GRIDSlot1.5 Shapes

Direct | Standard Lengths

XICO®

Project Name

Fixture Type
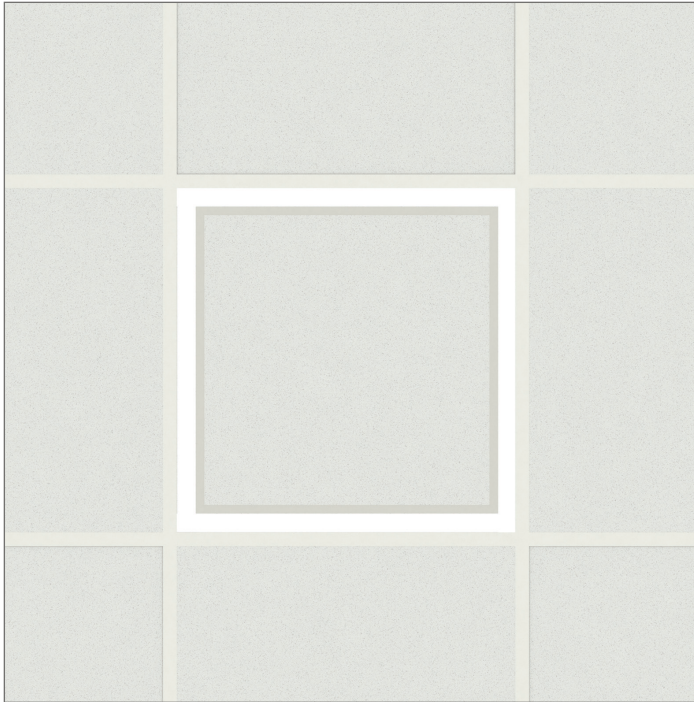
Fixture Mounted or Remote Driver

DESCRIPTION

1.5" Low-Profile Shapres for T-Bar Ceiling Grids

GRIDSlot1.5 Shapes is an innovative range of pre-fabricated shapes based on the low-profile 1.5" wide GRIDSlot1.5 LED luminaire. Shapes include standard 2×2, 2×4 and 1×8 frames as well as L and T shapes. All GRIDSlot1.5 shapes are designed for easy installation into T-Bar ceiling installs and are especially suited to low or zero plenum. GRID-Slot1.5 Shapes provide best-in-class efficiency and beam control options. GRIDSlot1.5 Shapes incorporate an engineered LED light engine with fully customizable choices for lumen output, CCT and CRI.

FEATURES & BENEFITS

Exceptional Performance
Up to 1,000 lm/ft, 150 lm/W efficacy

Wide Range of LED Selections
Static, Tunable White, and Dim-to-Warm

Designed with Options
Wide choice of SmartOptic® lenses, beam distributions, 90/95+ CRI, 2700K to 6500K CCT, and 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 Sustainability
Declare Listed and Red Free List materials

Compliance
UL Listed, Dry and Damp Locations

5-Year Warranty
Standard 5-year warranty, 50,000 hours

LIGHTING CONFIGURATIONS

Direct

1.5"

1.8"

Declare

Red List Free

mindful MATERIALS

BABAct
Build America Buy America Act

UL LISTED

bios

ROHS compliant

Designed & Built in
BOSTON

FIXTURE ORDERING

Project Name _____   Fixture Type _____

1) FIXTURE DESIGN

PRODUCT	SHAPES	FINISH
GSLSH-R 1.5" Linear LED Shapes for T-Bar Mount	**SQ2X2** - 2'; Square **RT4X2** - 4'x2'; Rectangle **RT4X1** - 4'x1' Rectangle **TR45X2** - 2', 45° Triangle **TR60X2** - 2', 60° Triangle **TR60X4** - 4', 60° Triangle **TR75X2** - 2', 75° Triangle **TR75X4** - 4', 75° Triangle **TR90X2** - 2', 90° Right Triangle **TR90X4** - 4', 90° Right Triangle **SQX_** - Specify X', Y" Square **RTX_** - Specify X', Y" Rectangle **UX_** - Specify X', Y" U-Shape	**Powder Coated** **PMW** - Matte White **PMB** - Matte Black **PMG** - Matte Gray **PRAL_** - Specify RAL # **Anodized** **ACL** - Clear Anodized **ACU_** - Custom Anodized #

