

BL neonVIEW

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

PIXEL FLAT SI

Flat Profile, Silicone, Chase

Printed

Certification



Lighting



Lamp	LED, SMD 5050
Power	* 3.66-4.57 W/FT
Beam Angle	120°
Average Life	50,000 Hours
Lumens	* 71-119lm/FT
Efficacy	* 20-26 lm/W

Electrical

Control	IC (CHASE)
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	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	71 lm/FT	20 lm/W	25 ft 11 in	4-15/16 in (125mm)
RGB27K	4.57 W/FT	115 lm/FT	25 lm/W	20 ft 9 in	4-15/16 in (125mm)
RGB30K	4.57 W/FT	116 lm/FT	25 lm/W	20 ft 9 in	4-15/16 in (125mm)
RGB40K	4.57 W/FT	119 lm/FT	26 lm/W	20 ft 9 in	4-15/16 in (125mm)

Ordering

Product Name

BL neonVIEW PIXEL FLAT 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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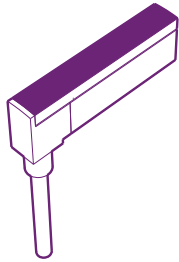
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Lead Orientation

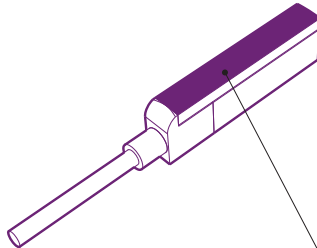
Back Lead

Part# NVTK68SMBC



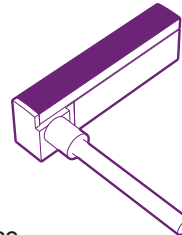
End Lead

Part# NVTK68SMEC



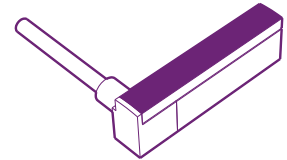
Right Side Lead

Part# NVTK68SMRSC



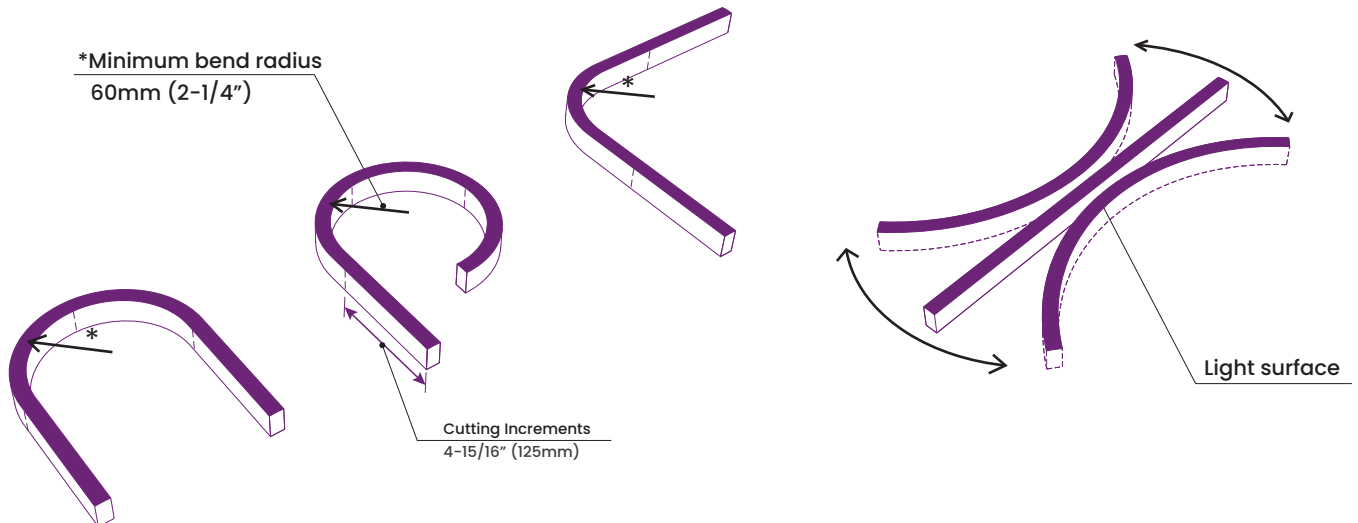
Left Side Lead

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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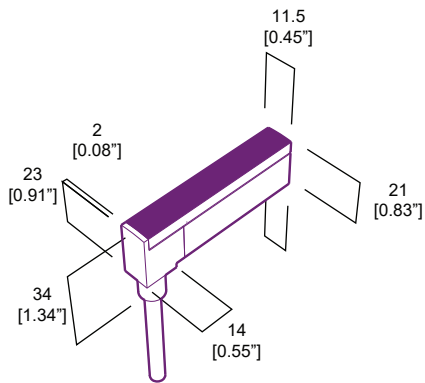
Printed

