

## BL neonVIEW

Diffused, Flexible, Linear LED Lighting, 24VDC, Constant Voltage

## DOME SI SC

Dome Profile, Silicone, Single Color

Printed



### Certification



### Lighting



Lamp	* LED, SMD 5050
LED's Per Foot	21 LEDs/ft (72 LEDs/m)
Power	* 2.44-3.66 W/FT
Beam Angle	160°
Average Life	50,000 Hours
Lumens	* 28-137lm/FT
Efficacy	* 8-37 lm/W

### Electrical

Control	0-10V, MLV, DMX, Bluetooth
Input Voltage	24VDC
Max Input Current	4.12A (White)
Connections	18AWG, Copper Conductors
Operating Temperature	-40°F to 131°F (-40°C to 55°C)
Circuit	Class 2

### Mechanical

Housing Construction	Injection Moulded White Silicone
Cutting Increments	* 3-9/32" (83.3mm) : White CCTs/Green/Blue * 4-59/64" (125mm) : Red/Amber
Maximum Run Length	* 25FT (7.9m) to 39FT (12m)
Medial Bend Radius	60mm (2-1/4")
Environmental	IP68 (Seamless Injection Molded)
Mounting	Clip, Track

### Accessories

NVTK	** Factory installed termination kit
NVJC	Factory installed jumper cable
NVCP	Surface Mounting Clip
NVMCH	Surface Mounting Channel
NVRMC	Recessed Mounting Clip
NVRMCH	Recessed Mounting Channel

\* Please refer to the performance table on the following page

\*\*Multiple Lead Orientation options available

PROJECT

CLIENT

TYPE

Solid State Lighting is sensitive to power fluctuations  
Surge protection is highly recommended for all LED lighting products and should be on a designated circuit to protect against premature failure  
Lack of surge protection may void your warranty

For more information, please download the  
BL LIGHTING catalogue

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## Performance

CCT/Color	Load	Lumens	Efficacy	Max. Length	Cutting Increments
2200K	3.66 W/FT	104 lm/FT	29 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
2700K	3.66 W/FT	133 lm/FT	36 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
3000K	3.66 W/FT	129 lm/FT	35 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
3500K	3.66 W/FT	133 lm/FT	36 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
4000K	3.66 W/FT	137 lm/FT	37 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
5700K	3.66 W/FT	130 lm/FT	35 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
Red	2.45 W/FT	52 lm/FT	21 lm/W	38 ft 12 in	4-59/64 in (125mm)
Green	3.66 W/FT	132 lm/FT	36 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
Blue	3.66 W/FT	28 lm/FT	8 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
Amber	2.44 W/FT	52 lm/FT	21 lm/W	38 ft 12 in	4-59/64 in (125mm)

## Ordering

Product Name

BL neonVIEW DOME SI SC 24V

CCT/Color

2200K  
2700K  
3000K  
3500K  
4000K  
5700K  
Red  
Green  
Blue  
Amber

Lead Orientation

NVTKBC = Back Lead  
NVTKEC = End Lead  
NVTKRSC = Right Side Lead  
NVTKLSC = Left Side Lead

Mounting Accessories

NVCP = Mounting Clip  
NVMCH = Mounting Channel  
NVRMC = Recessed Mounting Clip  
NVRMCH = Recessed Mounting Channel

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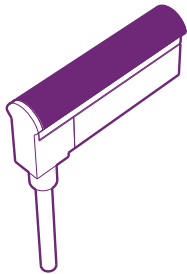
Dome Profile, Silicone, Single Color

