

# NANOCOVE

Indirect | Standard Lengths

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

# XICO®

## DESCRIPTION

### 0.95" Low-Profile Linear LED Cove Mount

The NANOCove is part of the innovative NANO family of sub 1", ultra-slim and compact LED linear products providing best-in-class efficiency and beam control options. The NANOCove is designed to be specification-grade with high lumen per foot, high CRI, and circadian options. NANOCove uses engineered light engines with fully customizable choices for lumen output, CCT, and CRI. Designed to be surface mounted. NANOCove uses a remote driver and can be used in a daisy chain format.

## FEATURES & BENEFITS

### Incredible Size. Exceptional Performance

Less than 1" square. Up to 1,000 lm/ft, 150 lm/W efficacy

### Wide Range of LED Selections

Static, Tunable White, and Dim-to-Warm. 80/90/95+ CRI, 2700K to 6500K CCT.

### DC Power Input with Dimming & Control Options

DC input requiring remote driver (110V-277V) wide range of control options including 0-10V, DALI, DMX, and TRIAC dimming

### Patented Innovations

Fusion Optix® Inside with unique SmartBeam® capabilities

### Proprietary Optical Components

Provides excellent light distribution and high-transmission

### Committed to Made-in-USA & Sustainability

Designed & built in Boston MA, Declare Listed and Red Free List materials

### Compliance

UL Listed, Dry and Damp Locations

### 5-Year Warranty

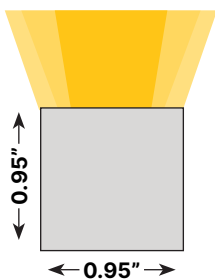
Standard 5-year warranty, 50,000 hours



Remote Driver

## LIGHTING CONFIGURATIONS

Indirect



Declare



bios



Designed & Built in  
**BOSTON**

## FIXTURE ORDERING

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

## 1) FIXTURE DESIGN

| PRODUCT   | FIXTURE LENGTH  | FINISH   | Daisy Chain  |
|---|---|--|--|
| <b>NCV95</b><br>0.95" Low-Profile Linear LED Cove Mount with Remote DC Driver for Indirect Lighting | <b>1</b> - 1 ft<br><b>2</b> - 2 ft<br><b>3</b> - 3 ft<br><b>4</b> - 4 ft<br><b>X_</b> - Specify Ft', In"<br><br>Custom fixtures are available in 3" increments beyond standard lengths. | <b>Powder Coated</b><br><b>PMW</b> - Matte White | <b>DN</b> - No: Daisy Chain (Single Input)<br><b>DY</b> - Yes: Daisy Chain |

## 2) LED LIGHT ENGINE

| CRI   | CCT   | INDIRECT BEAM PATTERN  | INDIRECT OUTPUT  |
|---|---|--|--|
| <b>80</b> - Std. 80 CRI<br><b>90</b> - Std. 90 CRI<br><b>95</b> - High-Def. 95 CRI<br><b>SUN</b> - Full SunLike | <b>27</b> - 2700K<br><b>30</b> - 3000K<br><b>35</b> - 3500K<br><b>40</b> - 4000K<br><b>XD</b> - Dim-to-Warm <sup>1</sup><br><b>XT</b> - Tunable <sup>1</sup><br><b>X_</b> - Specify CCT<br><br>Specify Dim-to-Warm and Tunable between 2700K-6500K. | <b>ILAM</b> - Lambertian<br><b>IBW120</b> - Batwing120°<br><b>IFT150</b> - FlatTop 150°<br><b>IA6040</b> - Asym 60° at 40° Tilt<br><b>IA4560</b> - Asym 45° at 60° Tilt<br><b>X_</b> - Specify Beam <sup>1</sup> | <b>NN</b> - Not Needed<br><b>35</b> - 350 lm/ft<br><b>50</b> - 500 lm/ft<br><b>75</b> - 750 lm/ft<br><b>100</b> - 1,000 lm/ft<br><b>X_</b> - Specify lm/ft |

