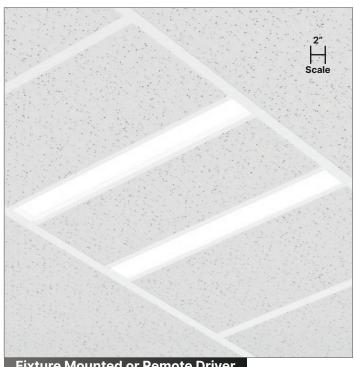
# **GRID**Slot2 2" Edge-Lit Linear LED T-Bar Mount

# XICO





**Fixture Mounted or Remote Driver** 

## Designed & Built in BOSTON





## **Features & Benefits**

**Exceptional Performance** Up to 1,000 lm/ft, 135 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, 80/90/95+ CRI, 2200K to 5000K 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

## **FIXTURE ORDERING**

**1) FIXTURE DESIGN** 

Project Name

Fixture Type

PRODUCT	T-BAR FLANGE TYPE		T-BAR FLANGE TYPE LENGTH FINISH			ΟΡΤΙΟ	<b>;</b>	
GSL2-R								
2" Edge-Lit Linear LED T-Bar Mount	T1 T2 T3 X_	9/16" Flat T-Bar Type 9/16" Bolt & Slot Type 15/16" Flat T-Bar Type Specify Mounting Type	2FT 4FT 6FT 8FT 10FT X_	2' nominal 4' nominal 6' nominal 8' nominal 10' nominal Specify X', Y''	MWH MBK MGR CAE RAL_	Matte White (RAL9003) Matte Black (RAL9005) Matte Gray (RAL7001) Clear Anodized Effect Specify RAL#	OFL ORL	Flush Lens Regressed Lens

#### 2) LED LIGHT ENGINE

CRI		сст		DIRECT BE	AM PATTERN	DIRE	CT OUTPUT
S80	Std. 80 CRI	22	2200K	DLAM	Lambertian	35	350 lm/ft
S90	Std. 90 CRI	27	2700K	DBW65	Batwing 65°	50	500 lm/ft
HE80	High-Eff. 80 CRI	30	3000K	DA5025	Asymmetric 50° at 25° Tilt	75	750 lm/ft
HE90	High-Eff. 90 CRI	35	3500K	X_	Specify Beam	100	1,000 lm/ft
HD95	High-Def. 95 CRI	40	4000K			0_	Specify Im/ft
SUN	Full SunLike	50	5000K				
SBIOS	Static BIOS	3022D	3000K to 2200K Dim-to-Warm				
DBIOS	Dynamic BIOS	3527D	3500K to 2700K Dim-to-Warm				
TBIOS	Tunable White BIOS	X_	Specify CCT				

## **3) FIXTURE POWER & CONTROLS**

LINE VOLTAGE (DC)	DRIVE	R LOCATION	DRIVE	R (POWER)	REMOT	E DRIVER BOX <sup>1</sup>	EMER	GENCY BACKUP	CONT	ROL SYSTEM <sup>3</sup>
UNV 120/277V 347 347V	FMD	Fixture Mounted Driver Remote Driver	FDND FD01 FD10 FDDA FDDX FDTR LD01 LD05 ED00 ED01 EDDA X_	Factory Non-Dimming Factory 0-10V 1% Dim Factory 0-10V 10% Dim Factory DALI 0.1% Dim Factory TRIAC Dim Lutron Hi-Lume 1% Dim Lutron 5-Series 5% Dim eldoLED 0-10V 0.1% Dim eldoLED 0-10V 1% Dim eldoLED DALI 0.1% Dim Specify Driver	NN RLDB <sup>2</sup> RX2D <sup>2</sup> RX3D <sup>2</sup> RX5D <sup>2</sup>	Not Needed Remote Linear Driver Box (driver included by default) Optional Remote XBox2 Driver, Up to 2 Drivers Optional Remote XBox3 Driver, Up to 3 Drivers Optional Remote XBox5 Driver, Up	NN EMC EMB X_	Not Needed Emergency Circuit Emergency Battery (10 W — Onboard or Remote) Specify Backup	NN LUT COO CAS X_	Not Needed Lutron Cooper Casambi Specify Control System

## **4) FIXTURE MOUNTING & CONNECTIONS**

POWER CORD

S24WH24" White Cable KitS24BK24" Black Cable Kit

Footnotes: <sup>1</sup> Remote distance is dependent on driver type, up to 100' (30.5 m). <sup>2</sup> Creates a clean and organized power solution for multiple fixture installations. <sup>3</sup> The control system and driver must be compatible.

