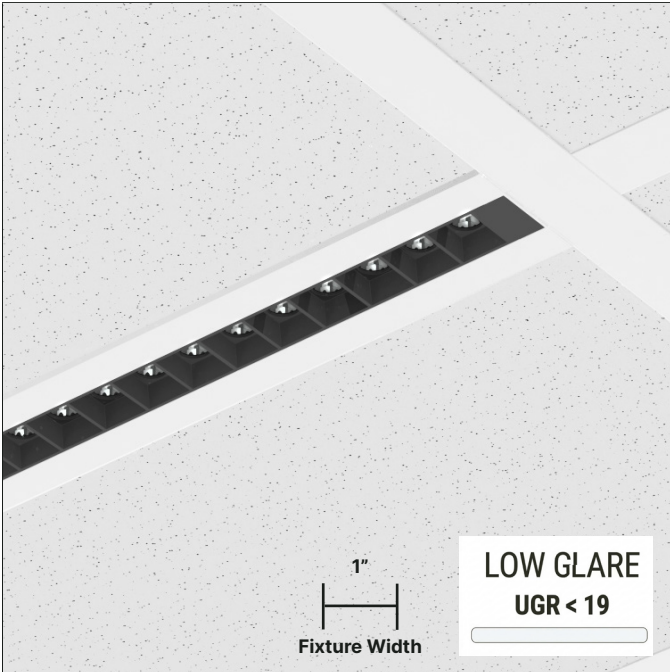


Project Name

Fixture Type



## Description

- **Patented T-Bar Replacement** – The only patented linear lighting solution designed to directly replace a T-Bar, GRIDSlot1 NCO is approved by Armstrong® Ceiling Systems and seismic tested to ensure reliable integration within suspended grid ceilings.
- **TrueGrid™ Alignment** – Precision 15/16" width light aperture matches standard T-Bar profiles for a seamless design integration.
- **Easy Installation** – GRIDSlot1 can be positioned anywhere in the ceiling grid by mounting directly to a T-bar – in-line or cross-tile.
- **SmartBeam® Optical Control** – Advanced optics deliver high-performance beam distributions tailored to the space.
- **BABAA Compliant** – BABAA & TAA compliant in-house manufacturing in Woburn, MA with North American supply chain.



## Key Facts

|                            |                                  |
|----------------------------|----------------------------------|
| <b>Dimensions</b>          | 1.3" (W) X 1" (H)                |
| <b>Mounting Style</b>      | T-Bar / T-Bar Replacement        |
| <b>Standard Lengths</b>    | 2FT, 4FT, 6FT, 8FT               |
| <b>Finishes</b>            | Powder Coated & Anodized         |
| <b>Housing Material</b>    | Extruded, Recycled Aluminum      |
| <b>Warranty</b>            | 5-Year Warranty, 50,000 Hours    |
| <b>Sustainability</b>      | Declare Listed & Red List Free   |
| <b>LED Performance</b>     | 1,000 Lm/Ft, 135 Lm/W efficacy   |
| <b>LED Choices</b>         | Static White                     |
| <b>Optics Choices</b>      | Nano Cavity Optics (NCO), UGR<19 |
| <b>CRI / CCT</b>           | 80/90+, 2700K to 6500K           |
| <b>Driver Options</b>      | Factory, Lutron, & eldoLED       |
| <b>Emergency Backup</b>    | Emergency Circuit & Battery      |
| <b>Compatible Controls</b> | Lutron, Casambi, Cooper, nLight  |
| <b>Power Cord</b>          | 48"                              |



Project Name

Fixture Type

## Fixture Ordering

| PRODUCT        | FIXTURE LENGTH | FINISH |
|----------------|----------------|--------|
| GBA1516-NCO-SW |                |        |

### GSL1-NCO-SW

1" Compact Linear LED T-Bar Mount

**Standard Lengths**

- L2** - 2 ft
- L4** - 4 ft
- L6** - 6 ft
- L8** - 8 ft

**Custom Lengths**

**L\_X\_N\_X**

L=Feet, N=Inches.

Example: Specifying a 10'3" fixture should be specified as L10N3.

Custom fixtures are only available in 3" increments.

