

BL neonVIEW

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

FLAT SI SC

Flat 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	120°
Average Life	50,000 Hours
Lumens	* 26-143 lm/FT
Efficacy	* 7-39 lm/W

Electrical

Control	0-10V, MLV, ELV, Phase-Cut, Triac, 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	2-3/16" (55.6mm) : White CCTs/Green/Blue * 3-9/32" (83.3mm) : Red/Amber
Maximum Run Length	25FT (7.9m) to 39FT (12m) * 60mm (2-1/4")
Medial Bend Radius	IP68 (Seamless Injection Molded)
Environmental	Clip, Track
Mounting	

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	106 lm/FT	29 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
2400K	3.66 W/FT	128 lm/FT	35 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
2700K	3.66 W/FT	128 lm/FT	35 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
3000K	3.66 W/FT	135 lm/FT	37 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
3500K	3.66 W/FT	132 lm/FT	36 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
4000K	3.66 W/FT	141 lm/FT	39 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
5700K	3.66 W/FT	128 lm/FT	35 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
Red	2.45 W/FT	51 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	26 lm/FT	7 lm/W	25 ft 11 in	3-9/32 in (83.3mm)
Amber	2.45 W/FT	47 lm/FT	19 lm/W	38 ft 12 in	4-59/64 in (125mm)

Ordering

Product Name

BL neonVIEW FLAT SI SC 24V

CCT/Color

2200K
2400K
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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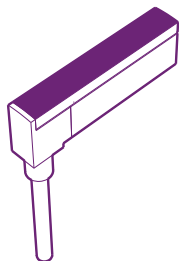
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Lead Orientation

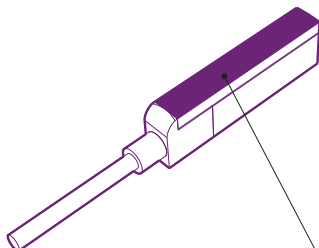
Back Lead

Part# NVTK68SMBC



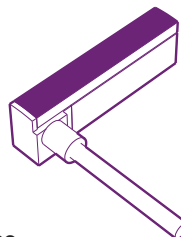
End Lead

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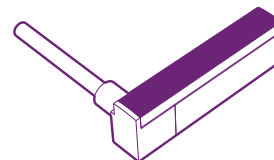
Right Side Lead

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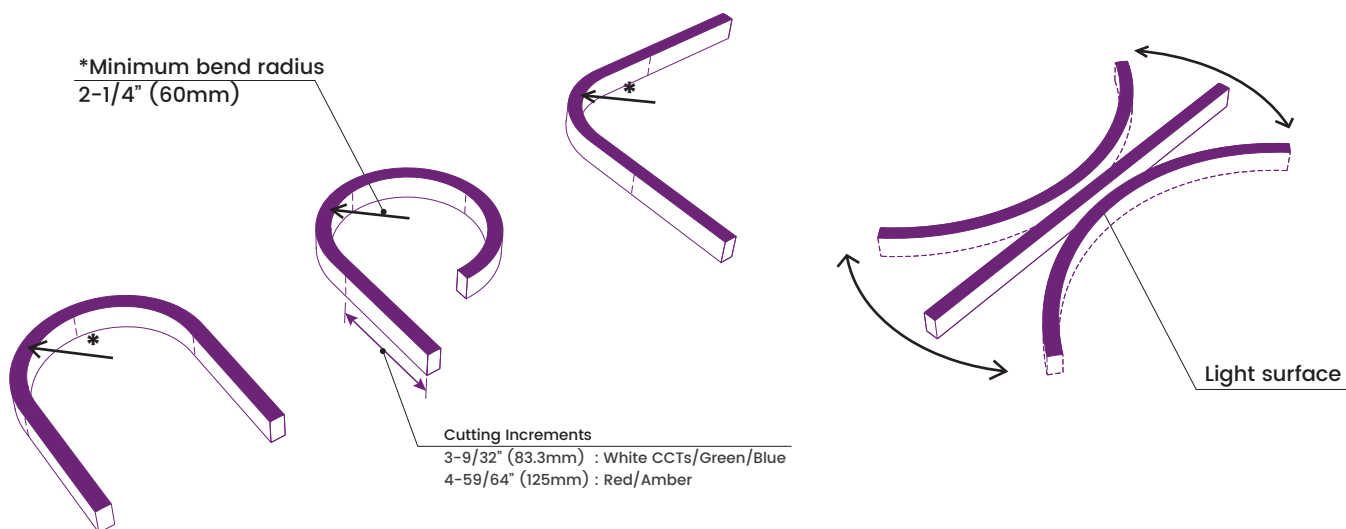
Left Side Lead

