

## BL neonVIEW

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



## PIXEL DOME SI

Dome Profile, Silicone, Chase

Printed

### Certification



### Lighting



Lamp	LED, SMD 5050
Power	* 3.66-4.57 W/FT
Beam Angle	160°
Average Life	50,000 Hours
Lumens	* 89-136lm/FT
Efficacy	* 24-30 lm/W

### Electrical

Control	IC (CHASE)
Input Voltage	24VDC
Max Input Current	4.12A
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	4-15/16" (125mm)
# of LEDs	18/FT (60/m)
Maximum Run Length	* 21FT (6.5m) to 25FT (7.9m)
Medial Bend Radius	2-1/4" (60mm)
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
NVMX180	180° Adjustable Mounting Channel Adapter
NVMALB	L Bracket Mounting Adaptor

\* 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** catalog

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## Performance

Color	Power	Lumens	Efficacy	Max. Length	Cutting Increments
RGB	3.66 W/FT	89 lm/FT	24 lm/W	25 ft 11 in	4-15/16 in (125mm)
RGB27K	4.57 W/FT	131 lm/FT	29 lm/W	20 ft 9 in	4-15/16 in (125mm)
RGB30K	4.57 W/FT	134 lm/FT	29 lm/W	20 ft 9 in	4-15/16 in (125mm)
RGB40K	4.57 W/FT	136 lm/FT	30 lm/W	20 ft 9 in	4-15/16 in (125mm)

## Ordering

Product Name

BL neonVIEW PIXEL DOME SI

Color

M1 = RGB  
M2 = RGB27K  
M3 = RGB30K  
M4 = RGB40K

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  
NVMX180 = 180° Adjustable Mounting Channel Adaptor  
NVMALB = L Bracket Mounting Adaptor

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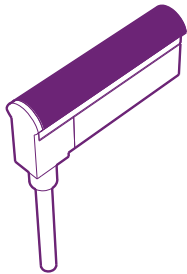
Dome Profile, Silicone, Chase

