

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

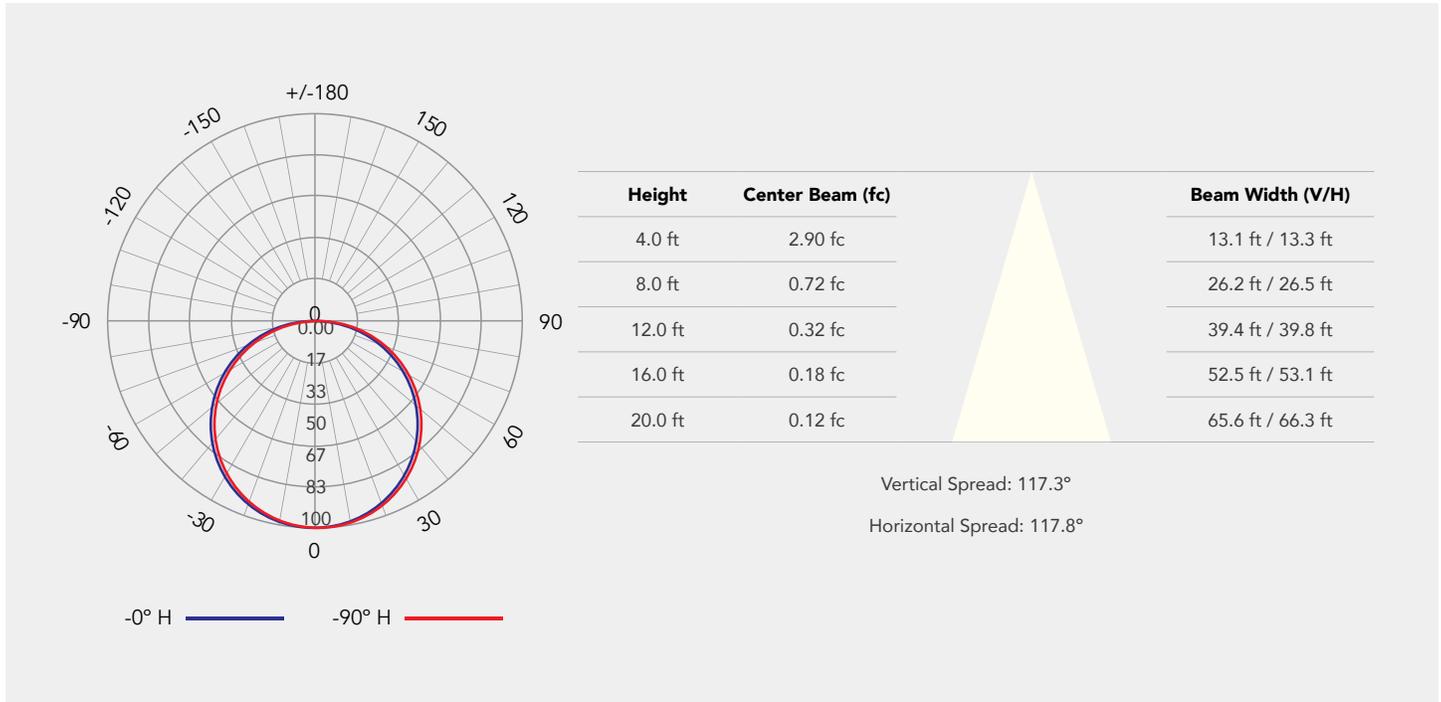
| | |
|-----------------------|---|
| Voltage | 120V AC |
| Wattage | 6": 2.4W 12": 4.8W 24": 9.6W 48": 19.2W |
| CCT | 3000K, 3500K, 4000K, 5000K |
| CRI | 90+ |
| Lumens | 133 – 1,190 lm |
| Beam Angle | 120° |
| Mounting | Recessed Surface (2 brackets included) |
| Applications | Cabinet, Retail,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

