

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.
- 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

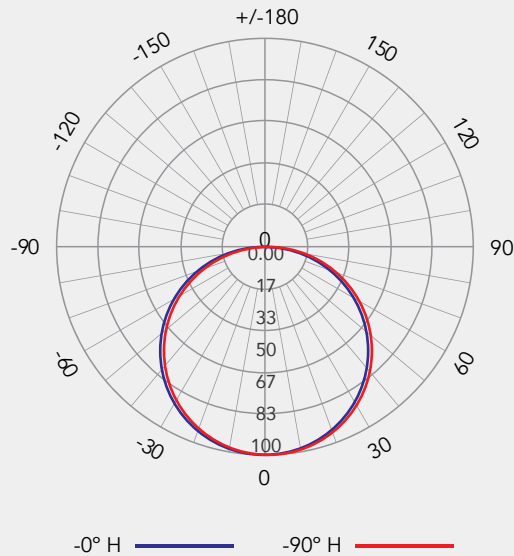
Voltage	120V AC
Wattage	6": 2.4W 12": 4.8W 24": 9.6W 48": 19.2W
CCT	3000K, 3500K, 4000K, 5000K
CRI	90+
Lumens	133 – 1,190 lm
Beam Angle	120°
Mounting	Recessed Surface (2 brackets included)
Applications	Cabinet, Retail, Hospitality, Shelf, Stair and corridors
Certifications	ETL, RoHS, Title-24, JA8

Specifications

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

Photometrics

Nexus 6" at 3500K

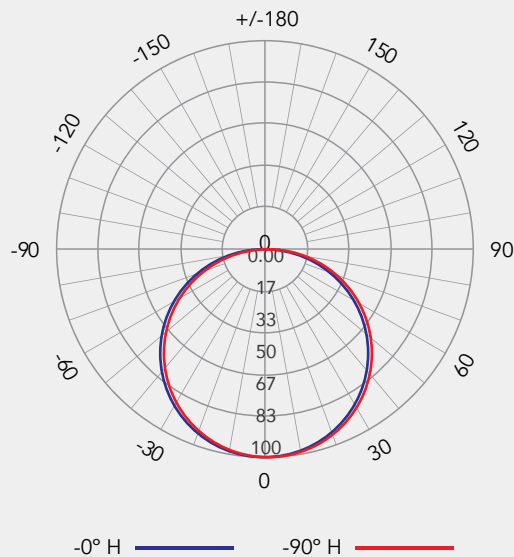


Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	2.90 fc	13.1 ft / 13.3 ft
8.0 ft	0.72 fc	26.2 ft / 26.5 ft
12.0 ft	0.32 fc	39.4 ft / 39.8 ft
16.0 ft	0.18 fc	52.5 ft / 53.1 ft
20.0 ft	0.12 fc	65.6 ft / 66.3 ft

Vertical Spread: 117.3°

Horizontal Spread: 117.8°

Nexus 12" at 3500K



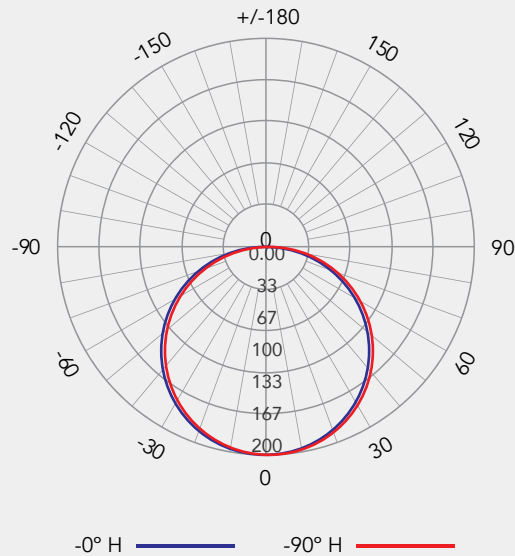
Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	6.04 fc	12.9 ft / 12.8 ft
8.0 ft	1.51 fc	25.7 ft / 25.6 ft
12.0 ft	0.67 fc	38.6 ft / 38.3 ft
16.0 ft	0.38 fc	51.4 ft / 51.1 ft
20.0 ft	0.24 fc	64.3 ft / 63.9 ft

