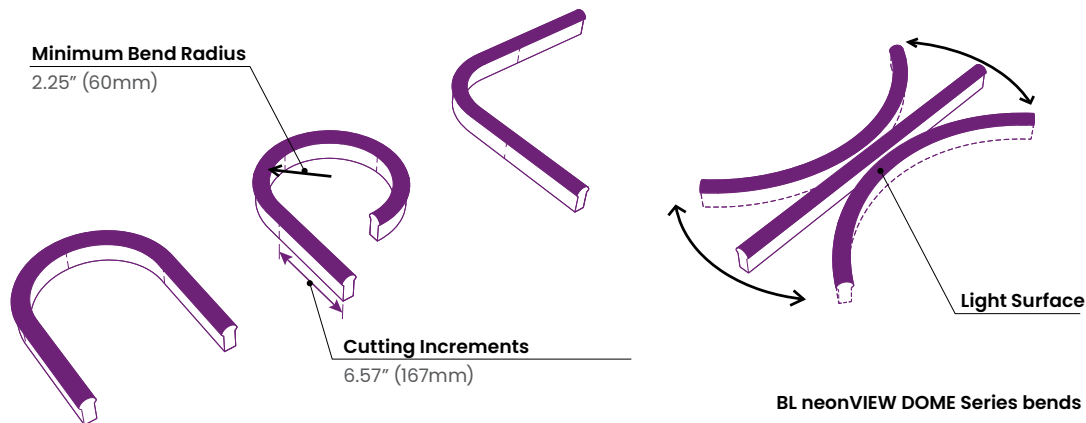
Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information,  
please download the  
BL LIGHTING catalog

bllighting.com



## Minimum Bend Radius and Bend Orientation

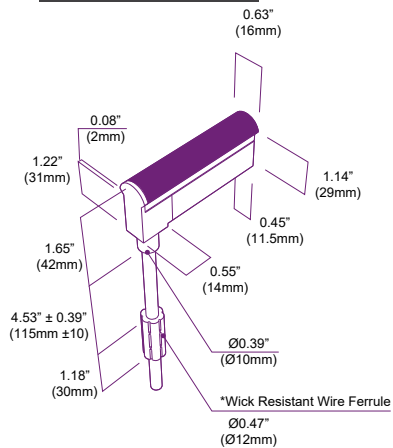


**BL neonVIEW DOME Series bends horizontally**  
Vertical bend option available on BL neonVIEW SIDE Series

## Dimensions & Lead Orientations

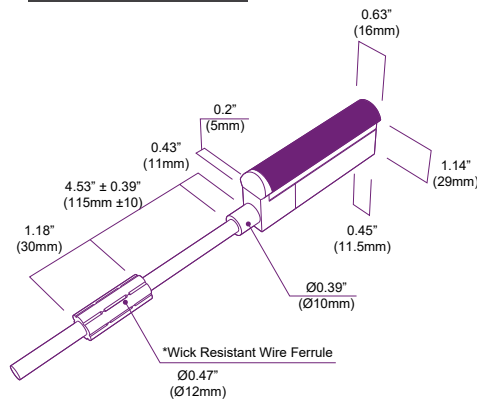
### Back Lead

#### NVS IC DM BC 68

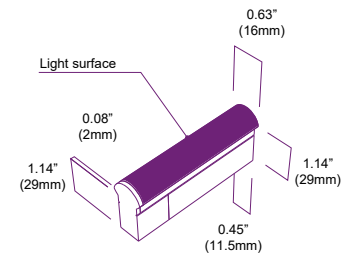


### End Lead

#### NVS IC DM EC 68

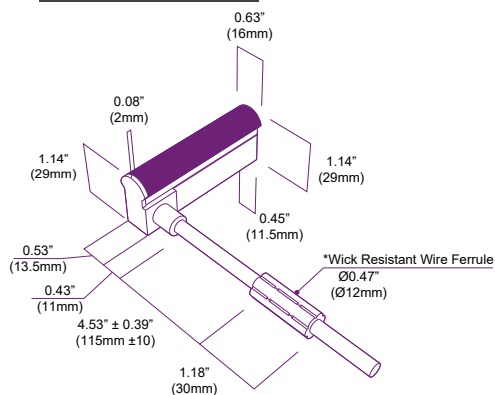


### End Cap



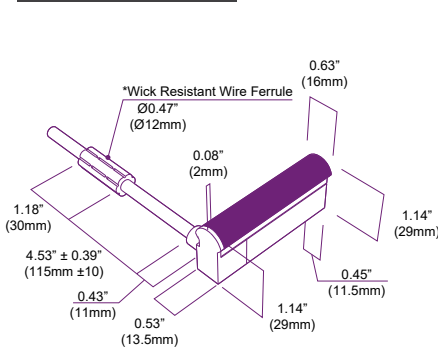
### Right Side Lead

#### NVS IC DM RC 68



### Left Side Lead

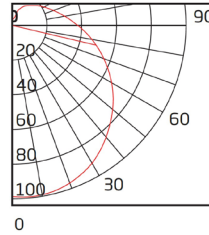
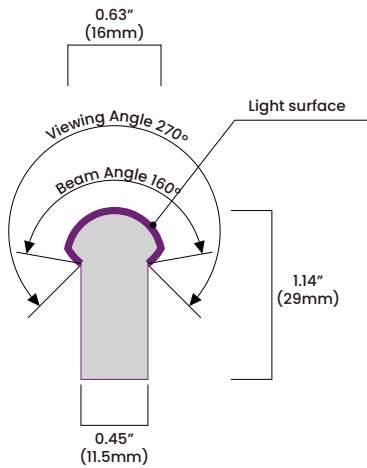
#### NVS IC DM LC 68



\*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%): 151.1°