Specifications

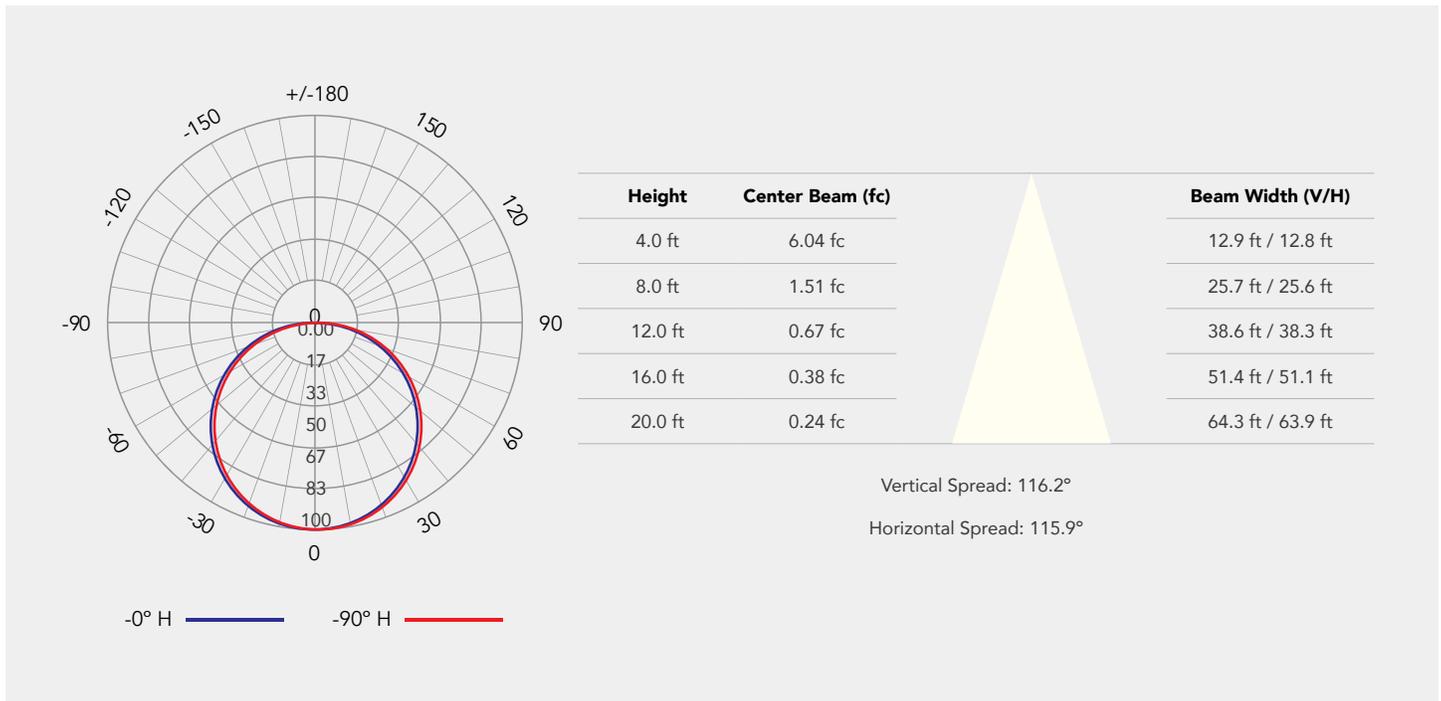
| Order # | Model # | Size | Voltage | Wattage | Delivered Lumens | Efficacy | CCT | Finish |
|---------------|----------------------|------|---------|---------|------------------|-----------|-------|--------|
| R33044 | RENO-NX-HL-6-30K-AC | 6" | 120V | 2.4W | 133 lm | 55,4 lm/W | 3000K | Silver |
| 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