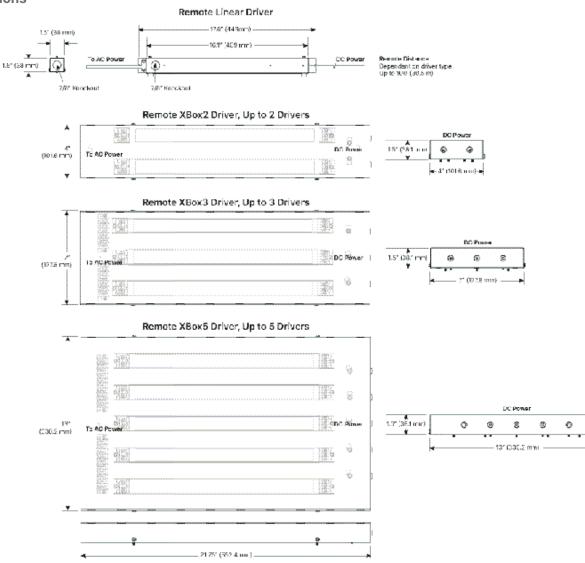
Project Name

NOTES

Fixture Type

## **REMOTE DRIVER BOX**

Dimensions

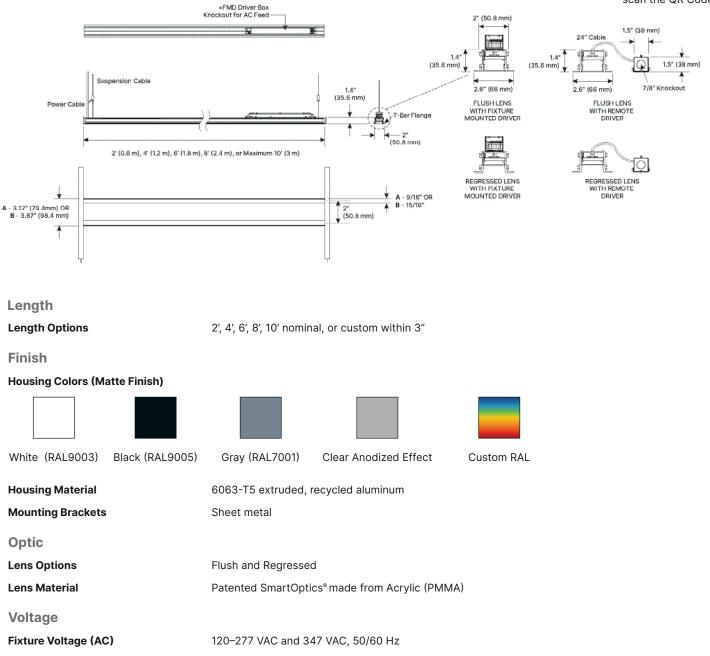


## **FIXTURE DESIGN**

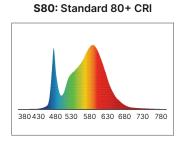
**Dimensions** 



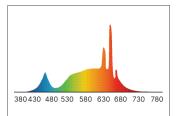
To download BIM (Revit) Files, please click or scan the QR Code.



## LED SELECTION GUIDE

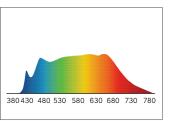


#### HD95: High-Definition 95+ CRI



S90: Standard 90+ CRI

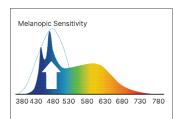
#### SUN: Full Spectrum "SunLike"



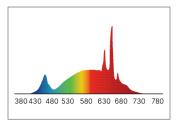
380 430 480 530 580 630 680 730 780

HE80: High-Efficiency 80+ CRI

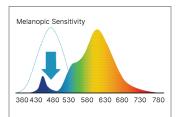
HCD: Human Centric Day



HE90: High-Efficiency 90+ CRI



#### HCN: Human Centric Night



## Static White Light (LED Light Engine Only)

			TYPICAL LED DATA						
CODE	DESCRIPTION	ССТ	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
S80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
S90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
HE80	High Efficiency 80 CRI	3500K	82.1	5.9	83	94.2	81.2	0.52	210
HE90	High Efficiency 90 CRI	3500K	92.2	90	90.7	103.8	92.1	0.56	190
HD95	High Definition 95 CRI	3500K	97.1	95	-	-	-	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	-	-	-	-	130
HCD	Human Centric Day	4000K	83	95	-	-	-	0.92	155
HCN	Human Centric Night	2700K	80	_	-	-	_	0.44	134

## LPW Efficacy Conversion Chart

	CCT SELECTED							
CODE	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	_	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	_	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	-	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	-	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	_	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
HCD	_	N/A	0.96	1.00	1.04	1.04	1.04	1.04
HCN	_	0.87	0.96	1.00	1.04	N/A	N/A	N/A

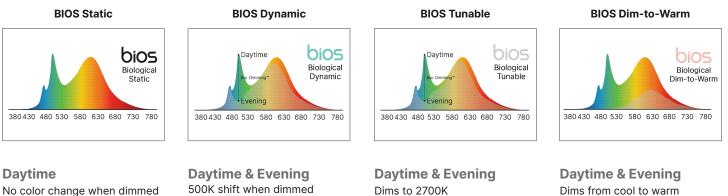
To learn more about

BIOS Technology, please click or scan the QR Code.