Dimensions

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

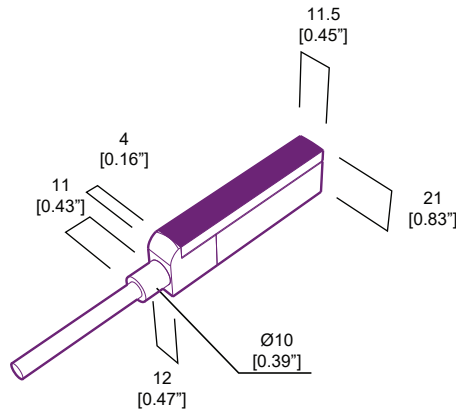
Back Lead

Part# NVTK68SMBC

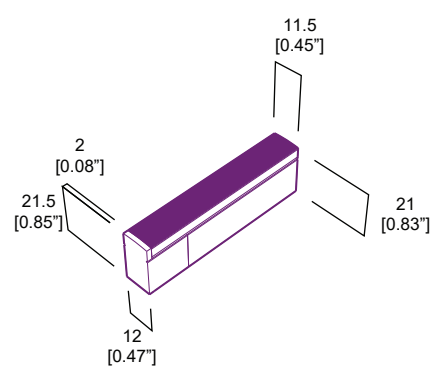


End Lead

Part# NVTK68SMEC

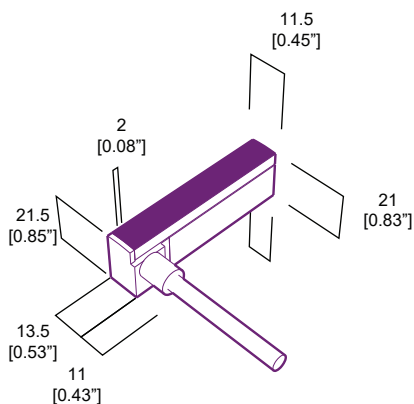


End Cap



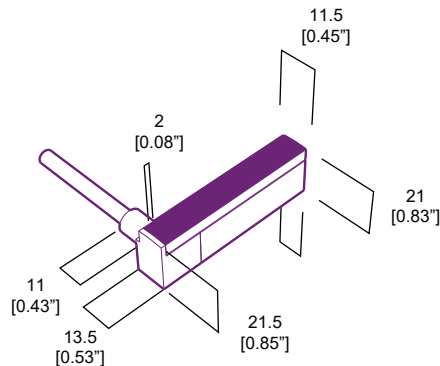
Right Side Lead

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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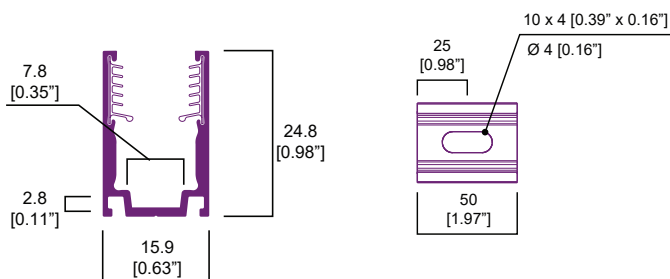
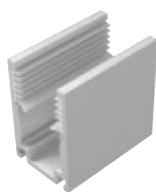
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Accessories (Surface Mounting Clip and Channel)

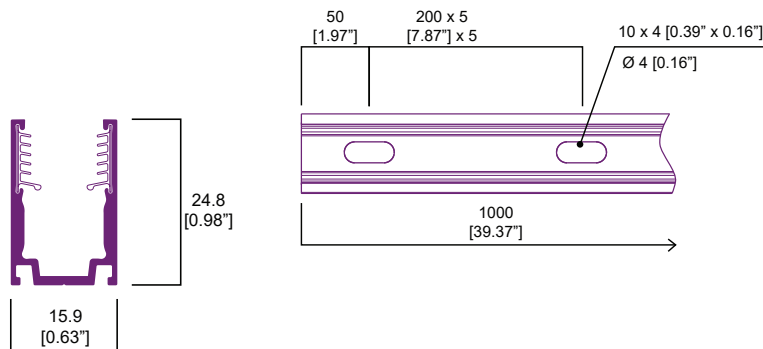
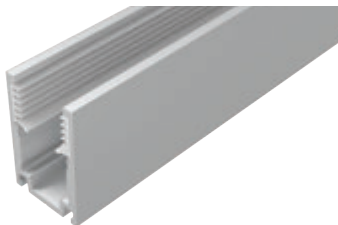
Surface Mounting Clip

