

Project Name

Fixture Type



Description

- **Patented T-Bar Replacement** – The only patented linear lighting solution designed to directly replace a T-Bar, GRIDBar 15/16" NCO is approved by Armstrong® Ceiling Systems and seismic tested to ensure reliable integration within suspended grid ceilings.
- **TrueGrid™ Alignment** – Precision 15/16" width matches standard T-Bar profiles for a seamless design integration.
- **Easy Installation** – GRIDBar 15/16" 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 Wobur, MA with North American supply chain.

Key Facts



Dimensions	15/16" (W) X 15/16" (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	Nano Cavity Optics (NCO), 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	48"



Project Name

Fixture Type

Fixture Ordering

PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE
GBA1-TBR-NCO			

GBA1-TBR-NCO

1" Compact Linear NCO LED T-Bar Replacement

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 #

E1 - Flat End Cap

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

- OSNCOW** - Square NCO, White
- OSNCOB** - Square NCO, Black
- ORNCOW** - Round NCO, White
- ORNCOB** - Round NCO, Black
- ORNCOG** - Round NCO, Graphite

- 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)	REMOTE DRIVER (POWER)	MOUNTING TYPE

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

- 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
- TC2** - 9/16" Bolt Slot T-Bar + Lay-In Tile Mount
- TC3** - 15/16" Flat T-Bar + Lay-In Tile Mount
- Tegular Ceiling Tile
- TC4** - 9/16" Flat T-Bar + Tegular Tile Mount
- TC5** - 9/16" Bolt Slot T-Bar + Tegular Tile Mount
- TC6** - 15/16" Flat T-Bar + Tegular 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.

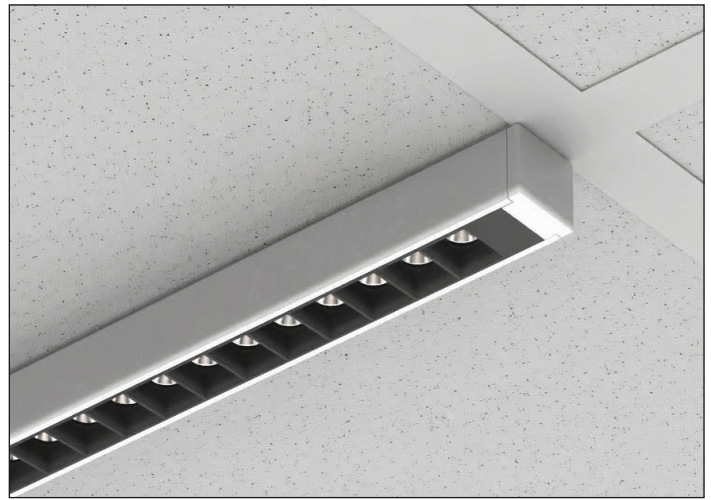
To learn more about our SmartBeam Technology, please click or scan the QR Code.




Direct Optics Choices



ORNCO - Round Nano Cavity Optic



OSNCO - Square Nano Cavity Optic

	
Round NCO	Square NCO
ORNCOW - White Round NCO	OSNCOW - White Square NCO
ORNCOB - Black Round NCO	OSNCOB - Black Square NCO
ORNCOW - 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

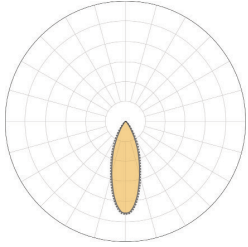
CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11