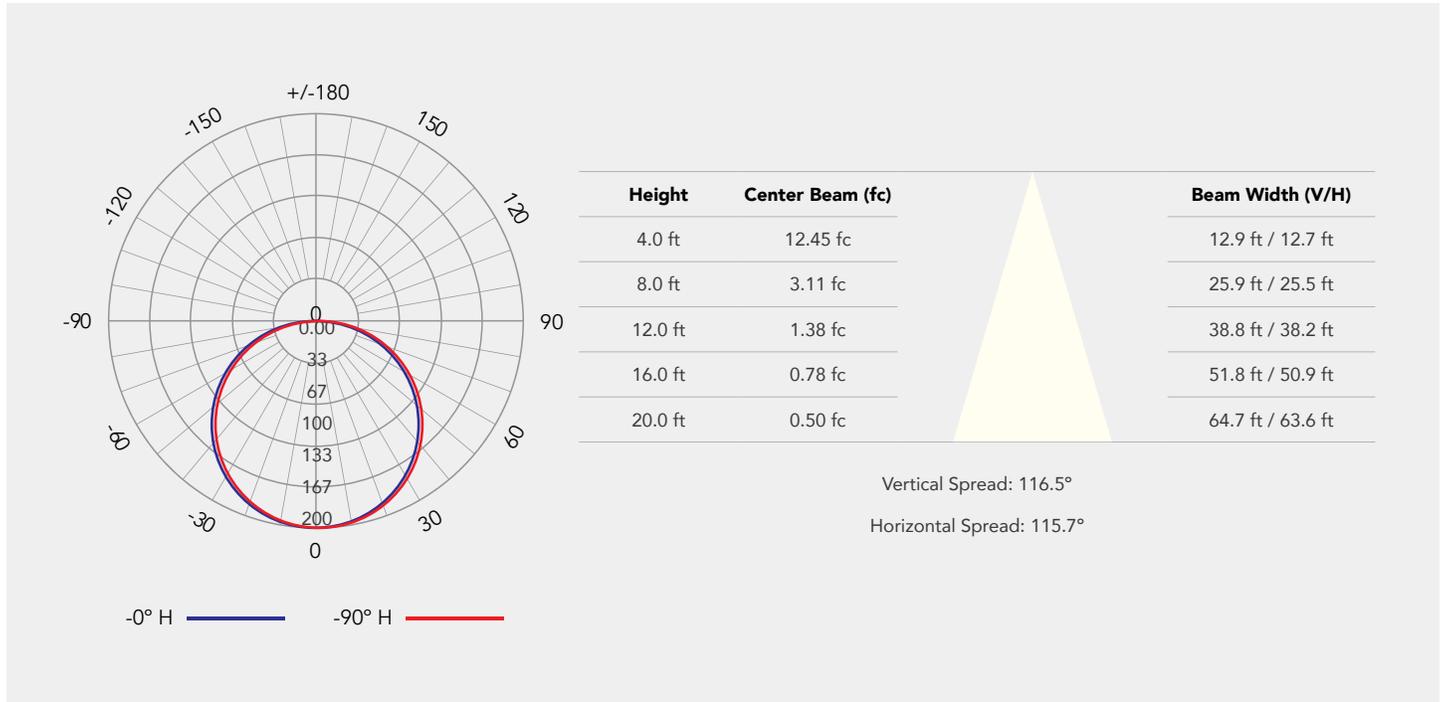


Nexus 12" at 3500K

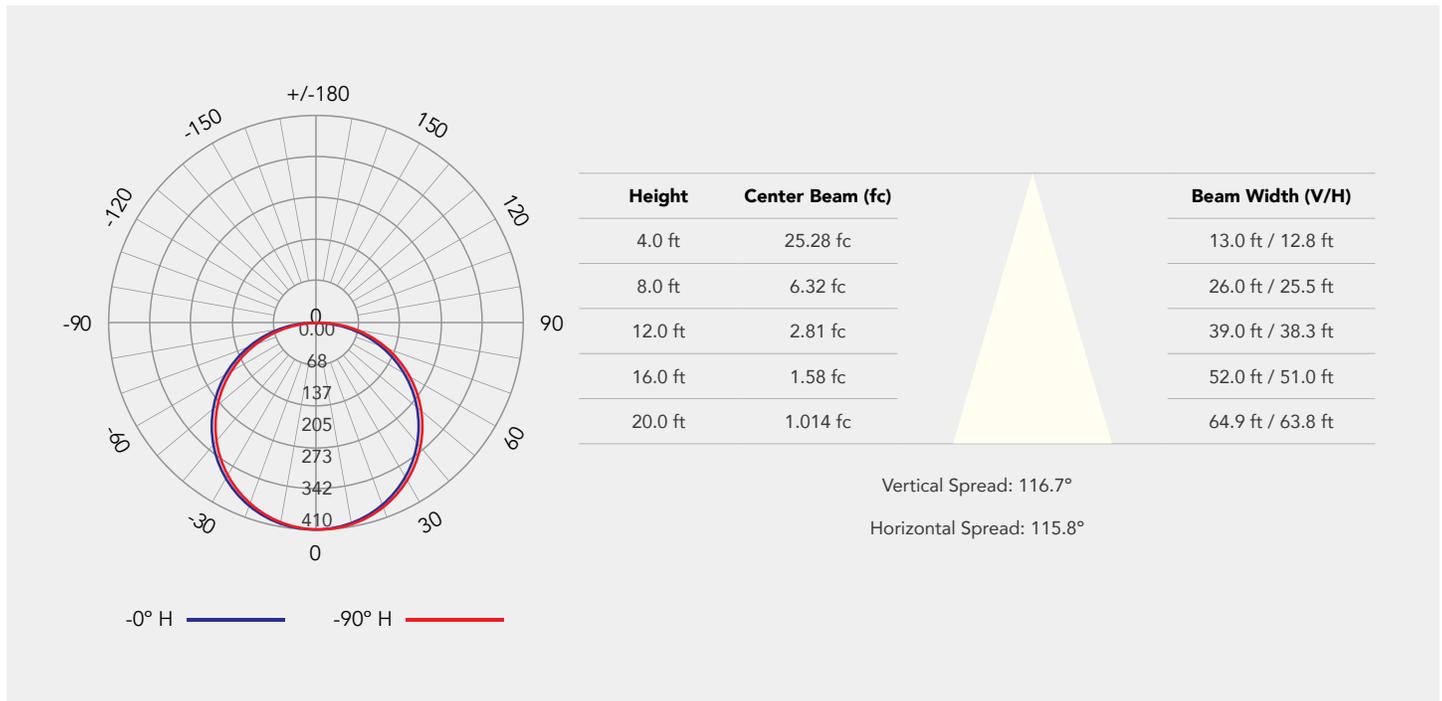


Photometrics

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 |
|---------------|----------------|------|--------------------------|---|
| 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 | 