## 3) FIXTURE POWER &amp; CONTROLS

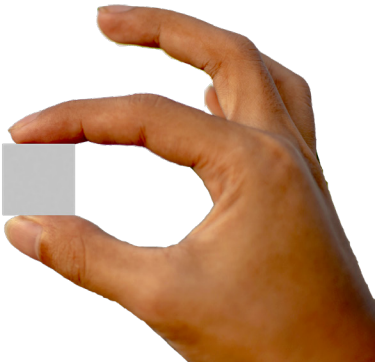
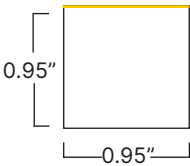
| LINE VOLTAGE (DC)                          | REMOTE DRIVER (POWER) <sup>2</sup>   | POWER EXTENSION CORD (SPECIFY QTY REQUIRED)  |  |
|--|--|--|--|
| <b>UNV</b> - 120/277V<br><b>347</b> - 347V | <b>FDND</b> - Factory Non-Dimming<br><b>FD00</b> - Factory 0-10V 0.1% Dim<br><b>FD01</b> - Factory 0-10V 1% Dim<br><b>FD10</b> - Factory 0-10V 10% Dim<br><b>FDDA</b> - Factory DALI 0.1% Dim<br><b>FDDX</b> - Factory DMX Dim<br><b>FDTR</b> - Factory TRIAC Dim<br><b>LD01</b> - Lutron Hi-Lume 1% Dim<br><b>X_</b> - Specify Driver | <b>EC6W</b> - 6" White Extension Cable<br><b>EC12W</b> - 12" White Extension Cable<br><b>EC24W</b> - 24" White Extension Cable<br><b>EC48W</b> - 48" White Extension Cable | Footnotes: <sup>1</sup> Contact factory about custom beam options. <sup>2</sup> Standard driver box is included. |

## OPTIONAL

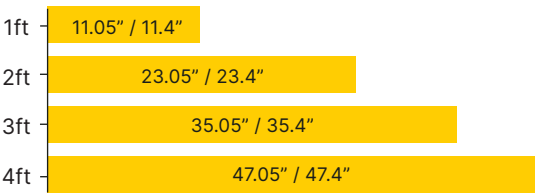
| EMERGENCY BACKUP   | WIRELESS MODULE   |
|--|---|
| <b>EMC</b> - Emergency Circuit<br><b>EMB</b> - Emergency Battery (10 W — Remote)<br><b>X_</b> - Specify Backup<br><br>Specify requirements at time of order. | <b>WCN</b> - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)<br><b>PIR</b> - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')<br><b>MW</b> - Wireless Communication Node + MW Sensor (Standard for Low Bay < 10')<br><b>X_</b> - Other - Specify Embedded Component or Specific Non-Standard Sensor Detection Range |

DIMENSIONS & INSTALLATION

Dimensions



Standard Fixtures



Lens Length / Fixture Length

Mounting Type

Cove Mount

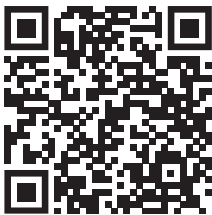
Installs into a cove. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements

SMARTBEAM® TECHNOLOGY

The Ultimate Control of Lighting Distributions

SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every XICO product; it is now possible to create truly tailored and engaging lighting that transform spaces, improves visual comfort, and saves energy.

To learn more about our SmartBeam Technology, please click or scan the QR Code.



LPW Efficacy Conversion Chart

| CODE | CCT SELECTED |       |       |       |       |       |       |       |
|------|--------------|-------|-------|-------|-------|-------|-------|-------|
|      | 2200K        | 2700K | 3000K | 3500K | 4000K | 5000K | 5700K | 6500K |
| 80   | –            | 0.91  | 0.96  | 1.00  | 1.04  | 1.11  | 1.11  | 1.11  |
| 90   | –            | 0.91  | 0.96  | 1.00  | 1.04  | 1.11  | 1.11  | 1.11  |
| 95   | –            | 0.91  | 0.96  | 1.00  | 1.04  | 1.11  | 1.03  | 1.04  |
| SUN  | –            | 0.90  | 0.92  | 1.00  | 1.01  | 1.07  | 1.04  | 1.05  |

