

Date: \_\_\_\_\_ Project: \_\_\_\_\_

Type: \_\_\_\_\_ Part #: \_\_\_\_\_



Model Shown: 12" Nexus Light Bar

# Nexus

## Line Voltage - Modular Light Bar

The NEXUS Modular Light Bar delivers a refined, low-profile lighting solution for coves, under-cabinet installations, and integrated architectural details.

Available in multiple lengths with seamless runs up to 20 meters, NEXUS features precision connectors that create custom configurations, shapes, and continuous lighting patterns.



## Product Features

- cETLus certified 5017228
- No Driver Needed
- Flicker-free and high PF design complying with Title-24 / JA8
- Extruded Aluminum housing
- Frosted Polycarbonate Lens
- Compact design with uniform light distribution.
- TRIAC dimming is available with compatible dimmers
- Modular components enable seamless connections
- Max. Linkable Length: 65.6 ft (20 m)
- IP20 rated for indoor use only
- Operating temp: -4°F to +113°F (-20°C to +45°C)
- Rated lifetime L70: >100,000 hours
- 5 Year Warranty

## Specifications

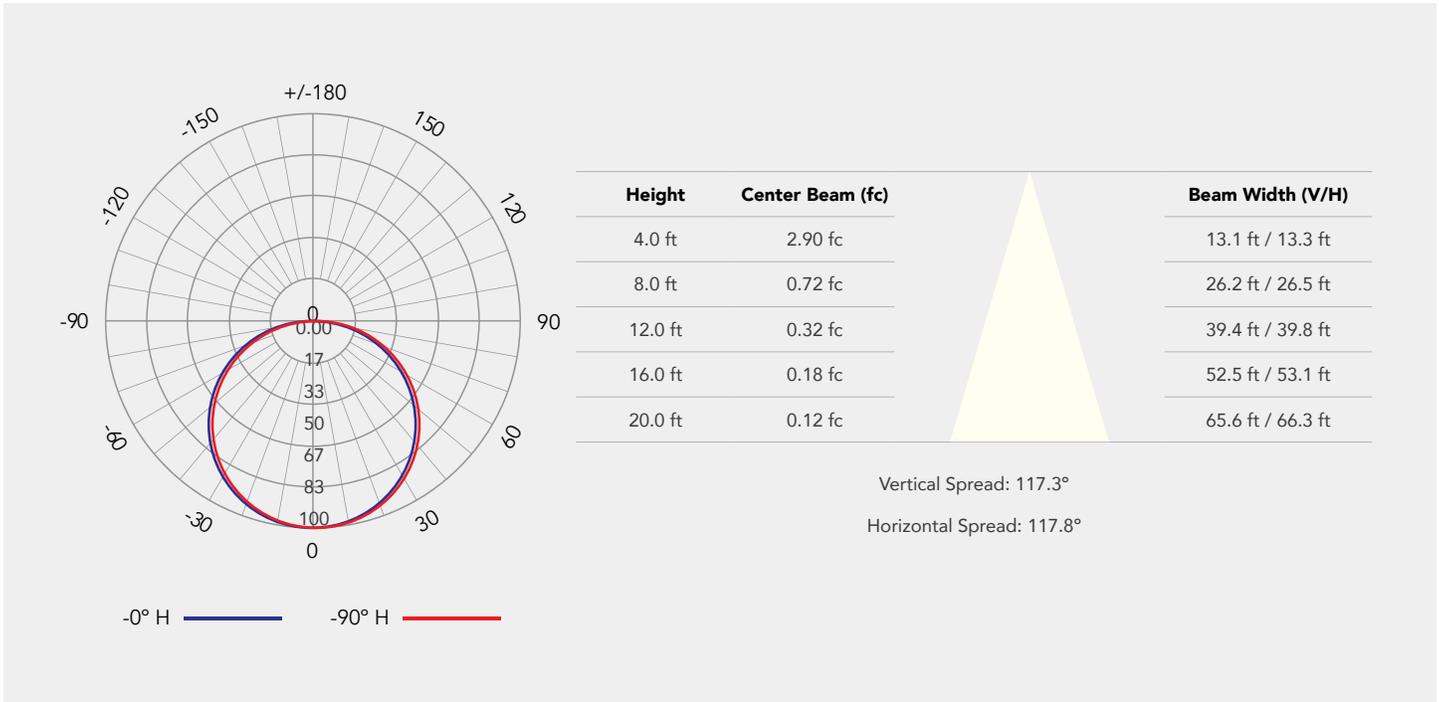
<b>Voltage</b>	120V AC
<b>Wattage</b>	6": 2.4W 12": 4.8W 24": 9.6W 48": 19.2W
<b>CCT</b>	3000K, 3500K, 4000K, 5000K
<b>CRI</b>	90+
<b>Lumens</b>	133 – 1,190 lm
<b>Beam Angle</b>	120°
<b>Mounting</b>	Recessed Surface (2 brackets included)
<b>Applications</b>	Cabinet, Retail, Hospitality, Shelf, Stair and corridors
<b>Certifications</b>	ETL, RoHS, Title-24, JA8