Vertical Spread: 116.2°

Horizontal Spread: 115.9°

Photometrics

Nexus 24 at 3500K

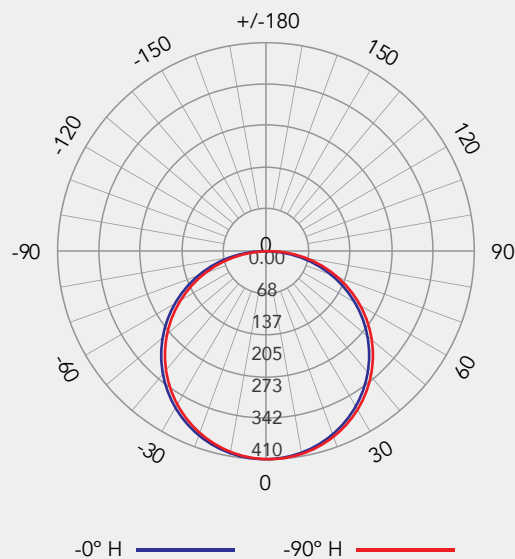


Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	12.45 fc	12.9 ft / 12.7 ft
8.0 ft	3.11 fc	25.9 ft / 25.5 ft
12.0 ft	1.38 fc	38.8 ft / 38.2 ft
16.0 ft	0.78 fc	51.8 ft / 50.9 ft
20.0 ft	0.50 fc	64.7 ft / 63.6 ft

Vertical Spread: 116.5°

Horizontal Spread: 115.7°

Nexus 48" at 3500K



Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	25.28 fc	13.0 ft / 12.8 ft
8.0 ft	6.32 fc	26.0 ft / 25.5 ft
12.0 ft	2.81 fc	39.0 ft / 38.3 ft
16.0 ft	1.58 fc	52.0 ft / 51.0 ft
20.0 ft	1.014 fc	64.9 ft / 63.8 ft

Vertical Spread: 116.7°

Horizontal Spread: 115.8°

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

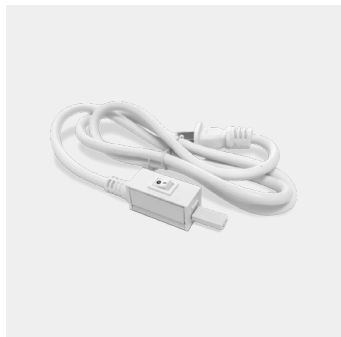
RENO-NX-HL-OS



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
R39001	RENO-NX-HL-PC	3 ft	HW Cable	3 ft Power cable for hardwire
R39002	RENO-NX-HL-PCP	3 ft	Cable with Plug	3 ft Power cable with plug
R39003	RENO-NX-HL-OS	3 ft	HW Cable with Switch	3 ft Power cable with On / Off switch for hardwire
R39004	RENO-NX-HL-OSP	3 ft	Cable with Plug & Switch	3 ft Power Cable with On / Off switch and plug
R39005	RENO-NX-HL-JC	6"	Jumper Cable	6" jumper cable
R39009	RENO-NX-HL-HB		Hardware box	Hardwire 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
R39006	RENO-NX-HL-I	I	Connector	I-Shape Continuous Connector
R39007	RENO-NX-HL-LL	L	Connector	L-Shape Corner Connector (Left)
R39008	RENO-NX-HL-LR	L	Connector	L-Shape Corner Connector (Right)
R39010	RENO-NX-HL-30K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3000K (Left)
R39011	RENO-NX-HL-30K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3000K (Right)
R39012	RENO-NX-HL-35K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3500K (Left)
R39013	RENO-NX-HL-35K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 3500K (Right)
R39014	RENO-NX-HL-40K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 4000K (Left)
R39015	RENO-NX-HL-40K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 4500K (Right)
R39016	RENO-NX-HL-50K-LL	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 5000K (Left)
R39017	RENO-NX-HL-50K-LR	L-Shape 90°	Illuminated Connector	L-Shape 90° Illuminated corner connector 5000K (Right)