LPW Performance

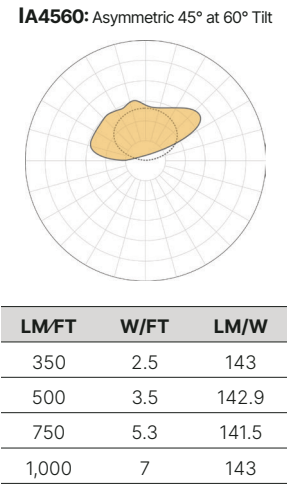
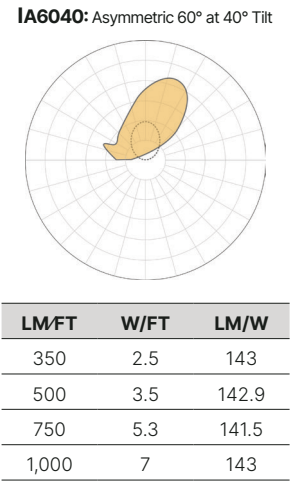
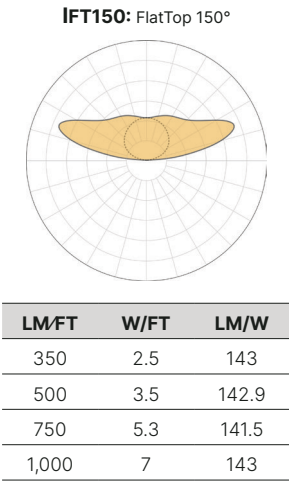
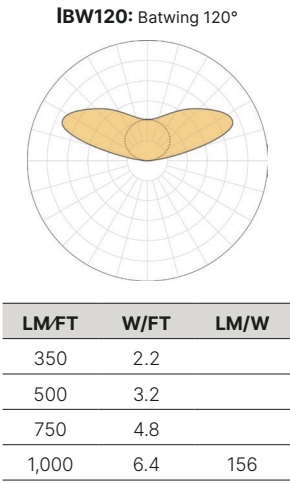
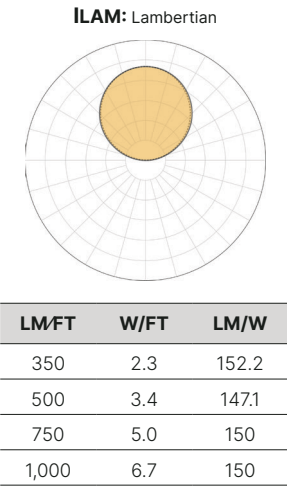
|      | INDIRECT |        |        |        |        |
|------|----------|--------|--------|--------|--------|
|      | ILAM     | IBW120 | IFT150 | IA6040 | IA4560 |
| LM/W | 150      | 156    | 143    | 143    | 143    |

LM/W = 
$$\frac{\left( \begin{matrix} \text{DIRECT} \\ \text{LM/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{LM/FT} \end{matrix} \right)}{\left( \begin{matrix} \text{DIRECT} \\ \text{W/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{W/FT} \end{matrix} \right)}$$

INDIRECT PHOTOMETRICS

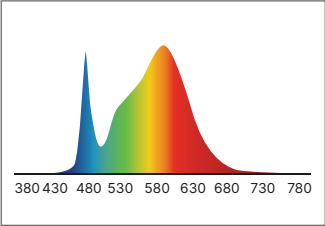
Static White Light

48" Length, 80+/3500K CRI/CCT, 4,000 Lumens

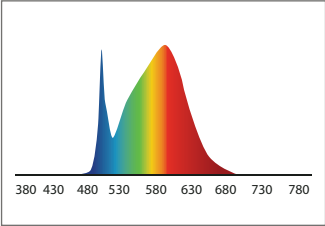


LED OPTIONS

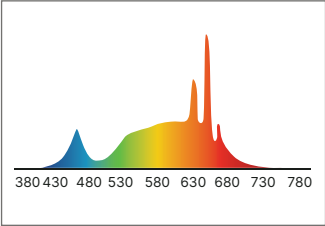
80: Standard 80+ CRI



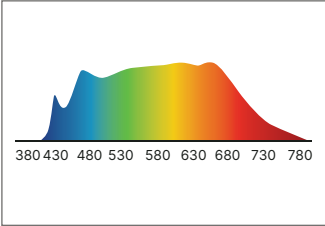
90: Standard 90+ CRI



95: High-Definition 95+ CRI



SUN: Full Spectrum "SunLike"



| CODE | DESCRIPTION            | TYPICAL LED DATA |      |        |         |         |      |           |     |
|------|------------------------|------------------|------|--------|---------|---------|------|-----------|-----|
|      |                        | CCT              | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | M/P Ratio | LPW |
| 80   | Standard 80 CRI        | 3500K            | 82.5 | 7.8    | 84      | 96.7    | 82.5 | 0.51      | 190 |
| 90   | Standard 90 CRI        | 3500K            | 91   | 54.3   | 89.3    | 98.9    | 89.2 | 0.55      | 175 |
| 95   | High Definition 95 CRI | 3500K            | 97.1 | 95     | –       | –       | –    | 0.70      | 163 |
| SUN  | Full Spectrum SunLike® | 3500K            | 95   | 85     | –       | –       | –    | –         | 130 |