Part# NVTK68SMLSC



Light surface

Minimum Bend Radius and Bend Orientations



BL neonVIEW FLAT Series bends horizontally

*Vertical bend option available on
BL neonVIEW SIDE Series

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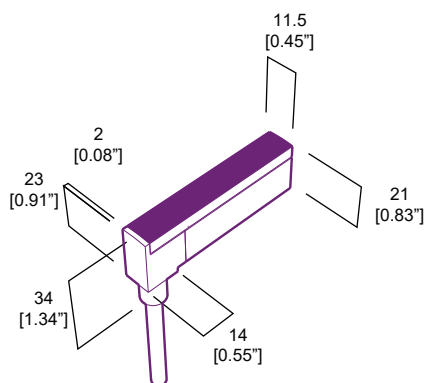
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Dimensions (IP67 Seamless Injection Molded)

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

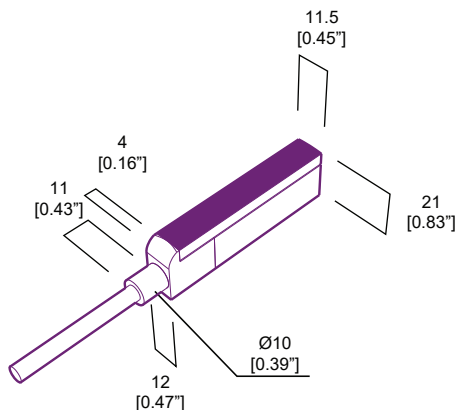
Back Lead

Part# NVTK68SMBC

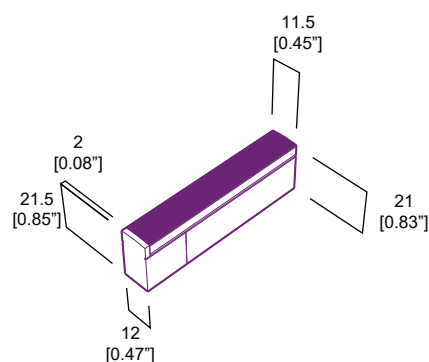


End Lead

Part# NVTK68SMEC

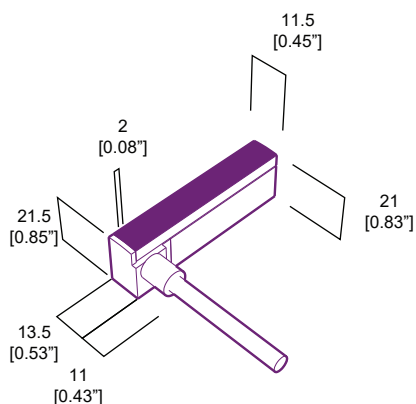


End Cap



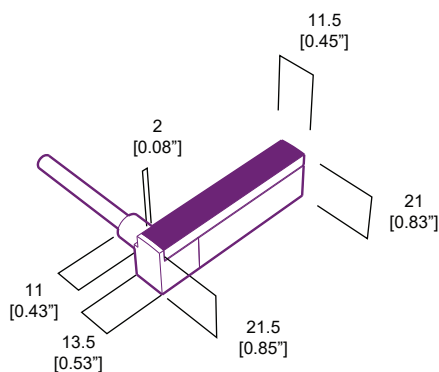
Right Side Lead

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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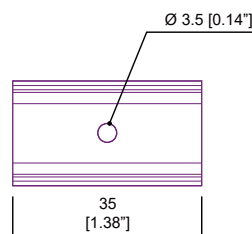
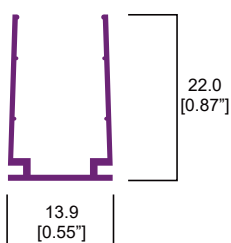
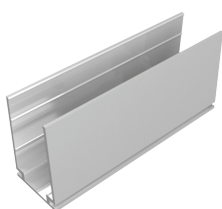