## Specifications

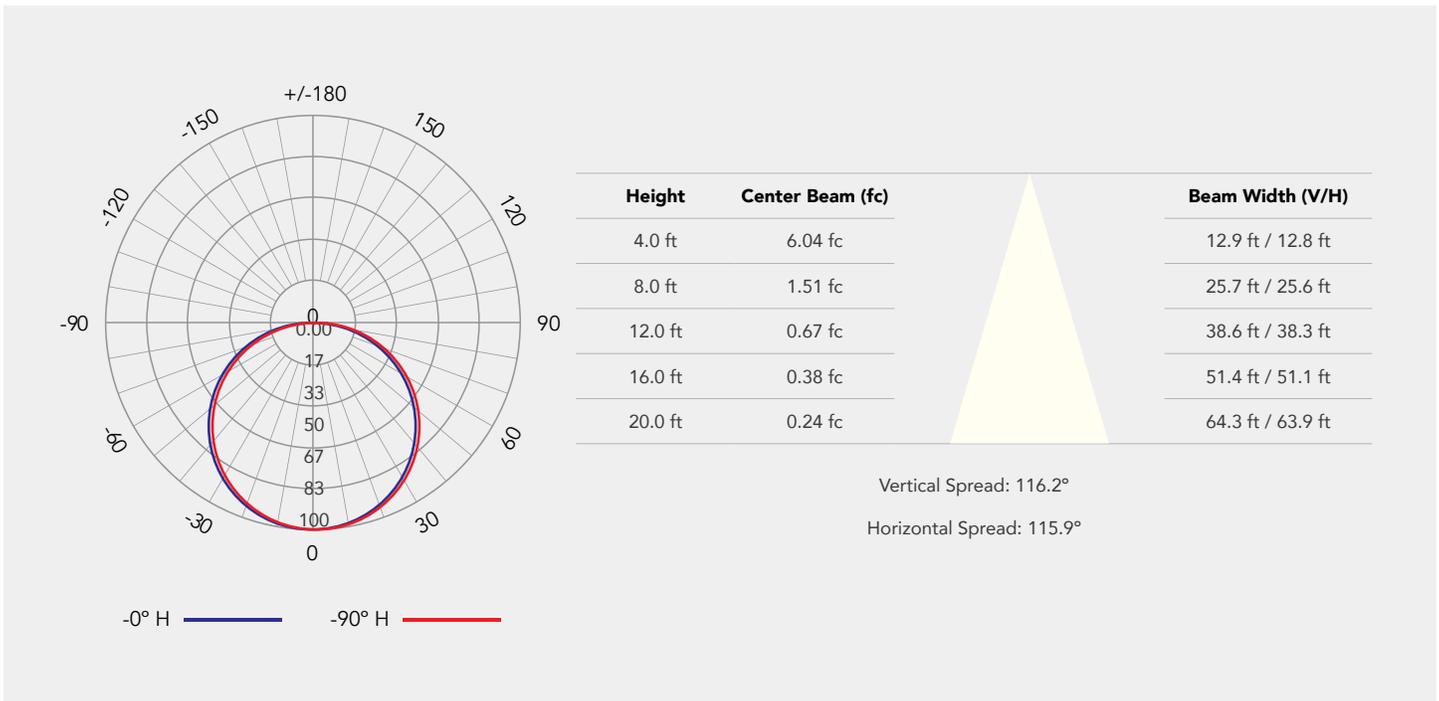
Order #	Model #	Size	Voltage	Wattage	Delivered Lumens	Efficacy	CCT	Finish
<b>R33044</b>	RENO-NX-HL-6-30K-AC	6"	120V	2.4W	133 lm	55,4 lm/W	3000K	Silver
<b>R33045</b>	RENO-NX-HL-6-35K-AC	6"	120V	2.4W	133 lm	55,4 lm/W	3500K	Silver
<b>R33046</b>	RENO-NX-HL-6-40K-AC	6"	120V	2.4W	140 lm	58,3 lm/W	4000K	Silver
<b>R33047</b>	RENO-NX-HL-6-50K-AC	6"	120V	2.4W	140 lm	58,3 lm/W	5000K	Silver
<b>R33048</b>	RENO-NX-HL-12-30K-AC	12"	120V	4.8W	280 lm	58,3 lm/W	3000K	Silver
<b>R33049</b>	RENO-NX-HL-12-35K-AC	12"	120V	4.8W	280 lm	58,3 lm/W	3500K	Silver
<b>R33050</b>	RENO-NX-HL-12-40K-AC	12"	120V	4.8W	300 lm	62,5 lm/W	4000K	Silver
<b>R33051</b>	RENO-NX-HL-12-50K-AC	12"	120V	4.8W	300 lm	62,5 lm/W	5000K	Silver
<b>R33052</b>	RENO-NX-HL-24-30K-AC	24"	120V	9.6W	570 lm	59,4 lm/W	3000K	Silver
<b>R33053</b>	RENO-NX-HL-24-35K-AC	24"	120V	9.6W	570 lm	59,4 lm/W	3500K	Silver
<b>R33054</b>	RENO-NX-HL-24-40K-AC	24"	120V	9.6W	600 lm	62,5 lm/W	4000K	Silver
<b>R33055</b>	RENO-NX-HL-24-50K-AC	24"	120V	9.6W	600 lm	62,5 lm/W	5000K	Silver
<b>R33056</b>	RENO-NX-HL-48-30K-AC	48"	120V	19.2W	1,130 lm	58,8 lm/W	3000K	Silver
<b>R33057</b>	RENO-NX-HL-48-35K-AC	48"	120V	19.2W	1,130 lm	58,8 lm/W	3500K	Silver
<b>R33058</b>	RENO-NX-HL-48-40K-AC	48"	120V	19.2W	1,190 lm	61,9 lm/W	4000K	Silver
<b>R33059</b>	RENO-NX-HL-48-50K-AC	48"	120V	19.2W	1,190 lm	61,9 lm/W	5000K	Silver

