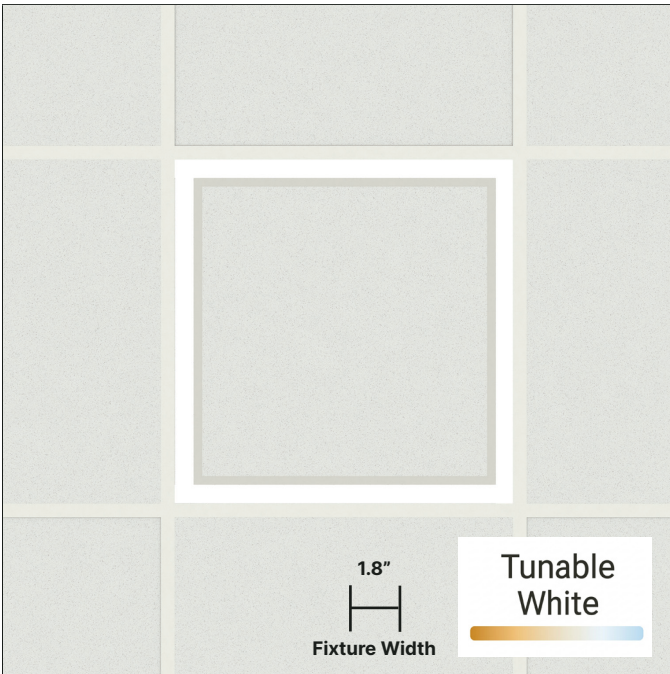


Project Name

Fixture Type



## Description

- **Grid Ceiling Integration** – GRIDShape1.5 is approved by Armstrong® Ceiling Systems and seismic tested to ensure reliable integration within suspended grid ceilings.
- **Standard Shapes** – GRIDShape1.5 is an innovative range of pre-fabricated shapes based on the low-profile 1.5" wide GRIDSlot1.5 LED luminaire. Shapes include standard 2X2, 2X4 and 2X8 frames.
- **Low and Zero Plenum Design** – Built specifically for grid ceiling applications, GRIDSlot1.5 offers a zero plenum design that sits flush with the T-bar, enabling clean integration—even in no-plenum conditions.
- **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>	1.8" (W) X 1.5" (H)
<b>Mounting Style</b>	T-Bar
<b>Standard Lengths</b>	2'X2', 2'X4', & 2'X8'
<b>Finishes</b>	Powder Coated & Anodized
<b>Housing Material</b>	Extruded, Recycled Aluminum
<b>Warranty</b>	5-Year Warranty
<b>Sustainability</b>	Declare Listed & Red List Free
<b>LED Performance</b>	1,000 Lm/Ft, 150 Lm/W efficacy
<b>LED Choices</b>	Tunable White
<b>Optics Choices</b>	Flush, Regressed, and Micro Baffle
<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
GSLSH-FL-TW		

### GSLSH-FL-TW

1.5" Linear LED Shapes for T-Bar Mount

**SQ2X2** - 2'; Square  
**RT4X2** - 4'x2'; Rectangle  
**RT8X2** - 8'x2'; Rectangle

**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

**XT** - Tunable  
**XD** - Dim-to-Warm  
 Specify Tunable and Dim-to-Warm between 2700K-6500K

**OFL** - Flush Lens  
**ORL** - Regressed Lens  
**OMBW** - Micro Baffle, White  
**OMBB** - Micro Baffle, Black

**DLAM** - Lambertian  
**DBW60** - Batwing 60°  
**DDA70** - Double Asym 70°  
**DA4015** - Asym 40° at 15° Tilt  
**DA3010** - Asym 30° at 10° Tilt  
**DM70** - Medium 70°  
**DN40** - Narrow 40°  
**X\_** - Specify Beam<sup>1</sup>

**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

**FMD** - Fixture Mounted Driver  
**RD** - Remote Driver

**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  
**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

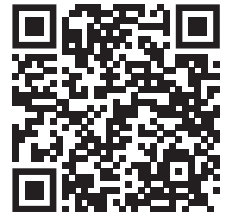
**WCN** - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)  
**PIR** - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')  
**MW** - Wireless Communication Node + MW Sensor (Standard for Low Bay < 10')  
**X\_** - Other - Specify Embedded Component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

		
<b>Flush Lens</b>	<b>Regressed Lens</b>	<b>Micro Baffle</b>
<b>OFL - Flush Lens</b>	<b>ORL - Regressed Lens</b>	<b>OMBW - White Micro Baffle</b>
		<b>OMBW - Black Nano Baffle</b>

DIRECT OPTICS	BEAM PATTERN						
	DLAM	DBW60	DDA70	DA4015	DA3010	DM70	DN40
Flush Lens							
Regressed Lens							
Micro Baffle							

### 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

### LPW Performance

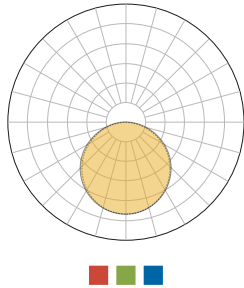
	DIRECT						
	DLAM	DBW60	DDA70	DA4015	DA3010	DM70	DN40
LM/W	83	141	123	131	130	149	151

