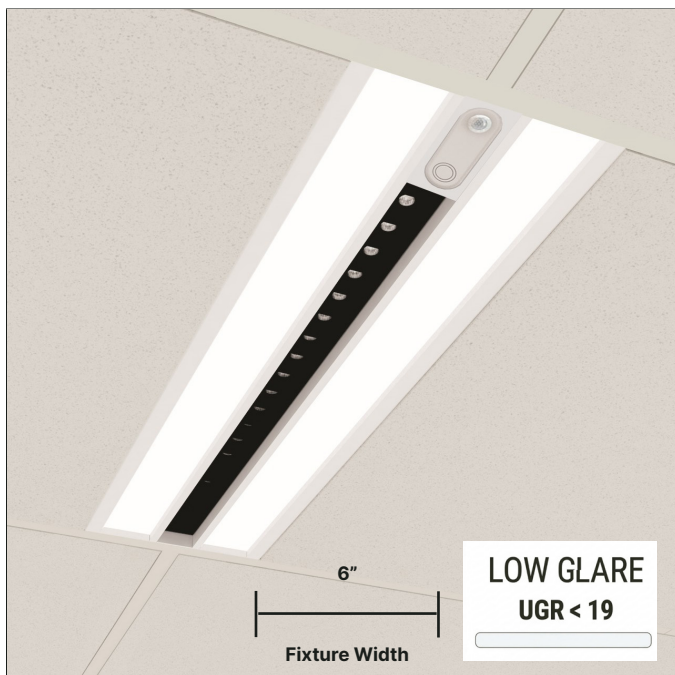


Project Name

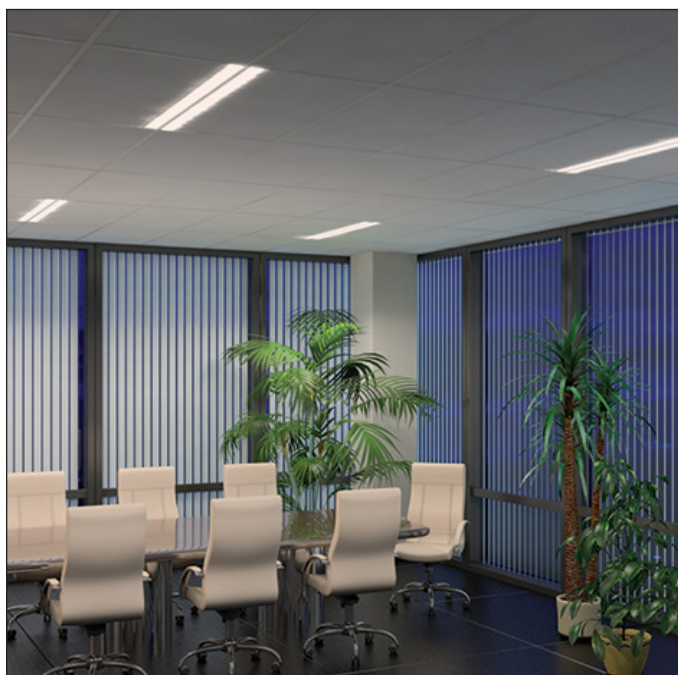
Fixture Type



Description

- **Patented T-Bar Replacement** – The only patented linear lighting solution designed to directly replace a T-Bar, GRIDHybrid6 is approved by Armstrong® Ceiling Systems and seismic tested to ensure reliable integration within suspended grid ceilings.
- **Integrated Serviceable Center Section** – Houses a field-serviceable driver, sensors, and controls for simplified maintenance and adaptability.
- **Low and Zero Plenum Design** – Profile sits below the T-Bar main beam, enabling seamless integration in low or no plenum conditions.
- **Flexible Installation** – GRIDHybrid6 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



| | |
|----------------------------|-----------------------------------|
| Dimensions | 6" (W) X 1.4" (H) |
| Mounting Style | T-Bar / T-Bar Replacement |
| Standard Lengths | 2FT, 4FT, 6FT, 8FT |
| Finishes | Powder Coated & Anodized |
| Housing Material | Extruded, Recycled Aluminum |
| Warranty | 5-Year Warranty |
| Sustainability | Declare Listed & Red List Free |
| LED Performance | 1,000 Lm/Ft, 135 Lm/W efficacy |
| LED Choices | Static White |
| Optics Choices | Micro Cavity Optics (MCO), UGR<19 |
| CRI / CCT | 80/90+, 2700K to 6500K |
| Driver Options | Factory, Lutron & eLdoLED |
| Emergency Backup | Emergency Circuit & Battery |
| Compatible Controls | Lutron, Casambi, Cooper, nLight |
| Power Cord | 24" |