Photometrics

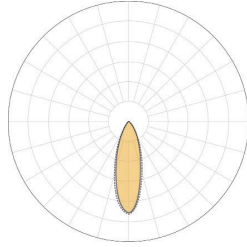
48" Length, 80+/3500K CRI/CCT

Static White Light

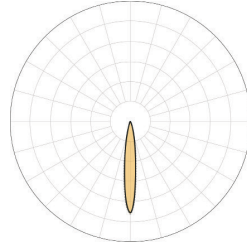
DS45: Nano Cavity Optic Spot 45°



DS35: Nano Cavity Optic Spot 35°



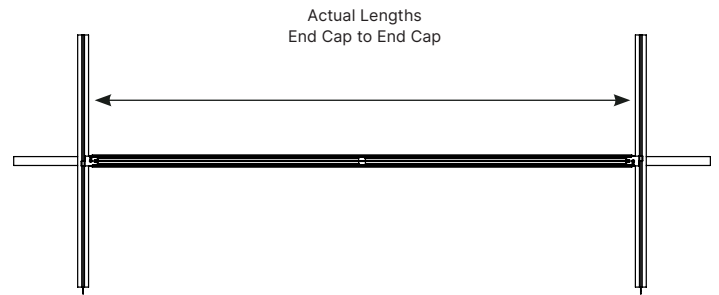
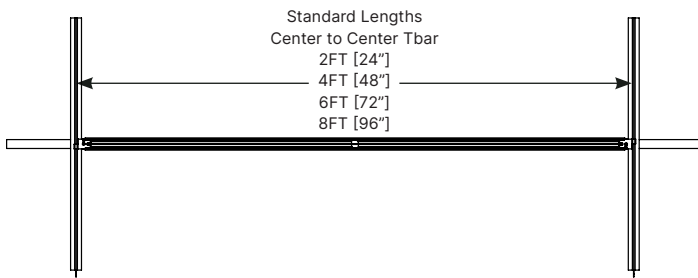
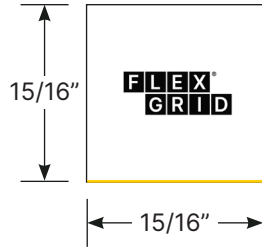
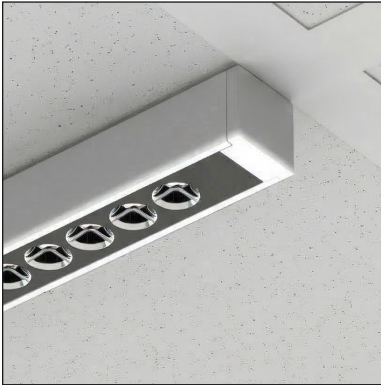
DS25: Nano Cavity Optic Spot 25°



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

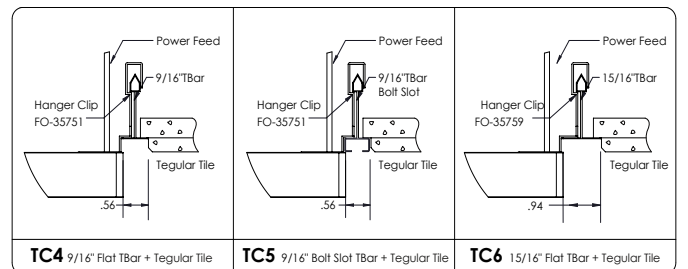
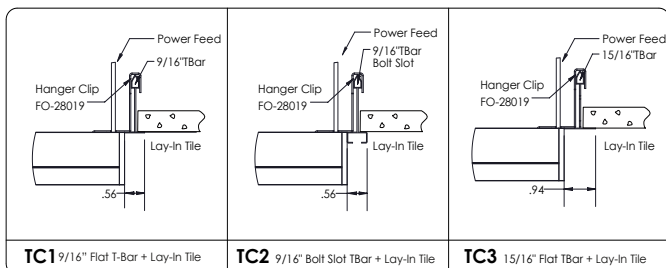


LENGTH	TC1 & TC2 / TC4 & TC5	
	STANDARD LENGTHS	ACTUAL LENGTH
L2 - 2FT	24"	23.4"
L4 - 4FT	48"	47.4"
L6 - 6FT	72"	71.4"
L8 - 8FT	96"	95.4"

LENGTH	TC3 / TC6	
	STANDARD LENGTHS	ACTUAL LENGTH
L2 - 2FT	24"	23.05"
L4 - 4FT	48"	47.05"
L6 - 6FT	72"	71.05"
L8 - 8FT	96"	95.05"

Grid Mounting Options

Replaces TBar crossmember in ceiling grid system. 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-methyl-4-phenylene)bis-, polymer with 2,2'-(5-methyl-1,3-dioxane)bis[4-(4-hydroxyphenyl)oxy]propane, 1,3-benzenedicarboxylic acid, 1,1-dimethyl ethyl polymer with 1,4-dimethyl 1,4-benzenedicyanide and 1,2-ethanediol, Polyethylene, Copper, Polyethylene Terephthalate, Barium sulfate, Magnesium, Silicon, Phosphoric acid, phosphoric acid, diphenyl ester iron, 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

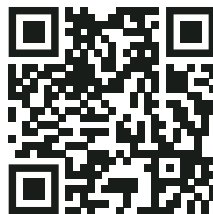
Product Page



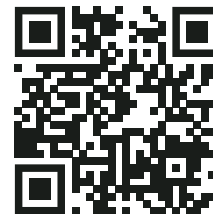
SmartBeam



5-YR Warranty



Business Terms



Patents & Trademarks