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## Lead Orientation

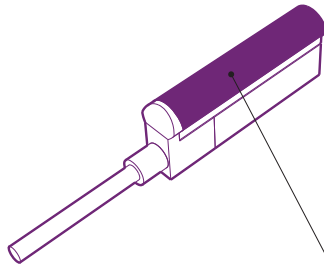
### Back Lead

Part# NVTK68SMBC



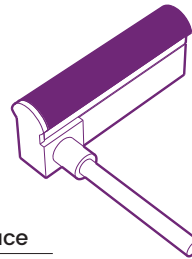
### End Lead

Part# NVTK68SMEC



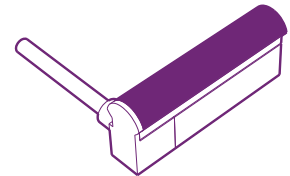
### Right Side Lead

Part# NVTK68SMRSC

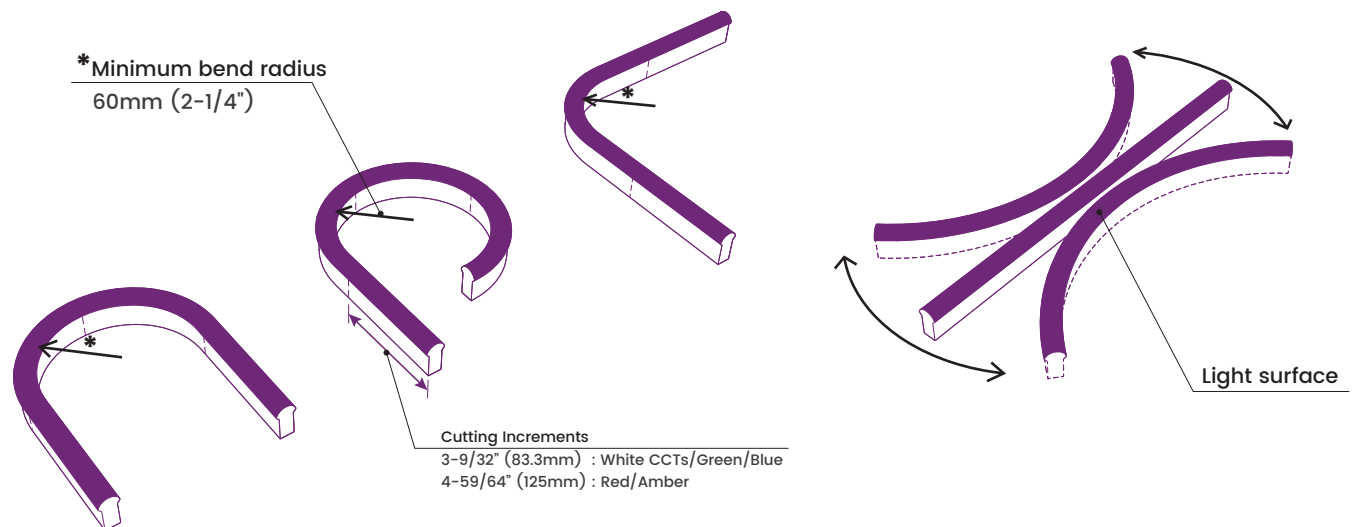


### Left Side Lead

Part# NVTK68SMLSC



## Minimum Bend Radius and Bend Orientations



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

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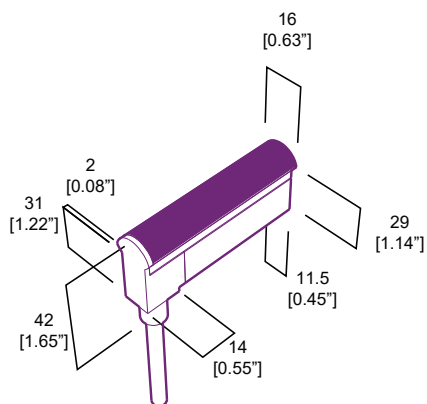
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## Dimensions

BL neonVIEW NVTK SM xx : Seamless, injection molded termination kit including Lead and end cap