## Photometrics

Nexus 6" at 3500K

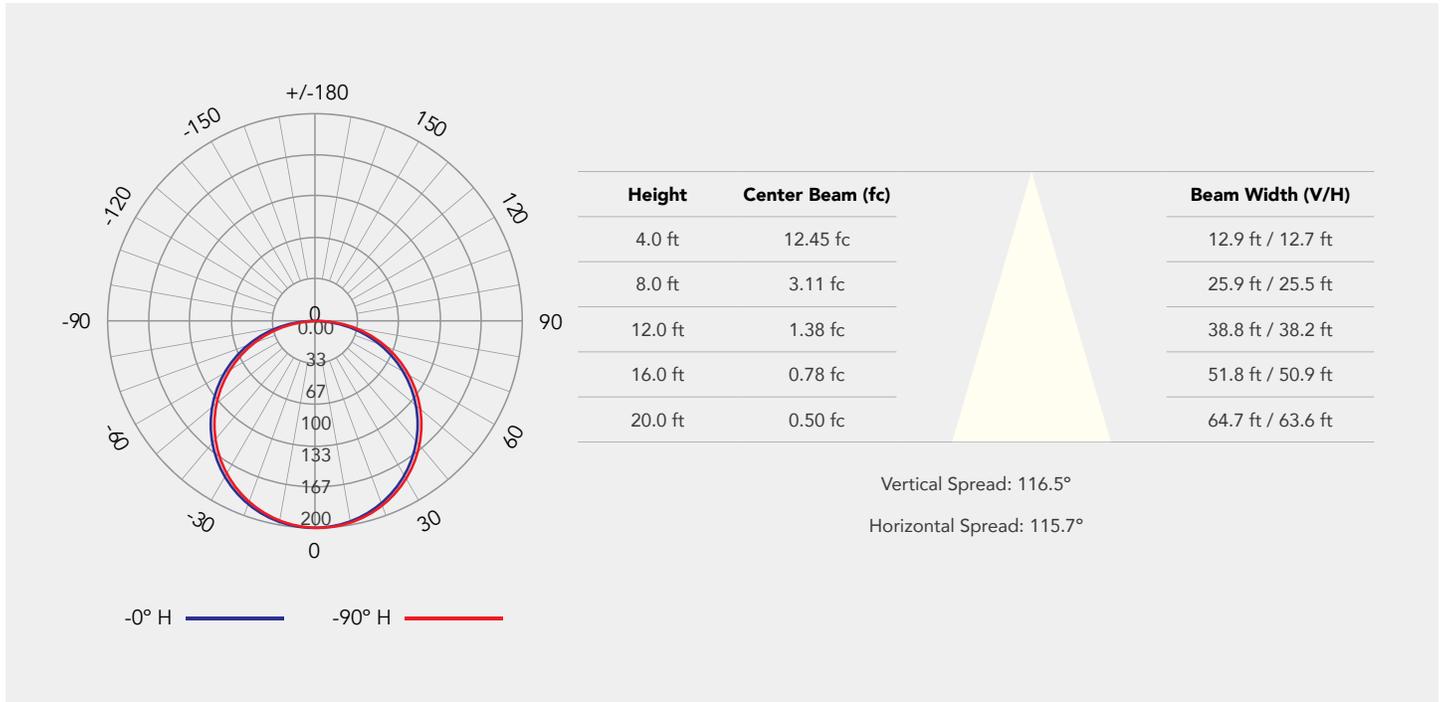


Nexus 12" at 3500K

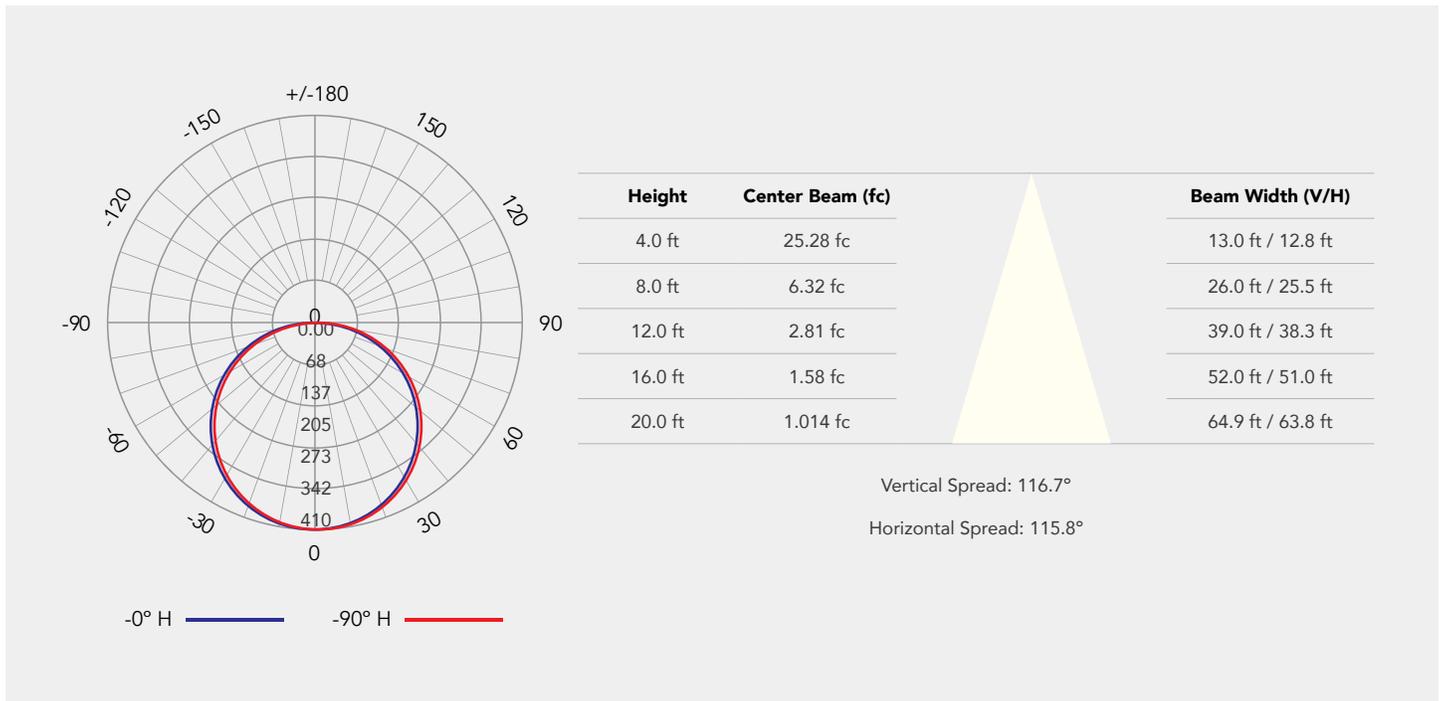


## Photometrics

Nexus 24 at 3500K



Nexus 48" at 3500K



## Accessories

Power and Wiring



**HW Power Cable for Hardwire**

R39001

RENO-NX-HL-PC



**Power Cable with Plug**

R39002

RENO-NX-HL-PCP



**HW Power Cable, On/Off Switch**

R39003

RENO-NX-HL-OS



**Jumper Cable**

R39005

RENO-NX-HL-JC



**Power Cable, On/Off Switch & Plug**

R39004

RENO-NX-HL-OSP



**Hardware Box**

R39009

RENO-NX-HL-HB

## Specifications

Order #	Model #	Size	Type	Description
<b>R39001</b>	RENO-NX-HL-PC	3 ft	HW Cable	3 ft Power cable for hardwire
<b>R39002</b>	RENO-NX-HL-PCP	3 ft	Cable with Plug	3 ft Power cable with plug
<b>R39003</b>	RENO-NX-HL-OS	3 ft	HW Cable with Switch	3 ft Power cable with On / Off switch for hardwire
<b>R39004</b>	RENO-NX-HL-OSP	3 ft	Cable with Plug & Switch	3 ft Power Cable with On / Off switch and plug
<b>R39005</b>	RENO-NX-HL-JC	6"	Jumper Cable	6" jumper cable