# **BIOS TECHNOLOGY**

**Choosing Your BIOS Solution** 

BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology -Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural color temperatures.



Spaces that operate during daytime hours — 7am and 7pm

**Circadian and Human Centric Light** 

Spaces that operate overnight - after 7pm and before 7am

Spaces that operate with overnight shifts — after 7pm and before 7am

Spaces where people sleep ---after 7pm and before 7am

**BIO-DIMMING MODULE TECHNOLOGY GUIDE** Requires BIO-Dimming **BIOS SkyBlue** Lighting CODE DESCRIPTION Driver **Driver Voltage** ССТ Module Control (490nm) SBIOS **BIOS Static** DIM1 0-10V Dimming to No CCT Change No Intensity Dimming **Always Present** 1% Dim-to-Dark Control Only DBIOS Intensity Dimming & Removed with **BIOS Dynamic** Yes Spectrum Change **BIO-Dimming Controlled Together** 0-10V Intensity **BIODIM1** Dimming to 1% 500K Shift Intensity Dimming & DBIOS-2 **BIOS Dynamic** Removed by Dim-to-Dark (Two Channel) Spectrum Change Adjusting No Controlled Separately "Spectrum Channel" TBIOS **BIOS Tunable** 0-10V Control of Intensity Dimming & Removed with Intensity & CCT Yes Spectrum Change **BIO-Dimming** Controlled Together on Separate ATW / 2 Channels / Dims to 2700K **BIOS Tunable** TBIOS-2 Intensity Dimming & Removed by DALI Control of DTW Adjusting (Two Channel) Spectrum Change Intensity & CCT No Controlled Separately "Spectrum on Separate Channel" 2 Channels **DWBIOS** BIOS Dim-to-Warm Intensity Dimming & Removed with Yes Spectrum Change **BIO-Dimming Controlled Together** Dims to 2200K DWBIOS-2 BIOS Dim-to-Warm Intensity Dimming & Removed by (Two Channel) Spectrum Change Adjusting No Controlled Separately "Spectrum Channel"

To learn more about our

SmartBeam Technology, please click or scan the QR Code.

## 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.

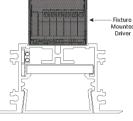
## **FIXTURE POWER & CONTROLS**

Voltage	
LED Driver	Factory Selected, 36–39V Constant Current
Emergency Backup	
Backup Types	Emergency Circuit, Emergency Battery Onboard or Remote, and other emergency backups are available
Wiring	Typically the Emergency Backup is wired to 48" sections
Power	10 W
Illumination Time	90 minutes
Partners	

COOPER CASAMBI eldoLED

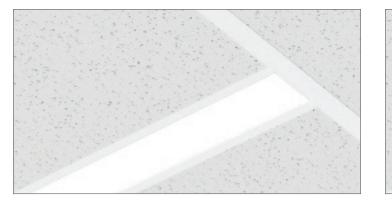


<b>Control Systems</b>	Drivers (Remote Drivers Sold Separately)
Other	Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory DMX Dim, Factory TRIAC Dim, eldoLED 0-10V 0.1% Dim, eldoLED 0-10V 1% Dim, eldoLED DALI 0.1% Dim, and other drivers are available, consult factory (not all integral)
Lutron	Hi-Lume 1% Dimming and 5-Series 5% Dimming
Cooper	Compatible driver
Casambi (wireless)	Compatible driver
ХВох	
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.
	Fixture Mounted Drivers mount



Fixture Mounted Drivers mount on top of the fixture. They provide 0-10V, DALI, DMX, and TRIAC dimming. Also compatible with Cooper and other common building control systems, including PoE and wireless.





Flush Lens

**Regressed Lens** 

## **FIXTURE MOUNTING & CONNECTIONS**

**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.

**Power Cord** 

24" Cable Kit

**Mounting Kit** 

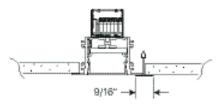
Suspension Cable

Stainless Steel

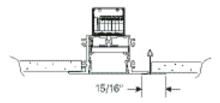
White and Black

**Mounting Options** 





T3 - 15/16" Flat T-Bar Mount



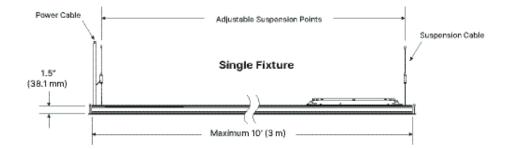
SALES@XICOLED.COM

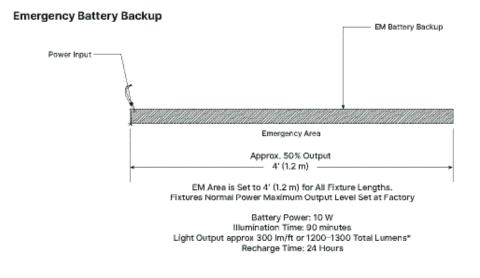
(781) 995-0805

XICOLED.COM

## **Standard Lengths & Continuous Runs**

Maximum length of one fixture is 10'. Longer runs can be produced by joining sections. Customer approval of shop drawings is required prior to build of any non-standard length order.