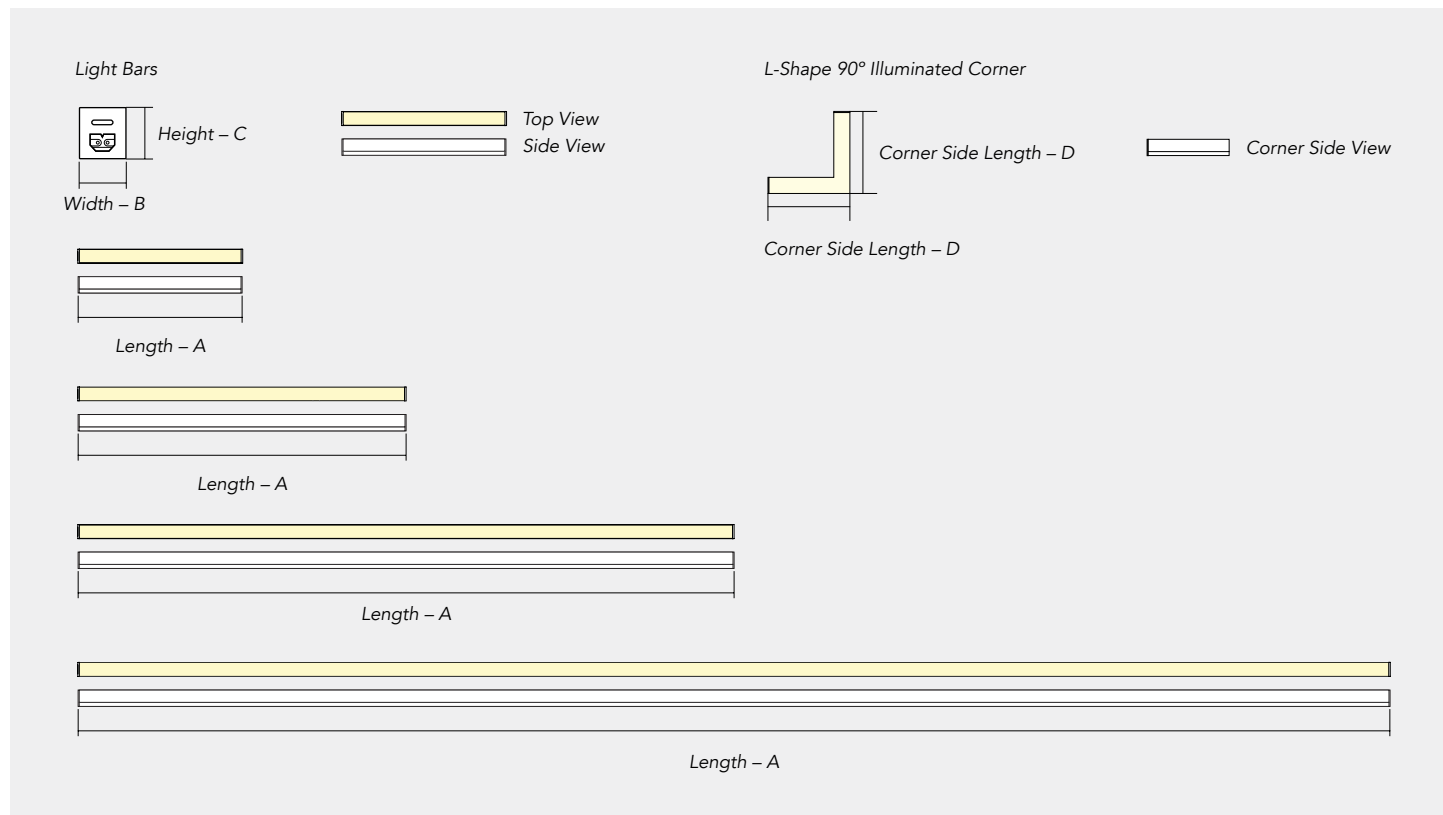
Note: Be aware – left and right corner connectors are not interchangeable