<b>R39009</b>	RENO-NX-HL-HB		Hardware box	Hardware box for Modular Light bar with on/off switch

## Accessories

### Connectors



**I-Shape Connector**

R39006

RENO-NX-HL-I



**L-Shape Corner Connector (left)**

R39007

RENO-NX-HL-LL



**L-Shape Corner Connector (right)**

R39008

RENO-NX-HL-LR

### L-Shape 90° Illuminated corner connector (Right & Left)



**L-Shape 90° Illuminated Corner**

3000K - Left

R39010 – RENO-NX-HL-30K-LL



**L-Shape 90° Illuminated Corner**

3000K - Right

R39011 – RENO-NX-HL-30K-LR



**L-Shape 90° Illuminated Corner**

3500K - Left

R39012 – RENO-NX-HL-35K-LL



**L-Shape 90° Illuminated Corner**

3500K - Right

R39013 – RENO-NX-HL-35K-LR



**L-Shape 90° Illuminated Corner**

4000K - Left

R39014 – RENO-NX-HL-40K-LL



**L-Shape 90° Illuminated Corner**

4000K - Right

R39015 – RENO-NX-HL-40K-LR



**L-Shape 90° Illuminated Corner**

5000K - Left

R39016 – RENO-NX-HL-50K-LL



**L-Shape 90° Illuminated Corner**

5000K - Right

R39017 – RENO-NX-HL-50K-LR

## Specifications

Order #	Model #	Shape	Type	Description
<b>R39006</b>	RENO-NX-HL-I	I	Connector	I-Shape Continuous Connector
<b>R39007</b>	RENO-NX-HL-LL	L	Connector	L-Shape Corner Connector (Left)
<b>R39008</b>	RENO-NX-HL-LR	L	Connector	L-Shape Corner Connector (Right)
<b>R39010</b>	RENO-NX-HL-30K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3000K (Left)
<b>R39011</b>	RENO-NX-HL-30K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3000K (Right)
<b>R39012</b>	RENO-NX-HL-35K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3500K (Left)
<b>R39013</b>	RENO-NX-HL-35K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3500K (Right)
<b>R39014</b>	RENO-NX-HL-40K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 4000K (Left)
<b>R39015</b>	RENO-NX-HL-40K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 4500K (Right)
<b>R39016</b>	RENO-NX-HL-50K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 5000K (Left)
<b>R39017</b>	RENO-NX-HL-50K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 5000K (Right)