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## Lead Orientation

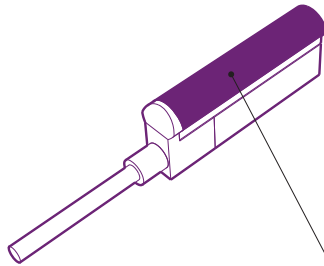
### Back Lead

Part# NVTK68SMBC



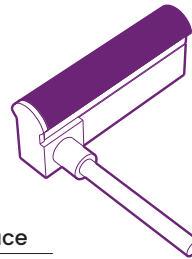
### End Lead

Part# NVTK68SMEC



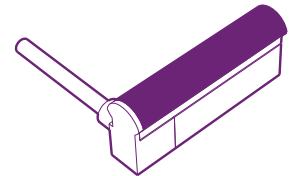
### Right Side Lead

Part# NVTK68SMRSC

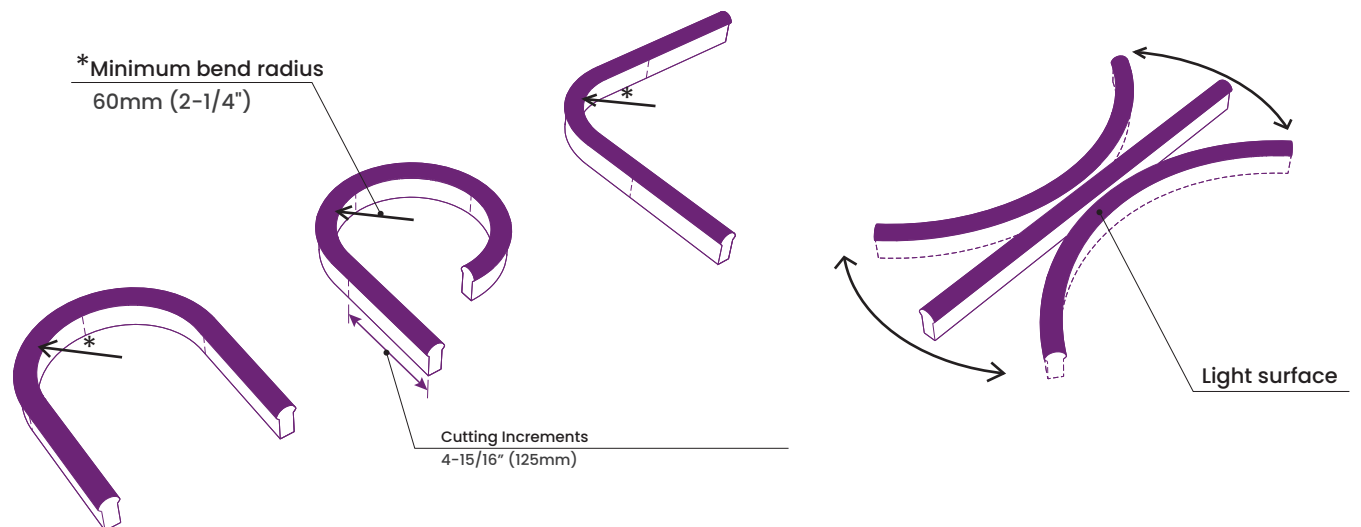


### Left Side Lead

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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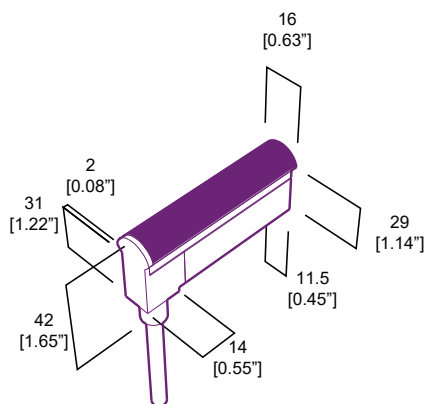
Printed