Compatible Dimmers

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

Dimensions

Light bars & Illuminated Corners



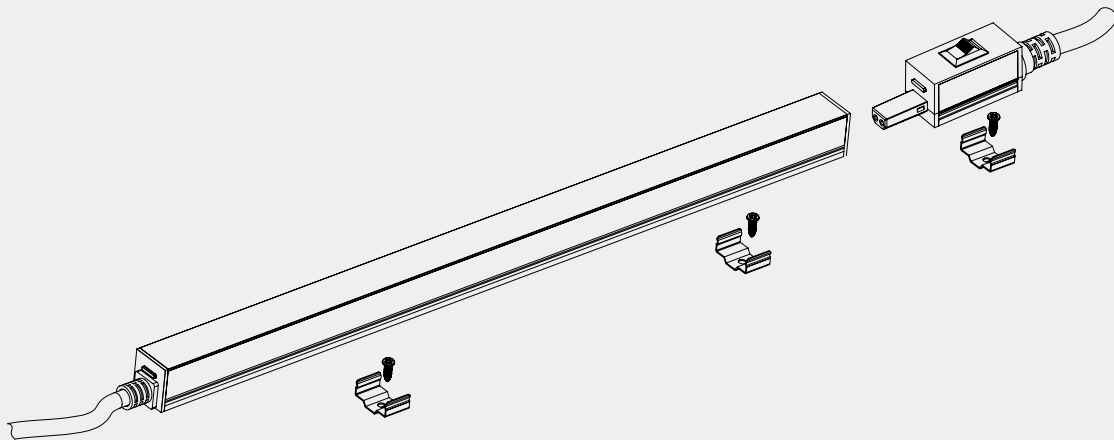
	Nexus 6	Nexus 12	Nexus 24	Nexus 48
Length - A	6" 152 mm	12" 305 mm	24" 610 mm	48" 1,217 mm
Width - B	0.71" 18 mm	0.71" 18 mm	0.71" 18 mm	0.71" 18 mm
Height - C	0.79" 20 mm	0.79" 20 mm	0.79" 20 mm	0.79" 20 mm

L-Shape 90° Illuminated Corner	
Corner Side Length - D	3.4" 86.5 mm

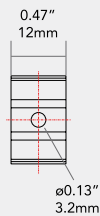
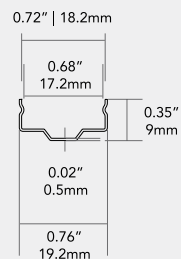
Mounting

Surface & Recessed

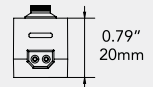
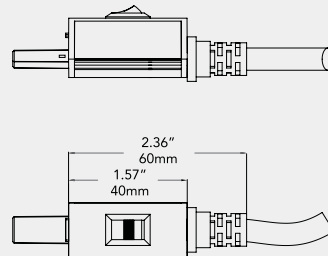
Assembly Overview (with inline On/Off Switch)



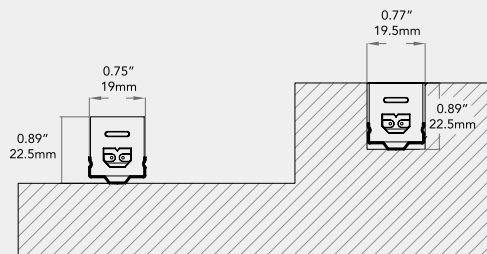
Mounting Brackets (2 included)



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