**Powder Coated**

- PMW** - Matte White
- PMB** - Matte Black
- PMG** - Matte Gray
- PRAL\_** - Specify RAL #

**Anodized**

- ACL** - Clear Anodized
- ACU\_** - Custom Anodized #

| CRI  | CCT   | OPTIC (DIRECT ONLY)   | DIRECT BEAM PATTERN   | DIRECT OUTPUT  |
|--|---|---|---|--|
| <b>80</b> - Std. 80 CRI<br><b>90</b> - Std. 90 CRI | <b>27</b> - 2700K<br><b>30</b> - 3000K<br><b>35</b> - 3500K<br><b>40</b> - 4000K<br><b>X_</b> - Specify CCT | <b>OSNCOW</b> - Square NCO, White<br><b>OSNCOB</b> - Square NCO, Black<br><b>ORNCOW</b> - Round NCO, White<br><b>ORNCOB</b> - Round NCO, Black<br><b>ORNCOG</b> - Round NCO, Graphite | <b>DS45</b> - Nano Cavity Optics Spot 45°<br><b>DS35</b> - Nano Cavity Optics Spot 35°<br><b>DS25</b> - Nano Cavity Optics Spot 25° | <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 |

| LINE VOLTAGE (DC)                          | DRIVER LOCATION  | REMOTE DRIVER (POWER)  | MOUNTING TYPE  |
|--|--|--|--|
| <b>UNV</b> - 120/277V<br><b>347</b> - 347V | <b>FMD</b> - Fixture Mounted Driver<br><b>RD</b> - Remote Driver | <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 | Lay-In (Drop-In) Ceiling Tile<br><b>TC1</b> - 9/16" Flat T-Bar + Lay-In Tile Mount<br><b>TC3</b> - 15/16" Flat T-Bar + Lay-In Tile Mount |

## Optional

| EMERGENCY BACKUP | WIRELESS MODULE & SENSOR |
|------------------|--------------------------|
|                  |                          |

- EMC** - Emergency Circuit
- EMB** - Emergency Battery (10 W — Remote)
- X\_** - Specify Backup

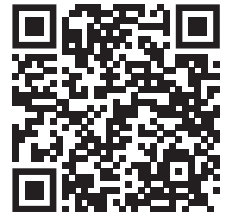
- WCN** - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)
- PIR** - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')
- MW** - Wireless Communication Node + MW Sensor (Standard for Low Bay < 10')
- X\_** - Other - Specify Embedded Component or Specific Non-Standard Sensor Detection Range

## SmartBeam® Technology

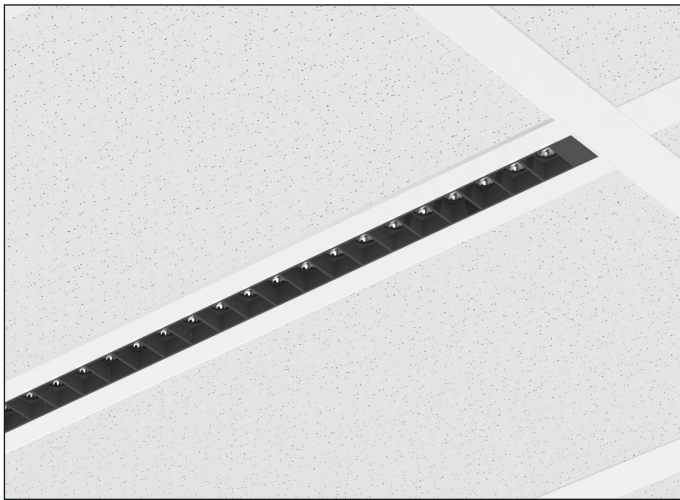
### The Ultimate Control of Lighting Distributions

SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every FlexGrid 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.



### Direct Optics Choices



NCO - Nano Cavity Optic

|   |   |
|---|---|
|  |  |
| <b>Round NCO</b>  | <b>Square NCO</b>   |
| <b>ORNCOW</b> - White Round NCO   | <b>OSNCOW</b> - White Square NCO  |
| <b>ORNCOB</b> - Black Round NCO   | <b>OSNCOB</b> - Black Square NCO  |
| <b>ORNCOW</b> - Graphite Round NCO  |   |

### LPW Performance | 48" Length, 80+/3500K CRI/CCT

|      | DIRECT |      |      |
|------|--------|------|------|
|      | DS45   | DS35 | DS25 |
| LM/W | 82     | 82   | 82   |

| DIRECT OPTICS | BEAM PATTERN |      |      |
|---------------|--------------|------|------|
|               | DS45         | DS35 | DS25 |
| Round NCO     | ■            | ■    | ■    |
| Square NCO    | ■            | ■    | ■    |