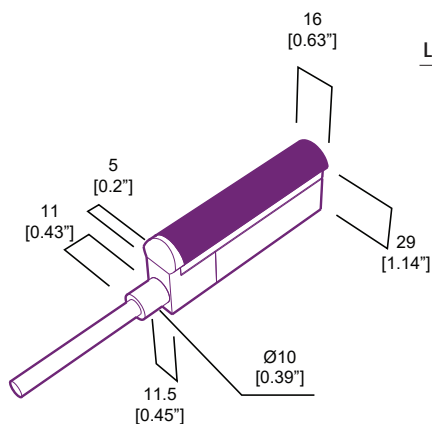
### Back Lead

Part# NVTK68SMBC

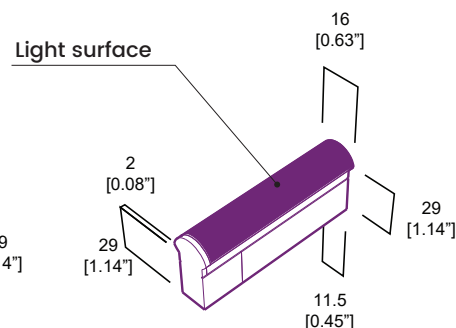


### End Lead

Part# NVTK68SMEC

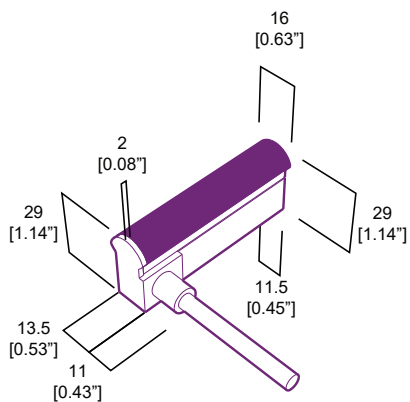


### End Cap



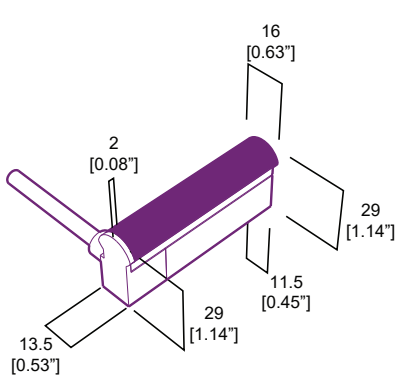
### Right Side Lead

Part# NVTK68SMRSC



### Left Side Lead

Part# NVTK68SMLSC



The tolerance of the Lead is  $\pm 0.5\text{mm}$   
For more detail, please download the CAD Drawing

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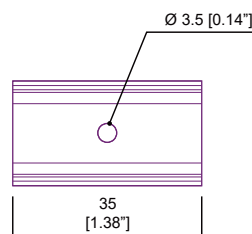
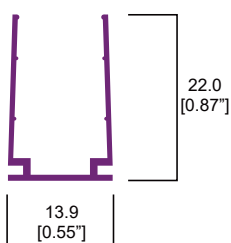
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## Accessories (Surface Mounting Clip and Channel)

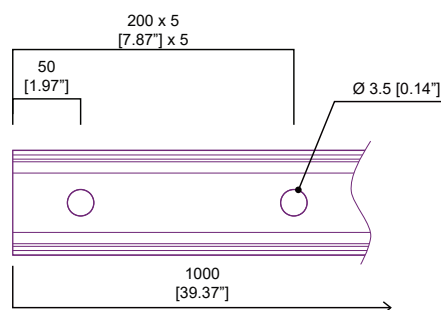
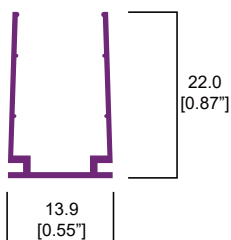
### Surface Mounting Clip

Part# NVCP



### Surface Mounting Channel

Part# NVMCH



For more detail, please download the CAD Drawing

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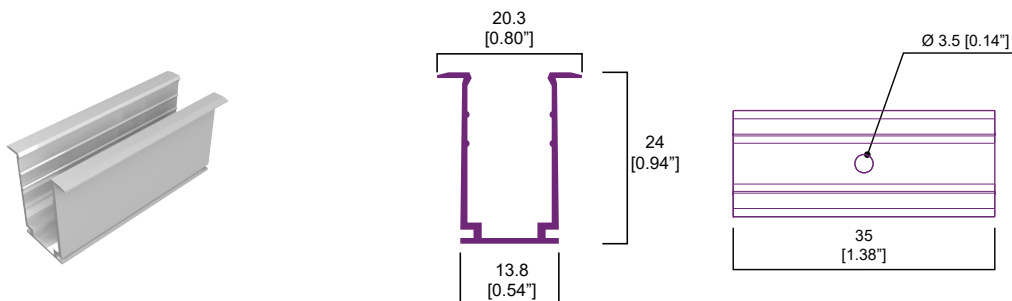
Printed



**Accessories (Recessed Mounting Clip and Channel)**

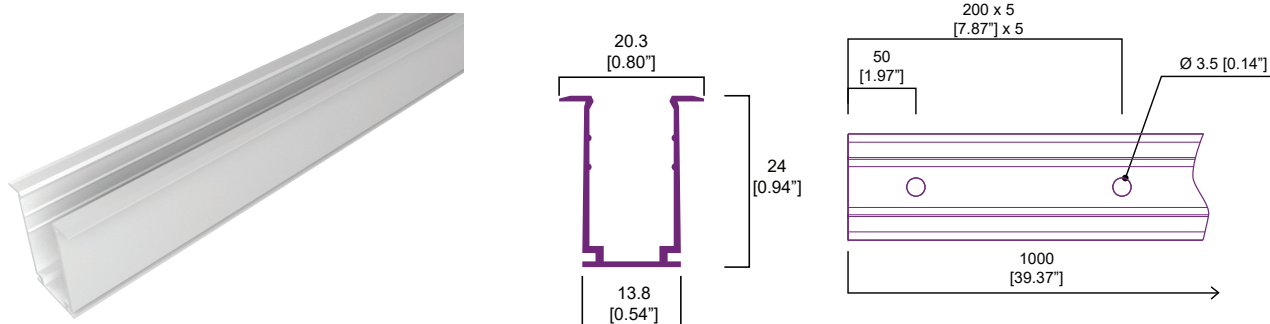
**Recessed Mounting Clip**

Part# NVRMC



**Recessed Mounting Channel**

Part# NVRMCH



For more detail, please download the CAD Drawing

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