Project Name

Fixture Type

Fixture Ordering

| PRODUCT | FIXTURE LENGTH | FINISH |
|-------------|----------------|--------|
| GHY6-NCO-SW | | |

GHY6-NCO-SW

6" Edge-Lit 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 |
|-----|-----|---------------------|---------------------|---------------|
| | | | | |

- 80** - Std. 80 CRI
- 90** - Std. 90 CRI

- 27** - 2700K
- 30** - 3000K
- 35** - 3500K
- 40** - 4000K
- X_** - Specify CCT

- ORMCOWB** - Round MCO, White
- ORMCOBB** - Round MCO, Black
- ORMCOGB** - Round MCO, Graphite
- ORMCOCHB** - Round MCO, Chrome
- ORMCOCB** - Round MCO, Copper

- DS45** - Nano Cavity Optics Spot 45°
- DS35** - Nano Cavity Optics Spot 35°
- DS25** - Nano Cavity Optics Spot 25°

- 35** - 350 lm/ft
- 50** - 500 lm/ft
- 75** - 750 lm/ft
- 100** - 1,000 lm/ft
- X_** - Specify lm/ft

| LINE VOLTAGE (DC) | DRIVER LOCATION | DRIVER (POWER) | MOUNTING TYPE |
|-------------------|-----------------|----------------|---------------|
| | | | |

- UNV** - 120/277V
- 347** - 347V

- ID** - Integral Driver
- RD** - Remote Driver

- 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

- Lay-In (Drop-In) Ceiling Tile
- TC1** - 9/16" Flat T-Bar + Lay-In Tile Mount
- TC3** - 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



MCO - Micro Cavity Optics

| | | | | |
|---|---|--|---|--|
| | | | | |
| ORMCOWB Round MCO, White Black Cover | ORMCOBB Round MCO, Black Black Cover | ORMCOGB Round MCO, Graphite Black Cover | ORMCOCHB Round MCO, Chrome Black Cover | ORMCOCB Round MCO, Copper Black Cover |

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

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

LPW Efficacy Conversion Chart

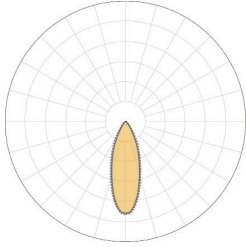
| CODE | CCT SELECTED | | | | | | | |
|------|--------------|-------|-------|-------|-------|-------|-------|-------|
| | 2200K | 2700K | 3000K | 3500K | 4000K | 5000K | 5700K | 6500K |
| 80 | - | 0.91 | 0.96 | 1.00 | 1.04 | 1.11 | 1.11 | 1.11 |
| 90 | - | 0.91 | 0.96 | 1.00 | 1.04 | 1.11 | 1.11 | 1.11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