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 |
|---------------|-------------------|-------------|-----------------------|--|
| 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) |

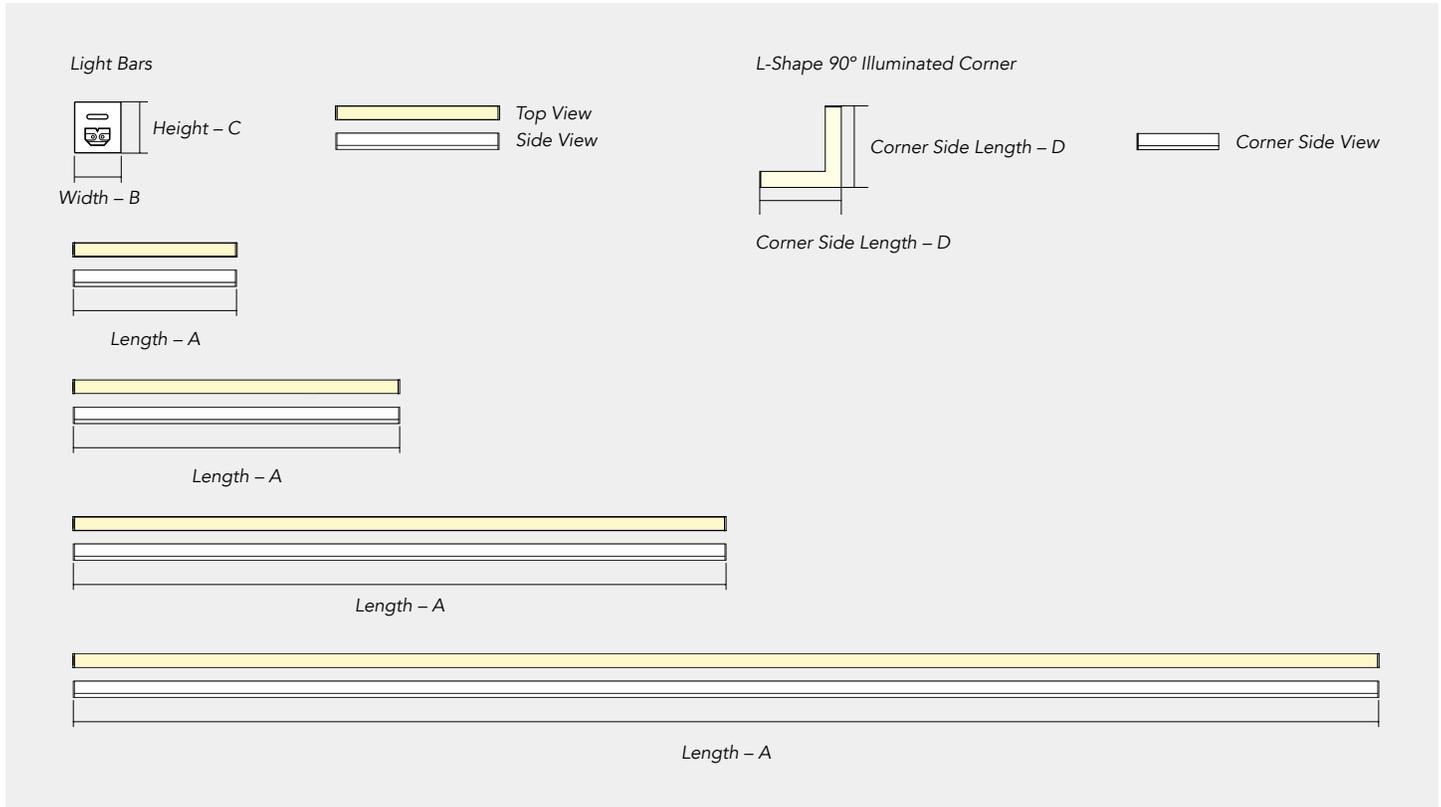
Note: Be aware – left and right corner connectors are not interchangeable