2) LED LIGHT ENGINE

CRI	CCT	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT
90 - Std. 90 CRI **95** - High-Def. 95 CRI **SUN** - Full SunLike	**27** - 2700K **30** - 3000K **35** - 3500K **40** - 4000K **XD** - Dim-to-Warm[1] **XT** - Tunable[1] **X_** - Specify CCT Specify Dim-to-Warm and Tunable between 2700K-6500K.	**OFL** - Flush Lens **ORL** - Regressed Lens **OMBW** - Micro Baffle, White (Requires Regressed Lens) **OMBB** - Micro Baffle, Black (Requires Regressed Lens)	**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[1]	**35** - 350 lm/ft **50** - 500 lm/ft **75** - 750 lm/ft **100** - 1,000 lm/ft **X_** - Specify lm/ft

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	DRIVER LOCATION	DRIVER (POWER)[2]	
UNV - 120/277V **347** - 347V	**FMD** - Fixture Mounted 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	Footnotes: [1] Contact factory about custom beam options. [2] Standard driver box is included

4) FIXTURE MOUNTING

T-Bar FLANGE TYPE

TC1 - 9/16" Flat T-Bar Type
TC2 - 9/16" Bolt & Slot Type
TC3 - 15/16" Flat T-Bar Type
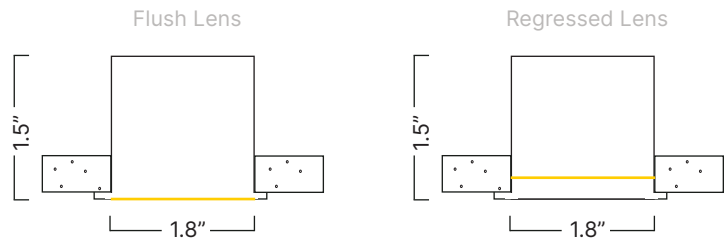**X_** - Specify Mounting Type

FIXTURE ORDERING

Project Name _____   Fixture Type _____

OPTIONAL	
EMERGENCY BACKUP	**WIRELESS MODULE**
EMC - Emergency Circuit **EMB** - Emergency Battery (10 W — Remote) **X_** - Specify Backup Specify requirements at time of order.	**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

DIMENSIONS & INSTALLATION

Dimensions

Flush Lens

1.5"

1.8"

Regressed Lens

1.5"

1.8"

Standard Fixtures

2ft — 23.05" / 23.4"

4ft — 47.05" / 47.4"

6ft — 71.05" / 71.4"

8ft — 95.05" / 95.4"

Lens Length / Fixture Length

Mounting Type

T-Bar Mount

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.

Mounting Option

T1 - 9/16" Flat T-Bar Mount

9/16"

T2 - 9/16" Bolt Slot T-Bar Mount

9/16"

T3 - 15/16" Flat T-Bar Mount

15/16"
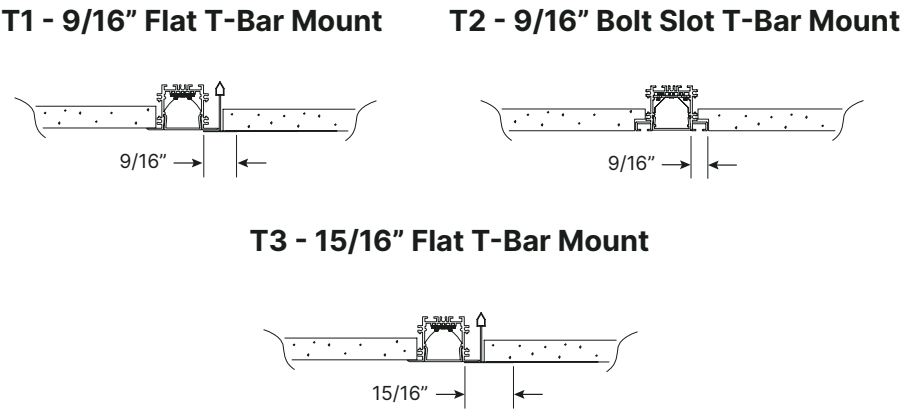
SMARTBEAM® TECHNOLOGY

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.
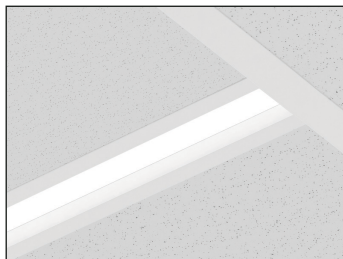
To learn more about our SmartBeam Technology, please click or scan the QR Code.
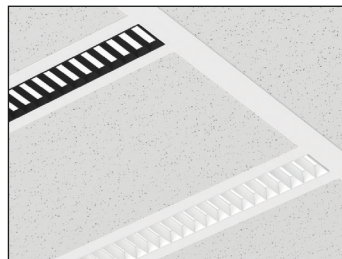
Direct Optics Choices
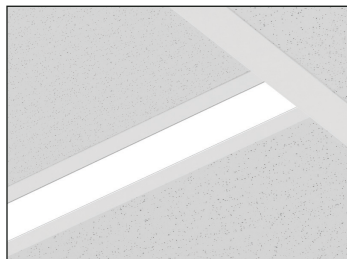
FL - Flush Lens