## POWER & CONTROLS

### Voltage

**Fixture Voltage (AC)**

120–277 VAC

347 VAC, 50/60 Hz

**Power Location**

Remote

**LED Driver**

Factory Selected, 36–39V Constant Current

### Drivers

**FDND** - Factory Non-Dimming**FD00** - Factory 0–10V 0.1% Dim**FD01** - Factory 0–10V 1% Dim**FD10** - Factory 0–10V 10% Dim**FDDA** - Factory DALI 0.1% Dim**FDDX** - Factory DMX Dim**FDTR** - Factory TRIAC Dim**LD01** - Lutron Hi-Lume 1% Dim**X\_** - Specify Driver

### Emergency Backup (Optional)

**EMC** - Emergency Circuit**EMB** - Emergency Battery

(10 W — Remote)

**X\_** - Specify Backup**Power**

10 W

**Illumination Time**

90 minutes

**IP Rating**Suitable for Dry and Damp Locations,  
indoor use only

### XBox

**Remote Driver Boxes  
(Optional)**

To create a clean and organized power solution for multiple fixture installations see our XBox Specification Guide. Reach out to a XICO Sales Representative to discuss your project's needs.

### Compatible Control Options



## TECHNICAL SPECIFICATIONS

## Finishes &amp; Design Options

## Housing Colors (Matte Finish)

White (RAL9003)  
Black (RAL9005)  
Gray (RAL7001)  
Custom RAL



## Housing Material

6063-T5 extruded, recycled aluminum

## Mounting Brackets

Sheet Metal

## Flat End Cap Material

6063-T5 extruded, recycled aluminum

## Lens Options and Material

Patented SmartOptics® made from Acrylic (PMMA)

## Standards &amp; Certifications

## Sustainability

Low carbon, environmentally conscious packaging and shipping methods

## Compliance

BABAA & TAA compliant in-house manufacturing in Boston, MA with North American supply chain



## Certifications



## Declare Listed and Red List Free

Low carbon, environmentally conscious packaging and shipping methods

## Recyclable

SmartOptics and all powder coated and anodized parts are fully recyclable at end of life

## Manufacturing

All XICO products and associated optics and LED engines are assembled at our factory in Woburn, MA

## Quality Assurance

Each product is engineered reliability and quality assurance tested

## Declare.

## Nano Series

## XICO Lighting

Final Assembly: Woburn, MA, USA  
Life Expectancy: 10+ Years  
End of Life Options: Recyclable (99%)

## Ingredients:

Aluminum, Glass, oxide, chemicals, Polymethyl methacrylate, Phenol, 4,4'-O-methylhydroquinone, polymer with 2,2'-(3,3'-methylenebis(4-methyl-5-phenyleneisopropylidene)bisphenone), 1,3-benzenedicarboxylic acid, 1,3-dimethyl ester, polymer with 1,4-dimethyl-5-benzenedicarboxylic acid and 1,2-ethanediol, Polyethylene Glycol, Polyethylene Terephthalate, Barium Sulfate, Hexamethylenediamine, Phosphoric acid, diphosphoric acid, diphenyl ether, iron, titanium, and silicones, d-mc, Chromium, metallic, Gold, Nanoparticles, Titanium, Zinc, Nickel, Phosphoric

## Declare Listed

At Xico Lighting, we are committed to transparency and sustainability. That's why all our products are Declare listed, providing clear insights into their environmental footprint and safety. Look for these internationally recognized labels on Xico products, packaging, or at [xicoled.com/declare](http://xicoled.com/declare).

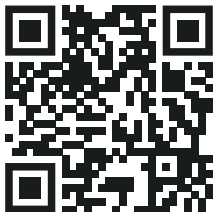


## Red List Free

Xico Lighting is dedicated to creating safe, sustainable solutions. All our products are Red List Free, meeting the highest industry standards for healthy and environmentally responsible materials as defined by the International Living Future Institute (ILFI). Learn more at [xicoled.com/declare](http://xicoled.com/declare).

## Quick Links

## 5-YR Warranty



## Business Terms



## Patents &amp; Trademarks



## SmartBeam



## Revit Files