# **STANDARDS & CERTIFICATIONS**



## **Declare Listed**

Declare labels provide a quick and reliable way to make choices about the environmental footprint and safety of the product. Declare is internationally recognized and the labels can be found on the product, product packaging, or company website. Visit xicoled.com for Declare Listed details.



### **Red List Free**

An industry standard certification for LED lighting products based on the International Living Future Institute (ILFI). These products only use materials based on the "Red List of Toxic Chemicals" (a list of chemicals and materials known to be hazardous to people and/or the Earth) that are safe, healthy, and environmentally sustainable.

# Certifications

Compliance

Certifications

BAA & TAA compliant in-house manufacturing in Boston, MA with North American supply chain

RoHS

Sustainability	Declare Listed and Red List Free
Packaging	Low carbon, environmentally conscious packaging and shipping methods
Environmental Suitability	
IP Rating	Suitable for Dry and Damp Locations, indoor use only
Recyclable	SmartOptics and all powder coated and anodized parts are fully recyclable at end of life
Reliability	
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

#### Warranty & Terms

5-YR Warranty

**Business Terms** 





For details on our warranty and business terms, please click or scan the QR Code.

XICO. XICOLED.COM SALES@XICOLED.COM (781) 995-0805

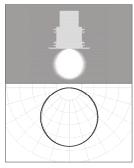
# **GRID**Slot2

## SPECIFICATION GUIDE

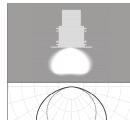
	BEAM PATTERN			
OPTIC	DLAM	DBW65	DA5025	
Flush Lens	•	•	•	
Regressed Lens	•	•	•	

# DIRECT PHOTOMETRICS

**DLAM:** Lambertian



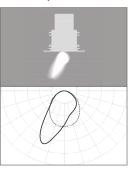
Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	746
Watts	27
W/ft	6.8
LPW	110



DBW65: Batwing 65°

Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	743
Watts	27
W/ft	6.8
LPW	109

DA5025: Asymmetric 50° at 25° Tilt



Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	738
Watts	10.5
W/ft	5.3
LPW	141

Static White Light

## **PATENTS & TRADEMARKS**



To learn more about our unique technologies, please click or scan the QR Code.

#### **Utility Patents**

United States	US11543582, US11520097, US11512466, US11441749, US11396751, US11333822, US11163104, US11156762, US10852466, US10068447, US8953926, US8948564, US8911099, US8876348, US8794812, US8783898, US8761565, US8750671, US8721152, US8619363, US8430548, US8408775, US8249408, US8231256, US8177408, US8033706, US8033674, US7991257, US7914192, US7784954, US7758227, US7722224, US7542635, US7453636, US7453635, US7431489, US7408707, US7278775, US6369944, US6346311, US6123877, US5932342, US5837346, US2022037144, US20220372752, US20220364708, US20220357006, US20220357005, US20220342141, US202209432, US20220202010A1, US20220171119A1, US20220171115A1, US20220162856A1, US20220162853A1, US20220146063A1, US20220137287, US20210301991A1, US20200355345A1, US20200217071A1, US20220333765A1, US2022028366A1, US20220196906A1, US20220010554A1, US20080043490A1, US20060290253A1, US20060215958A1, US20120321247, US20120250330, US20120099204
Canada	CA2702600, CA2702685, CA2702690
France	FREP0800658
Germany	DEEP0800658
Great Britain	GB2492541, GB2492542, GBEP0800658, GB2492398
Japan	JP03958359
Netherlands	NLEP0800658
Taiwan	FTW360813B
European Patent Organization	EP0843203, EP0843203

#### **Design Patents**

**United States** 

USD719282, USD717973, USD669606, USD669608, USD669609, USD669614, USD663056

#### The Patent Corporation Treaty

World Intellectual	WO2015200268
Property Organization	

#### **Trademarks**

**United States** 

US6672871, US6397231, US6373493, US6257728, US6190558, US6190559, US6142905, US6114408, US6038234, US6025279, US6060740, US6257729, US5856164, US5734112, US5543304, US5309290, US5309315, US4691124, US4640751



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