## Dimensions

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

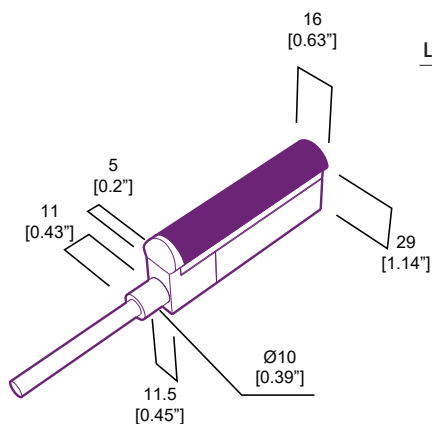
### Back Lead

Part# NVTK68SMBC

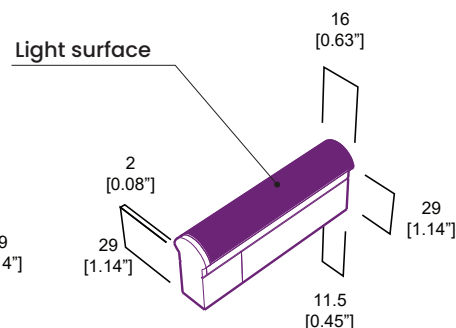


### End Lead

Part# NVTK68SMEC

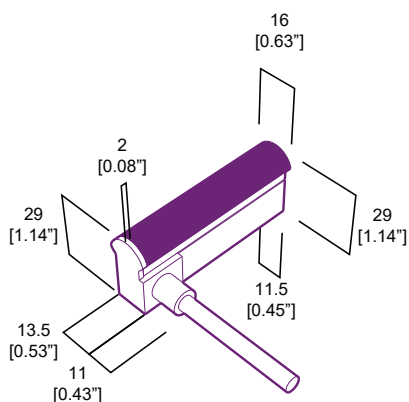


### End Cap



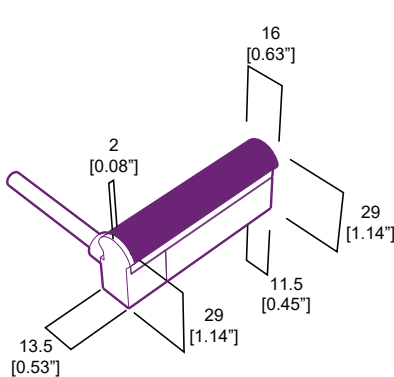
### Right Side Lead

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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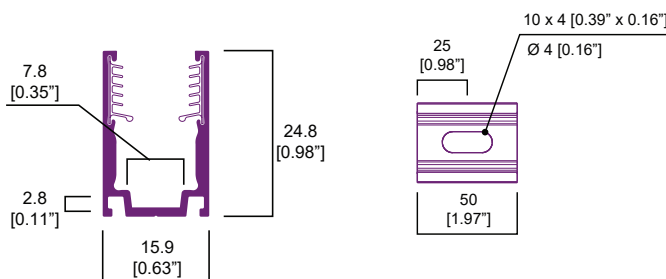
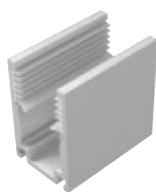
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## Accessories (Surface Mounting Clip and Channel)

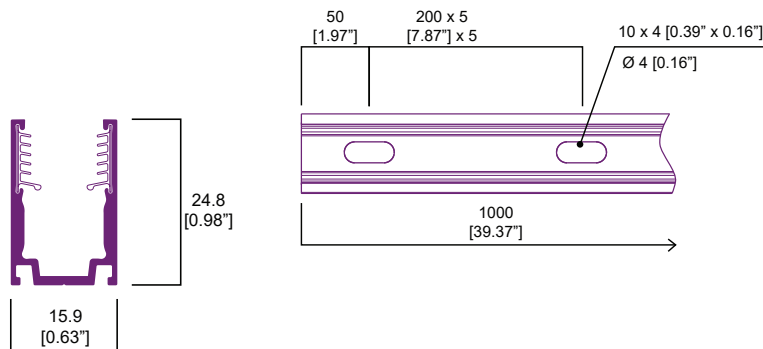
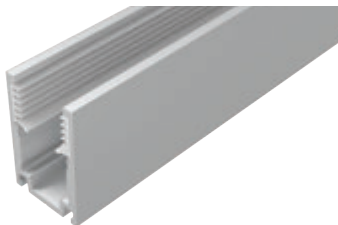
### Surface Mounting Clip

Part# NVCP



### Surface Mounting Channel

Part# NVMCH



For more detail, please download the CAD Drawing

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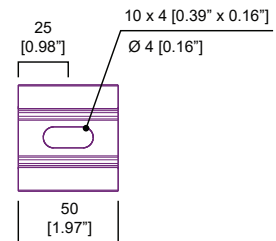
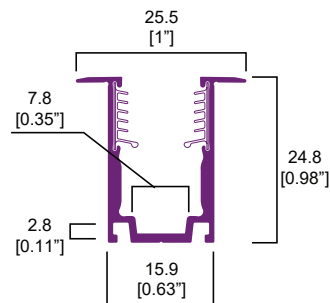
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## Accessories (Recessed Mounting Clip and Channel)

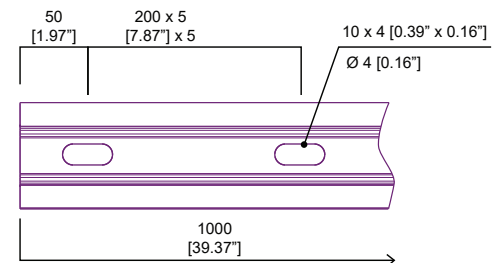
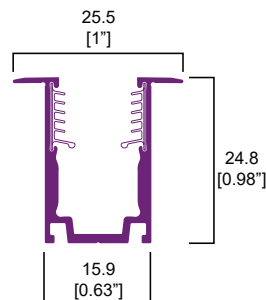
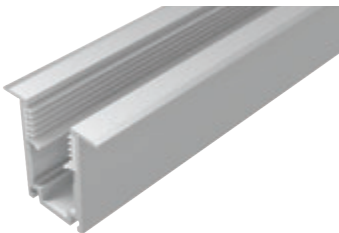
### Recessed Mounting Clip