Regressed Lens

MB - Micro Baffle

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**
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
SUN95	–	0.90	0.92	1.00	1.01	1.07	1.04	1.05

LPW Performance

	DIRECT						
	DLAM	**DBW60**	**DDA70**	**DA3015**	**DA3010**	**DM70**	**DN40**
LM/W	83	141	123	131	130	149	151

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

DIRECT PHOTOMETRICS

48" Length, 90+/3500K CRI/CCT, 3,000 Lumens

Static White Light

DLAM: Lambertian

LM/FT	W/FT	LM/W
350	4.2	83.3
500	6	83.3
750	9	83
1000	12	83.3

DBW60: Batwing 60°

LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	142.9
750	5.3	141
1000	7.1	140.1

DDA70: Double Asymmetric 70°

LM/FT	W/FT	LM/W
350	2.8	125
500	4.1	122
750	6.1	123
1000	8.1	123.5

DA3015: Asymmetric 30° at 15° Tilt

LM/FT	W/FT	LM/W
350	2.7	129.6
500	3.8	131.6
750	5.7	131
1000	7.6	131.6

DA3010: Asymmetric 30° at 10° Tilt

LM/FT	W/FT	LM/W
350	2.8	125
500	3.9	128.2
750	5.8	130
1000	7.7	129.9

DM70: Medium 70°

LM/FT	W/FT	LM/W
350	2.3	152
500	3.3	151.5
750	5	149
1000	6.7	149.3

DN40: Narrow 40°

LM/FT	W/FT	LM/W
350	2.3	152
500	3.3	151.5
750	5	**151**
1000	6.7	149.3

OPTICS CONFIGURATIONS

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

LED OPTIONS

90: Standard 90+ CRI

95: High-Definition 95+ CRI

SUN: Full Spectrum "SunLike"
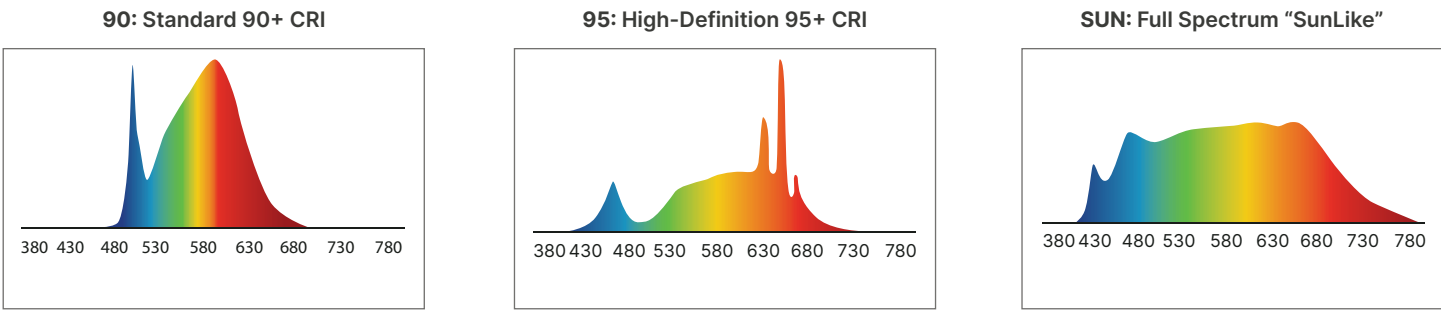
CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
95	High Definition 95 CRI	3500K	97.1	95	–	–	–	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	–	–	–	–	130

POWER & CONTROLS

Voltage

Fixture Voltage (AC)
120–277 VAC
347 VAC, 50/60 Hz

Power Location
Fixture Mounted or 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 you projects needs.

Compatible Control Options

TECHNICAL SPECIFICATIONS

Finishes & Design Options

Housing Colors (Matte Finish)
White (RAL9003)
Black (RAL9005)
Gray (RAL7001)
Custom RAL

Housing Material
6063-T5 extruded, recycled aluminum

Mounting Brackes
Sheet Metal

Flat End Cap Material
Machined or cast alumninum

Lens Options and Material
Flush, Regressed, and Micro Baffle lens options with Patented SmartOptics® made from Acrylic (PMMA)

Standards & 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 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.
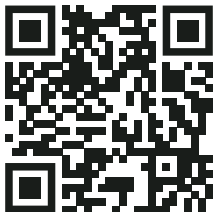
Red List Free

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.

Quick Links

5-YR Warranty	Business Terms	Patents & Trademarks	SmartBeam	Revit Files