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



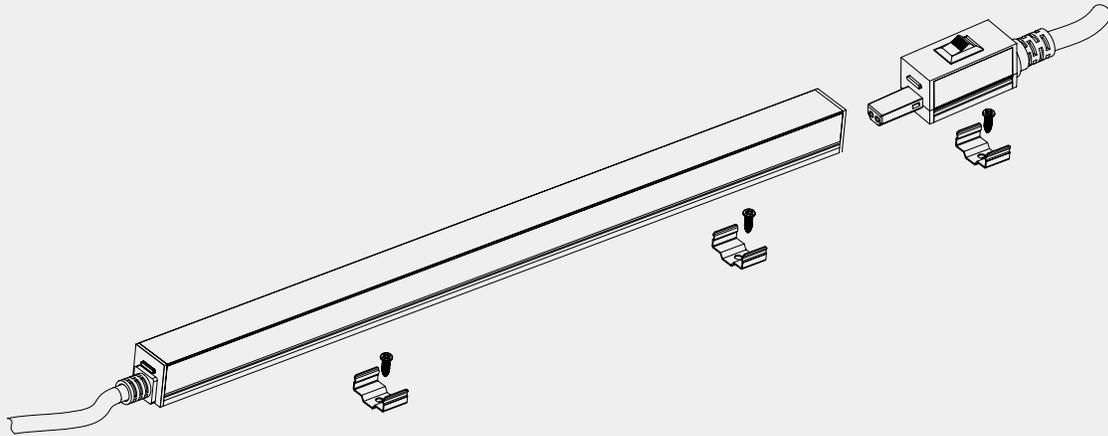
| | Nexus 6 | Nexus 12 | Nexus 24 | Nexus 48 |
|-------------------|---------------|---------------|---------------|----------------|
| Length - A | 6" 152 mm | 12" 305 mm | 24" 610 mm | 48" 1,217 mm |
| Width - B | 0.71" 18 mm | 0.71" 18 mm | 0.71" 18 mm | 0.71" 18 mm |
| Height - C | 0.79" 20 mm |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

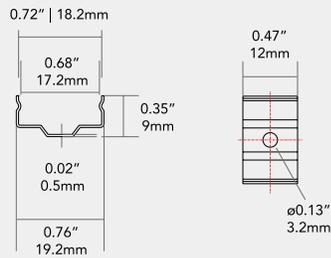
Mounting

Surface & Recessed

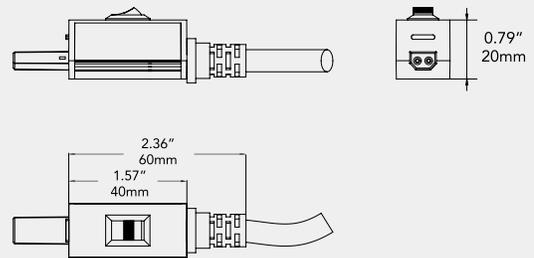
Assembly Overview (with inline On/Off Switch)



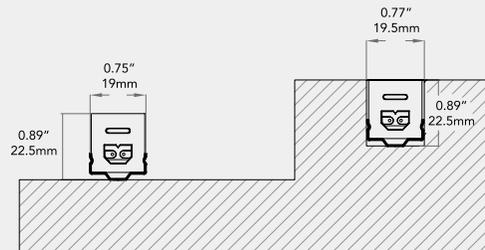
Mounting Brackets (2 included)



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