### LPW Efficacy Conversion Chart

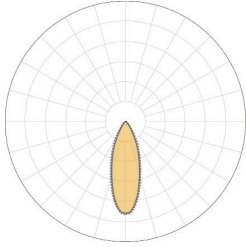
| CODE | CCT SELECTED |       |       |       |       |       |       |       |
|------|--------------|-------|-------|-------|-------|-------|-------|-------|
|      | 2200K        | 2700K | 3000K | 3500K | 4000K | 5000K | 5700K | 6500K |
| 80   | -            | 0.91  | 0.96  | 1.00  | 1.04  | 1.11  | 1.11  | 1.11  |
| 90   | -            | 0.91  | 0.96  | 1.00  | 1.04  | 1.11  | 1.11  | 1.11  |

## Photometrics

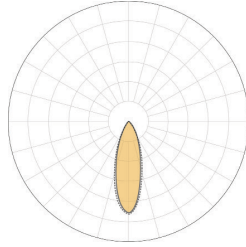
48" Length, 80+/3500K CRI/CCT

Static White Light

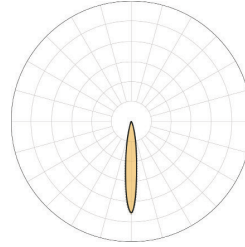
**DS45:** Nano Cavity Optic Spot 45°



**DS35:** Nano Cavity Optic Spot 35°



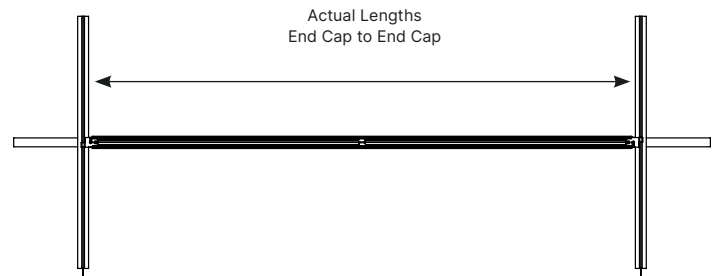
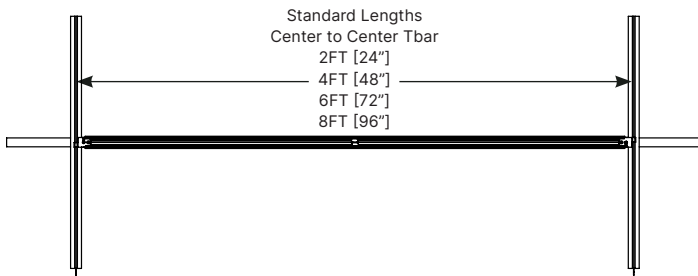
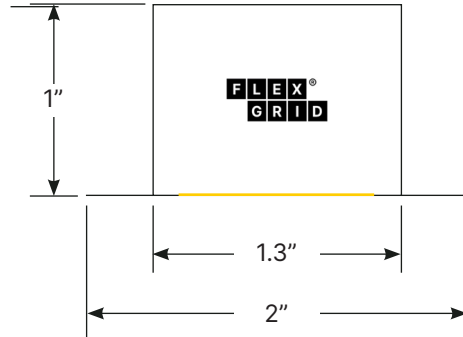
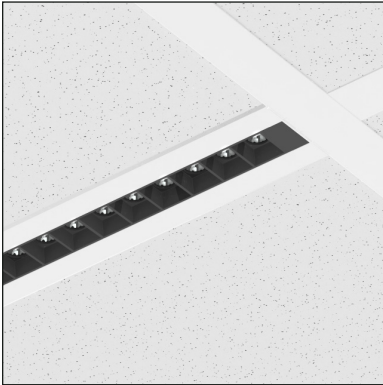
**DS25:** Nano Cavity Optic Spot 25°



| BEAM | OUTPUT  |      |         |      |         |      |          |      |
|------|---------|------|---------|------|---------|------|----------|------|
|      | 350 LPF |      | 500 LPF |      | 750 LPF |      | 1000 LPF |      |
|      | W/FT    | LM/W | W/FT    | LM/W | W/FT    | LM/W | W/FT     | LM/W |
| DS45 | 4.2     | 83.3 | 6       | 83.3 | 9       | 83.3 | 12       | 83.3 |
| DS35 | 4.2     | 83.3 | 6       | 83.3 | 9       | 83.3 | 12       | 83.3 |
| DS25 | 4.2     | 83.3 | 6       | 83.3 | 9       | 83.3 | 12       | 83.3 |