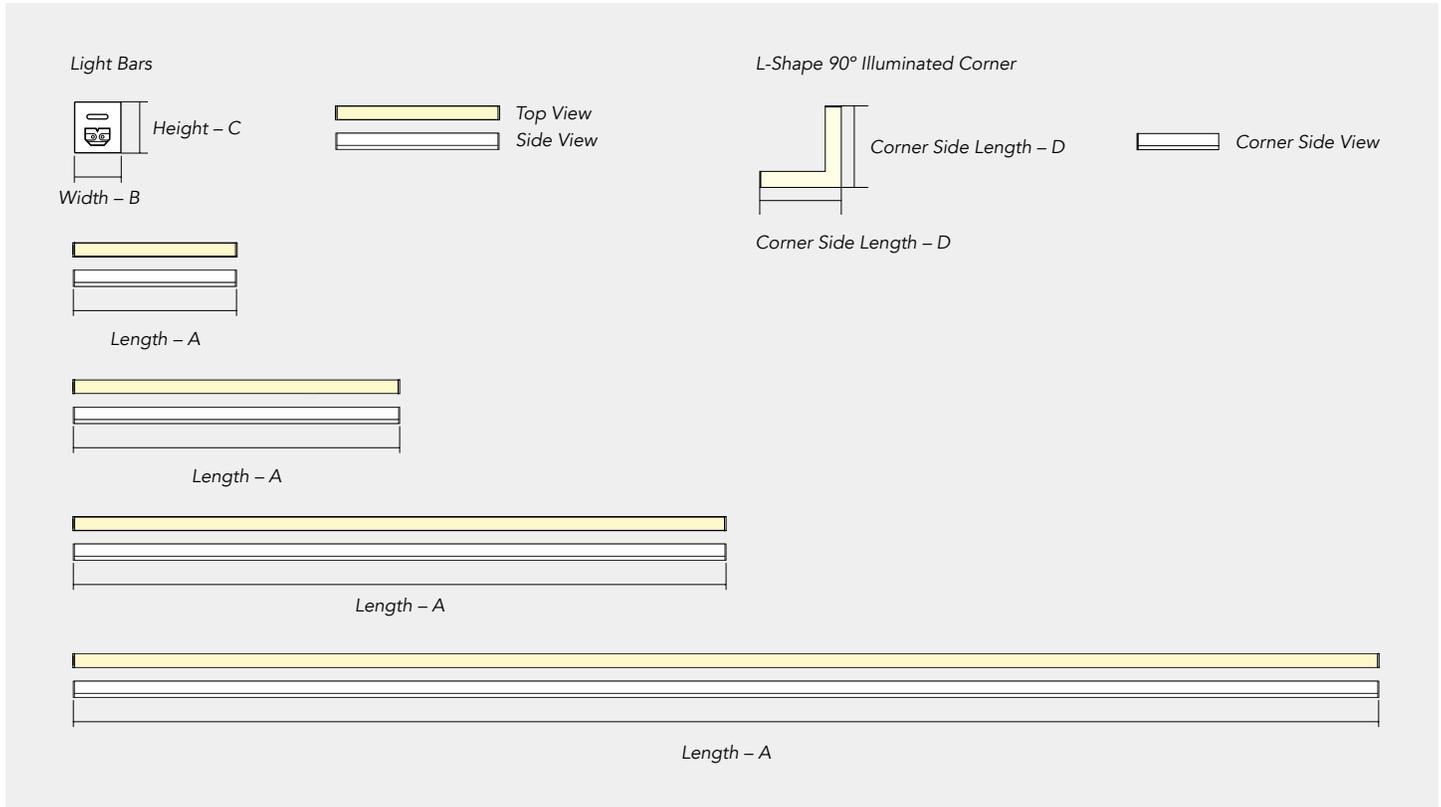
Note: Be aware – left and right corner connectors are not interchangeable

## Compatible Dimmers

Brand	Model
<b>Lutron</b>	DVCL-153P
<b>Lutron</b>	DVLV-600P
<b>Lutron</b>	DV-600P
<b>Lutron</b>	DVRF-6L
<b>Lutron</b>	RCL-153PNL
<b>Lutron</b>	MSCL-OP153M
<b>Lutron</b>	MACL-153ML
<b>Lutron</b>	CTCL-150
<b>Lutron</b>	CTCL-153P
<b>Lutron</b>	SCL-153P
<b>Lutron</b>	TGCL-153P
<b>Lutron</b>	STCL-153M
<b>Leviton</b>	IPL06
<b>Leviton</b>	DSL06
<b>Leviton</b>	6683