Part# NVRMC



### Recessed Mounting Channel

Part# NVRMCH



For more detail, please download the CAD Drawing

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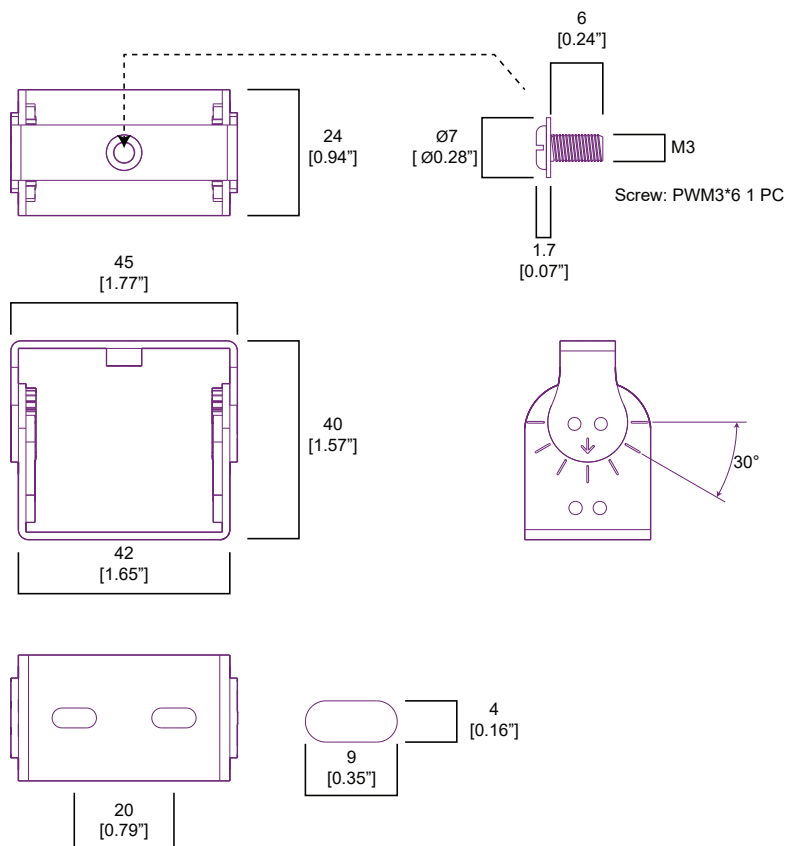
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## Accessories

### 180° Adjustable Mounting Channel Adapter

Part# NVMC180



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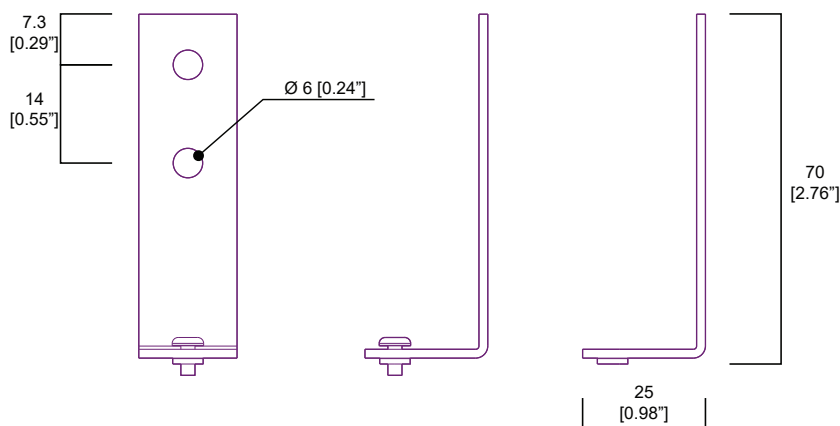
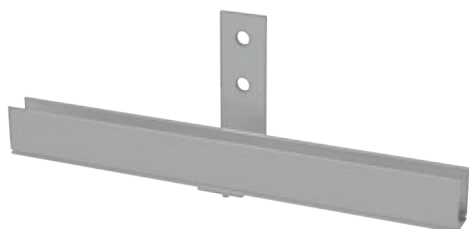
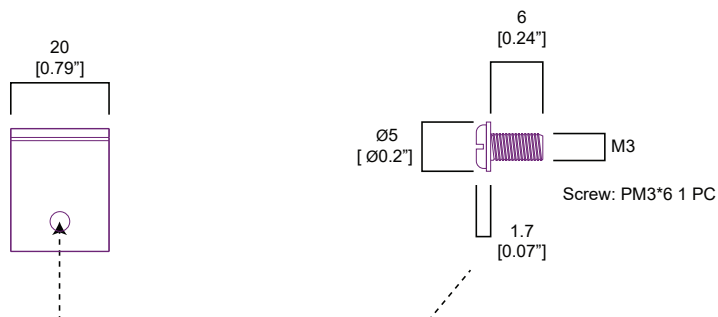
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## Accessories