## Dimensions & Installation

### Nano Cavity Optics

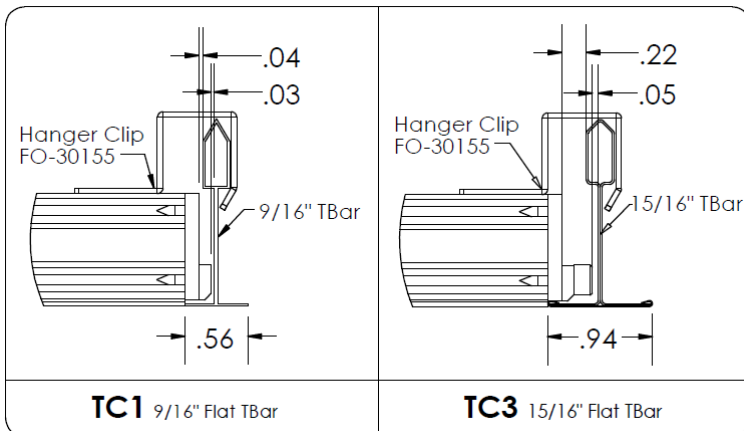


| LENGTH   | TC1              |               |
|----------|------------------|---------------|
|          | STANDARD LENGTHS | ACTUAL LENGTH |
| L2 - 2FT | 24"              | 23.44"        |
| L4 - 4FT | 48"              | 47.44"        |
| L6 - 6FT | 72"              | 71.44"        |
| L8 - 8FT | 96"              | 95.44"        |

| LENGTH   | TC3              |               |
|----------|------------------|---------------|
|          | STANDARD LENGTHS | ACTUAL LENGTH |
| L2 - 2FT | 24"              | 23.06"        |
| L4 - 4FT | 48"              | 47.06"        |
| L6 - 6FT | 72"              | 71.06"        |
| L8 - 8FT | 96"              | 95.06"        |

### Grid Mounting Options

Specifically designed to fit standard T-Bar/Grid Spacing for seamless fit. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.



## Technical Data

### Finishes & Design Options

#### Housing Colors (Matte Finish)

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

#### Housing Material

6063-T5 extruded, recycled aluminum

#### Mounting Brackets and Hardware

Sheet Metal

#### Flat End Cap Material

Machined or cast aluminum

#### Lens Options and Material

Nano Cavity Optics options with Polycarbonate.

### Standards & Certifications

#### Sustainability

Low carbon, environmentally conscious packaging and shipping methods

#### Compliance

BABAA & TAA compliant in-house manufacturing in Woburn, 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 FlexGrid 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, acids, chemicals, Poly(methyl methacrylate), Phenol, 4,4'-[1-methylethylene]bis-, polymer with 2,2'-(2,6-dimethyl-1,4-benzodioxane)bis(4-chlorophenoxy)acetate (Bisphenol-A), 1,3-benzenedicarboxylic acid, 1,1-dimethyl ethyl polymer with 1,4-dimethyl 1,4-benzenedicarboxylic acid 1,2-ethanediol, Polyethylene, Copper, Polyethylene Terephthalate, Barium sulfate, Magnesium, Silicon, Phosphoric acid, phosphoric acid, dibutyl ester from Silicones and Silicones, 8-Mu, Chromium, metallic gold, Manganese, Titanium, Zinc, Nickel, chemicals

### Declare Listed

At FlexGrid 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 FlexGrid products, packaging, or at [FlexGridled.com/declare](https://flexgridled.com/declare).



### Red List Free

FlexGrid 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 [FlexGridled.com/declare](https://flexgridled.com/declare).

### Quick Links

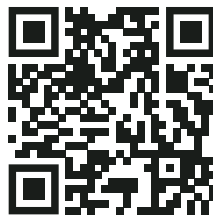
Product Page



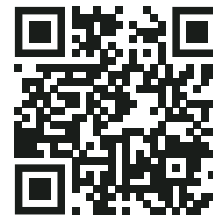
SmartBeam



5-YR Warranty



Business Terms



Patents & Trademarks