Part# NVCP



Surface Mounting Channel

Part# NVMCH



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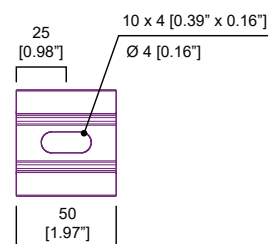
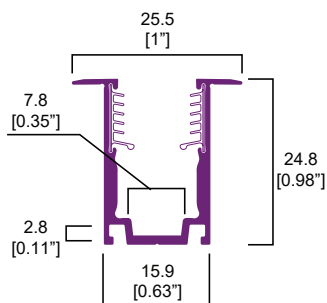
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Accessories (Recessed Mounting Clip and Channel)

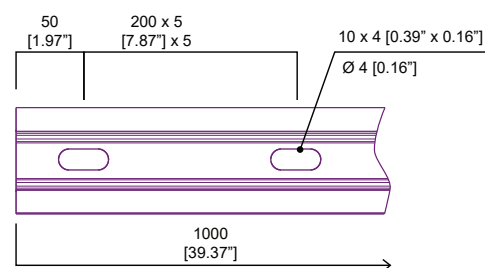
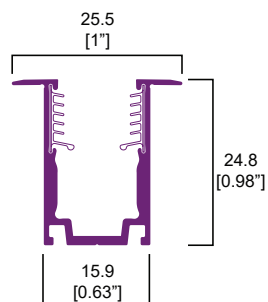
Recessed Mounting Clip

Part# NVRMC



Recessed Mounting Channel

Part# NVRMCH



For more detail, please download the CAD Drawing

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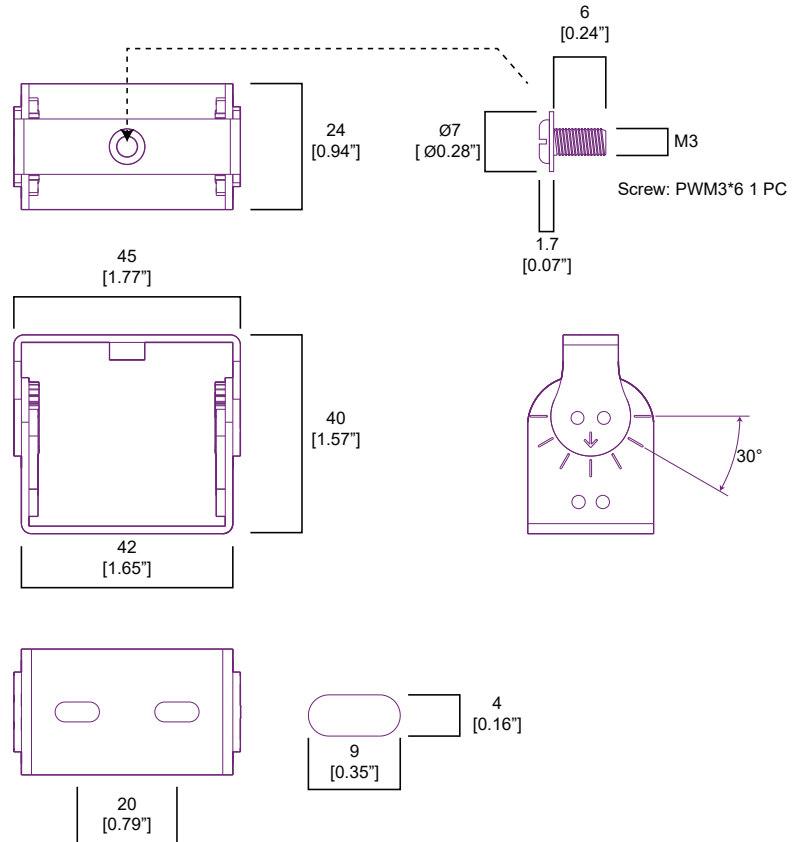
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Accessories