### L Bracket Mounting Adaptor

Part# NVMALB



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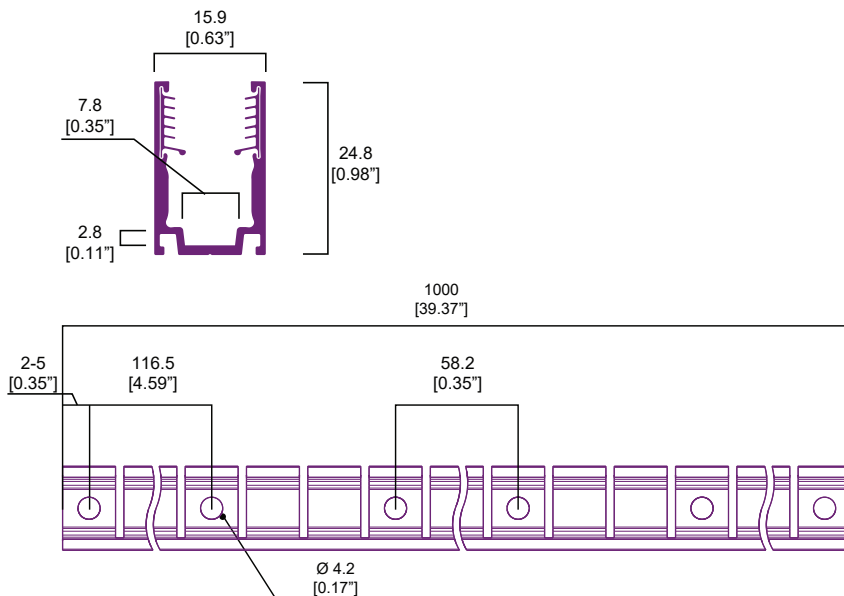
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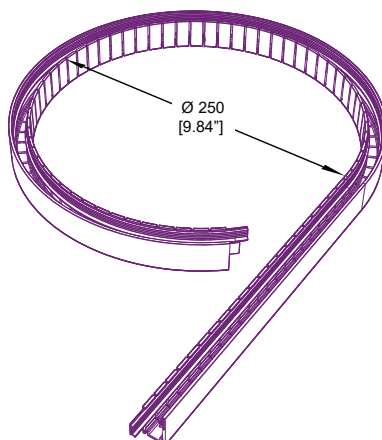
## Accessories

### Flexible Mounting Channel

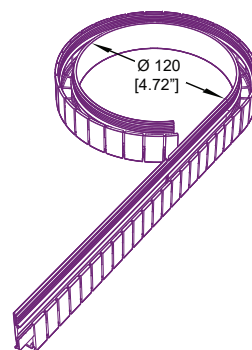
Part# NVFMCH



Min. Bending Diameter  
(Segmented Side Outwards)



Min. Bending Diameter  
(Segmented Side Inwards)



For more detail, please download the CAD Drawing

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