## Dimensions

Light bars & Illuminated Corners



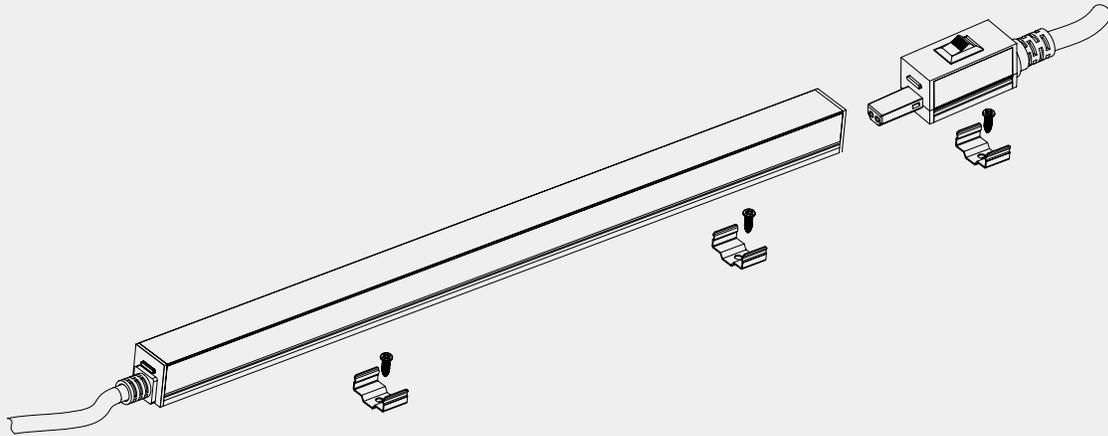
	Nexus 6	Nexus 12	Nexus 24	Nexus 48
<b>Length - A</b>	6"   152 mm	12"   305 mm	24"   610 mm	48"   1,217 mm
<b>Width - B</b>	0.71"   18 mm	0.71"   18 mm	0.71"   18 mm	0.71"   18 mm
<b>Height - C</b>	0.79"   20 mm	0.79"   20 mm	0.79"   20 mm	0.79"   20 mm

L-Shape 90° Illuminated Corner	
<b>Corner Side Length - D</b>	3.4"   86.5 mm

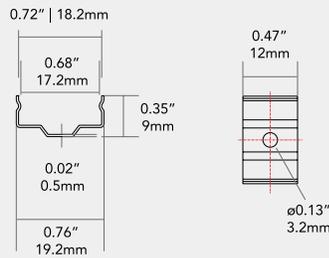
# Mounting

Surface & Recessed

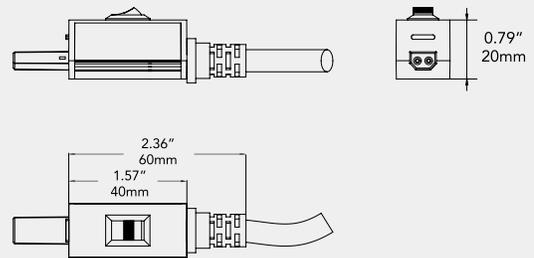
Assembly Overview (with inline On/Off Switch)



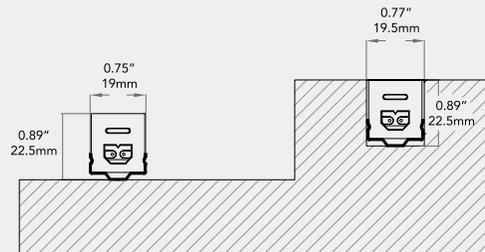
Mounting Brackets (2 included)



Inline On/Off Switch



Surface Mounting | Recessed Mounting



Required space and groove sizes shown above

## Sample Configuration

Building setup examples



Nexus 48



Nexus 24



Nexus 12



Nexus 6



L-Shape 90°  
Illuminated  
Corner - Left

L-Shape 90°  
Illuminated  
Corner - Right

L-Connector  
Left

L-Connector  
Right

I-Connector