180° Adjustable Mounting Channel Adapter

Part# NVMC180



For more detail, please download the CAD Drawing

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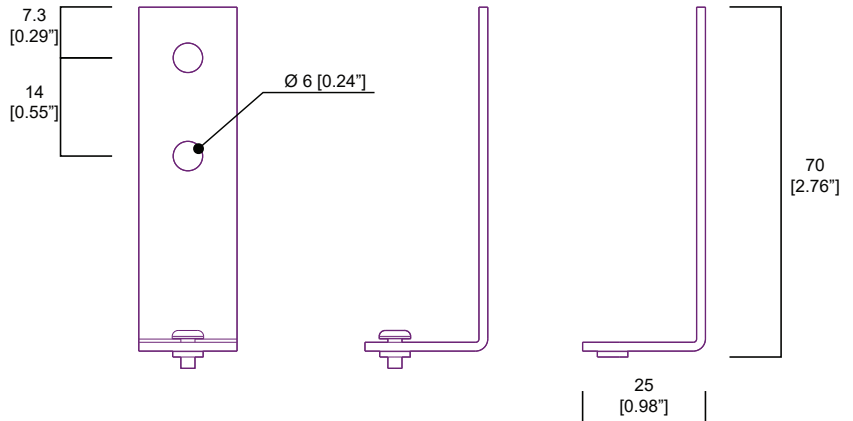
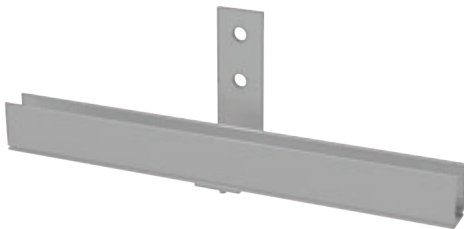
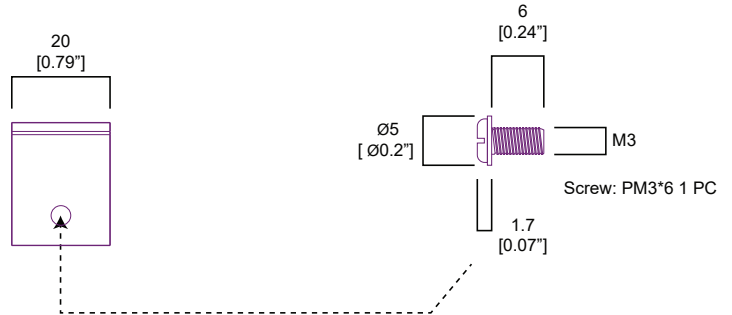
Flat Profile, Silicone, Chase

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Accessories

L Bracket Mounting Adaptor

Part# NVMALB



For more detail, please download the CAD Drawing

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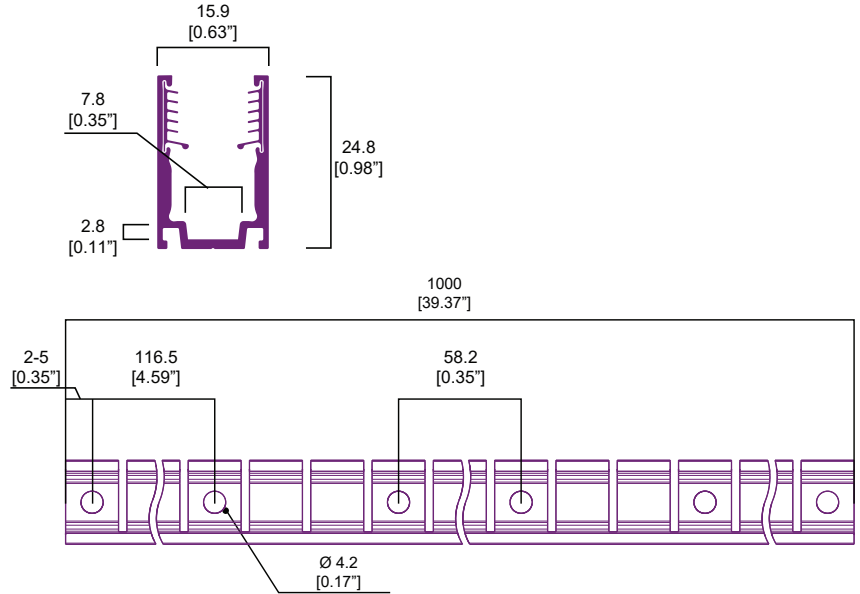
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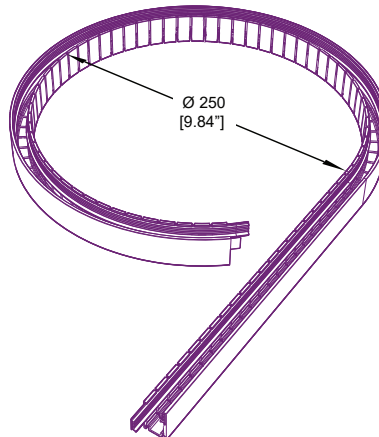
Accessories

Flexible Mounting Channel

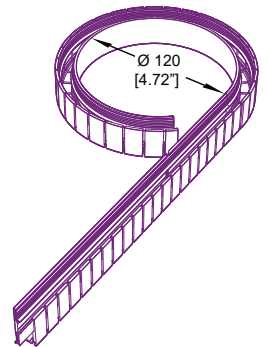
Part# NVFMCH



Min. Bending Diameter
(Segmented Side Outwards)



Min. Bending Diameter
(Segmented Side Inwards)



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