## Photometrics

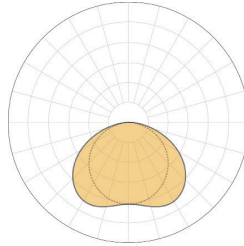
48" Length, 80+/3500K CRI/CCT

Static White Light

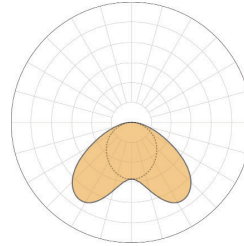
**DLAM:** Lambertian



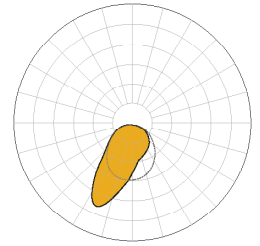
**DBW60:** Batwing 60°



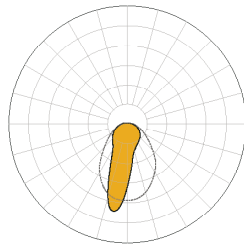
**DDA70:** Double Asymmetric 70°



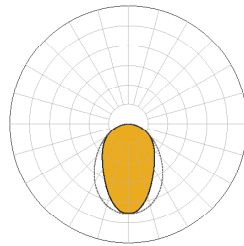
**DA4015:** Asymmetric 30° at 15° Tilt



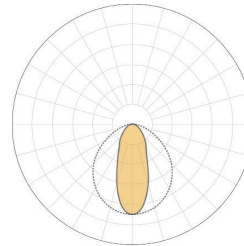
**DA3010:** Asymmetric 30° at 10° Tilt



**DM70:** Medium 70°



**DN40:** Narrow 40°

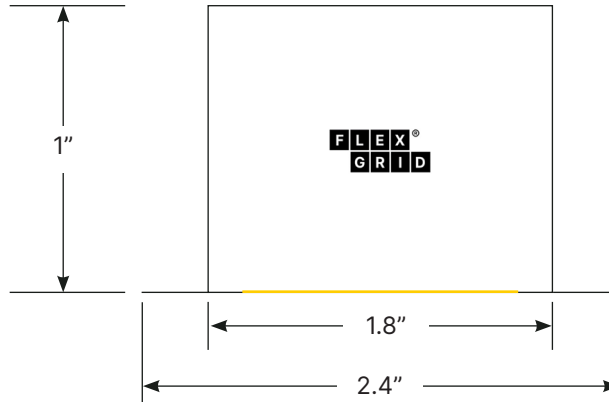
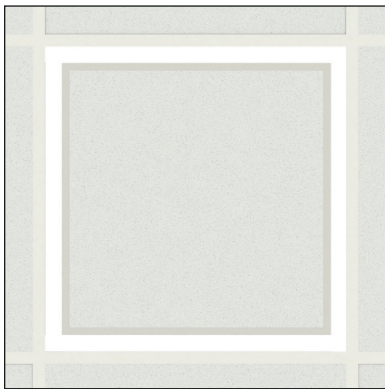


COMPATIBLE OPTIC		
FLUSH LENS	REGRESSED LENS	MICRO BAFFLE

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
DLAM	4.2	83.3	6	83.3	9	83.3	12	83.3
DBW60	2.5	140	3.5	142.9	5.3	141	7.1	140.1
DDA70	2.8	125	4.1	122	6.1	123	8.1	123.5
DA4015	2.7	129.6	3.8	131.6	5.7	131	7.6	131.6
DA3010	2.8	125	3.9	128.2	5.8	130	7.7	129.9
DM70	2.3	152	3.3	151.5	5	149	6.7	149.3
DN40	2.3	152	3.3	151.5	5	151	6.7	149.3

## Dimensions & Installation

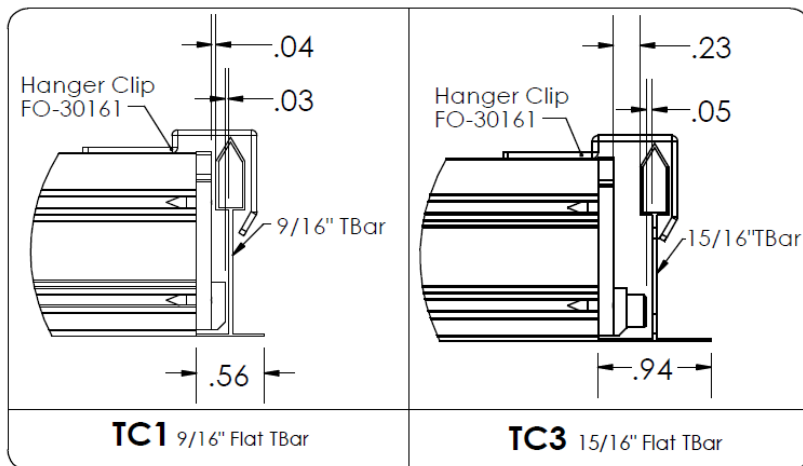
### Flush Lens and Micro Baffle



LENGTH	TC1 & TC3	
	STANDARD LENGTHS	ACTUAL LENGTH
SQ2X2 - 2'X2'	2'X2'	23.722"X23.722"
SQ2X2 - 2'X2'	2'X4'	23.722"X47.722"
SQ2X2 - 2'X2'	2'X8'	23.722"X95.722"

### 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

Flush lens with Patented SmartOptics® made from Acrylic (PMMA).  
Micro Baffle 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'-(2,6-dimethyl-1,4-benzodioxane)bis(4-chlorobenzenesulfonyl)chloride, 1,3-benzenedicarboxylic acid, 1,1-dimethyl ethyl polymer with 1,4-dimethyl 1,4-benzenedicarboxylic acid and 1,2-dichloroethane, 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](http://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](http://FlexGridled.com/declare).

### Quick Links

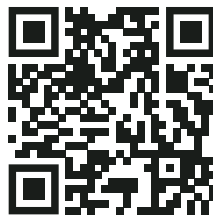
Product Page



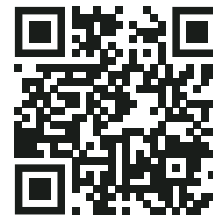
SmartBeam



5-YR Warranty



Business Terms



Patents & Trademarks