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Accessories (Surface Mounting Clip and Channel)

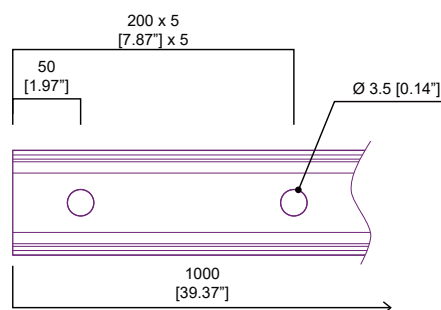
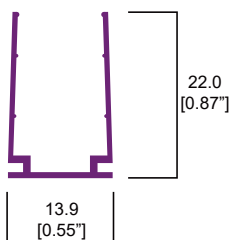
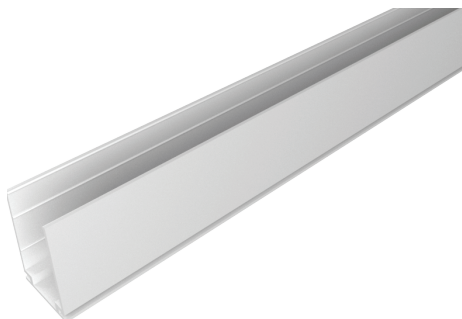
Surface Mounting Clip

Part# NVCP



Surface Mounting Channel

Part# NVMCH



For more detail, please download the CAD Drawing

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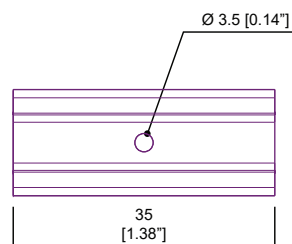
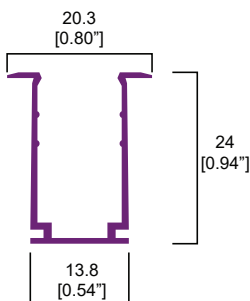
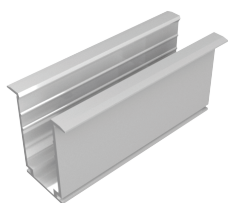
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Accessories (Recessed Mounting Clip and Channel)

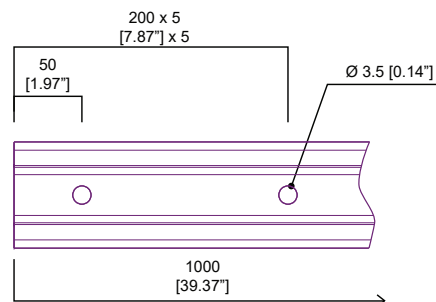
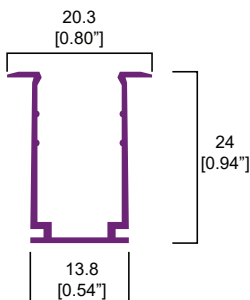
Recessed Mounting Clip

Part# NVRMC



Recessed Mounting Channel

Part# NVRMCH



For more detail, please download the CAD Drawing

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