Photometrics

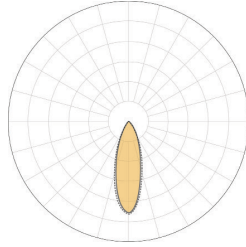
48" Length, 80+/3500K CRI/CCT

Static White Light

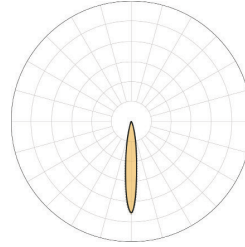
DS45: Nano Cavity Optic Spot 45°



DS35: Nano Cavity Optic Spot 35°



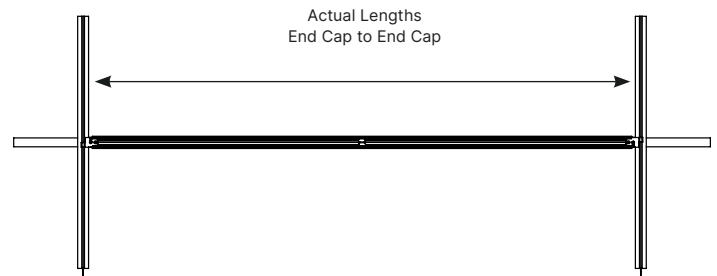
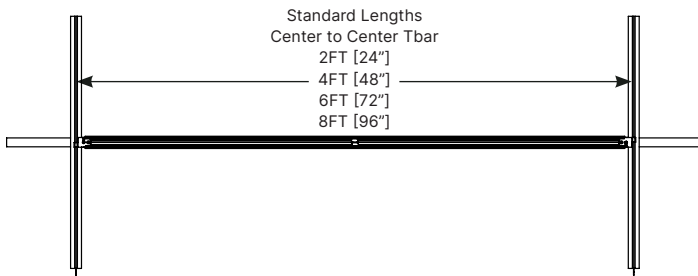
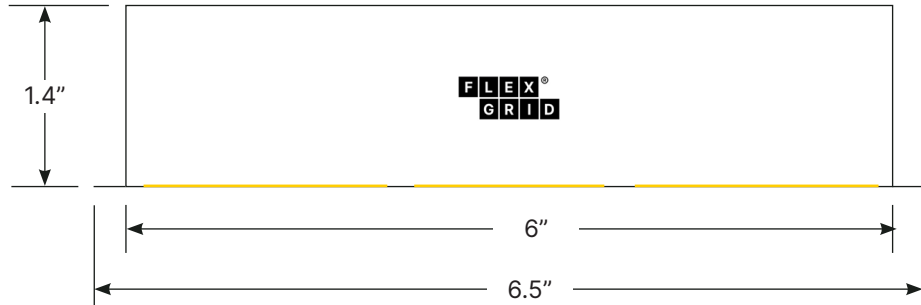
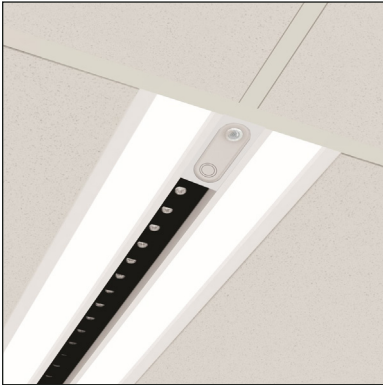
DS25: Nano Cavity Optic Spot 25°



| 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

Micro Cavity Optics

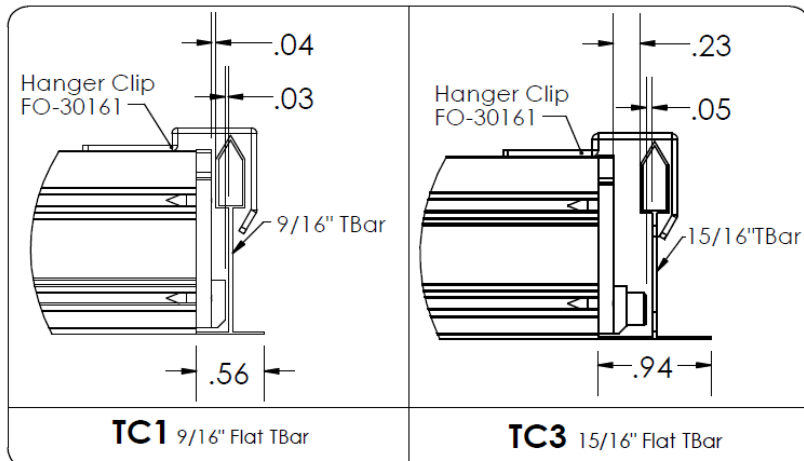


| LENGTH | TC1 | |
|----------|------------------|---------------|
| | STANDARD LENGTHS | ACTUAL LENGTH |
| L2 - 2FT | 24" | 23.91" |
| L4 - 4FT | 48" | 47.91" |
| L6 - 6FT | 72" | 71.91" |
| L8 - 8FT | 96" | 95.91" |

| LENGTH | TC3 | |
|----------|------------------|---------------|
| | STANDARD LENGTHS | ACTUAL LENGTH |
| L2 - 2FT | 24" | 23.86" |
| L4 - 4FT | 48" | 47.86" |
| L6 - 6FT | 72" | 71.86" |
| L8 - 8FT | 96" | 95.86" |

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-dimethylphenylene)bis[4-(2-hydroxyphenyl)acetate] (Bisphenol-A), 1,3-benzenedicarboxylic acid, 1,1-dimethyl ethyl polymer with 1,4-dimethyl-1,4-benzenedicarboxylic acid and 1,2-dihydroxyethyl, Polyethylene, Copper, Polyethylene Terephthalate, Barium sulfate, Magnesium, Silicon, Phosphoric acid, phosphoric acid, diphenyl 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.



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.

Quick Links

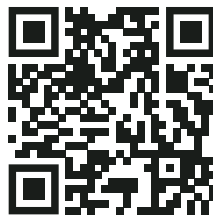
Product Page



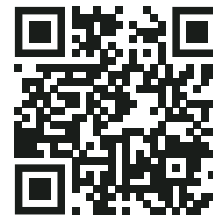
SmartBeam



5-YR Warranty



Business Terms



Patents & Trademarks

