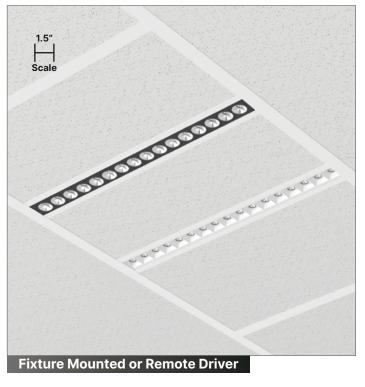
GRIDSlot1.5 MCO



1.5" Low-Profile Linear LED T-Bar Mount





Features & Benefits

Exceptional PerformanceUp 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, 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

Designed & Built in **BOSTON**







FIXTURE ORDERING

Project Name

1) FIXTURE DESIGN

Fixture Type

PRODUCT	LENG	ЭТН	FIXTUR	E FINISH	MICRO CAVIT	Y OPTICS (MCO) FINISH
GSL150-RT						
1.5" Low-Profile	2	2'	MWH	Matte White (RAL9003)	OSQMCOWH	Square MCO, White
Linear LED	4	4'	MBK	Matte Black (RAL9005)	OSQMCOBK	Square MCO, Black
T-Bar Mount	6	6'	MGR	Matte Gray (RAL7001)	ORMCOWH	Round MCO, White
	8	8'	CAE	Clear Anodized Effect	ORMCOBK	Round MCO, Black
	10 X	10' Specify X'. Y"	RAL_	Specify RAL#		,

2) LED LIGHT ENGINE

CRI		CCT		DIRECT BE	AM PATTERN	DIRE	CT OUTPUT
S80	Std. 80 CRI	22	2200K	DMCO45	Micro Cavity Optics 45°	35	350 lm/ft
S90	Std. 90 CRI	27	2700K	DMCO35	Micro Cavity Optics 35°	50	500 lm/ft
HE80	High-Eff. 80 CRI	30	3000K	DMCO25	Micro Cavity Optics 25°	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			X_	Specify Im/ft
SUN	Full SunLike	50	5000K				
SBIOS	Static BIOS	3022D	3000K to 2200K Dim-to-Warm				
DBIOS TBIOS	Dynamic BIOS Tunable White BIOS	3527D X_	3500K to 2700K Dim-to-Warm Specify CCT				

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC) DRIVER LOCATION		DRIVER (POWER)	REMOTE DRIVER BOX1	EMERGENCY BACKUP	CONTROL SYSTEM ³	
UNV 120/277V 347 347V	FMD Fixture Mounted Driver RD Remote Driver	FDND Factory Non-Dimming FD01 Factory 0-10V 1% Dim FD10 Factory 0-10V 10% Dim FDDA Factory DALI 0.1% Dim FDTR Factory TRIAC Dim LD01 Lutron Hi-Lume 1% Dim LD05 Lutron 5-Series 5% Dim ED00 eldoLED 0-10V 0.1% Dim ED01 eldoLED 0-10V 1% Dim ED01 eldoLED DALI 0.1% Dim Specify Driver	NN Not Needed RLDB² Remote Linear Driver Box (driver included by default) RX2D² Optional Remote XBox2 Driver, Up to 2 Drivers RX3D² Optional Remote XBox3 Driver, Up to 3 Drivers RX5D² Optional Remote XBox5 Driver, Up to 5 Drivers Up to 5 Drivers	NN Not Needed EMC Emergency Circuit EMB Emergency Battery (10 W — Onboard or Remote) X_ Specify Backup	NN Not Needed LUT Lutron COO Cooper CAS Casambi X_ Specify Control System	

4) FIXTURE MOUNTING & CONNECTIONS

MOUNTING TYPE	POWER CORD

9/16" Flat T-Bar Mount T1 T2 9/16" Bolt Slot T-Bar Mount ТЗ 15/16" Flat T-Bar Mount Specify Mounting Type

24" White Cable Kit S24WH 24" Black Cable Kit S24BK

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

XICO.

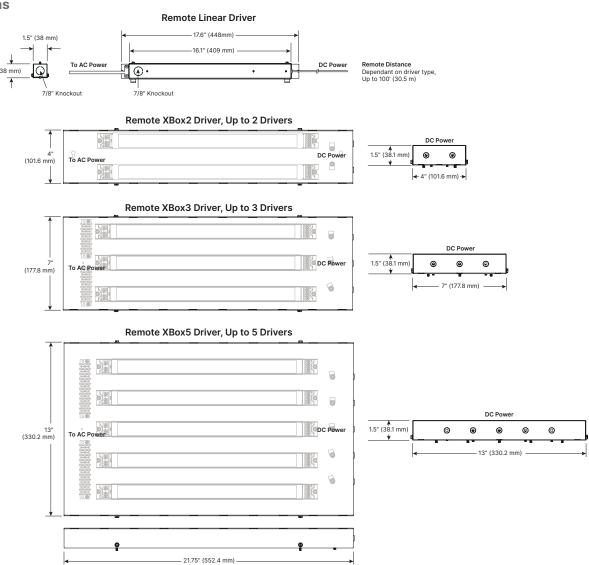
Χ_

NOTES

Project Name	
Fixture Type	

REMOTE DRIVER BOX

Dimensions

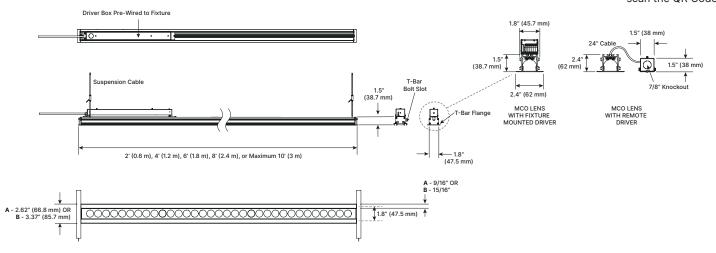


FIXTURE DESIGN

Dimensions



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



Length

Length Options 2', 4', 6', 8', 10' nominal, or custom within 3"

Finish

Housing Colors (Matte Finish)



Housing Material 6063-T5 extruded, recycled aluminum

Mounting Brackets Sheet metal

Optic

Lens Options Square and Round Micro Cavity Optics

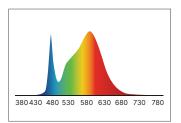
Lens Material Patented SmartOptics® made from Acrylic (PMMA)

Voltage

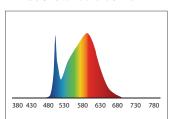
Fixture Voltage (AC) 120–277 VAC and 347 VAC, 50/60 Hz

LED SELECTION GUIDE

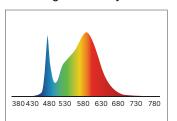
S80: Standard 80+ CRI



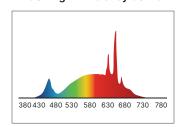
S90: Standard 90+ CRI



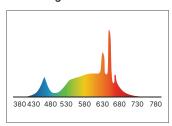
HE80: High-Efficiency 80+ CRI



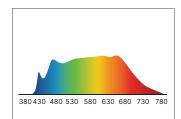
HE90: High-Efficiency 90+ CRI



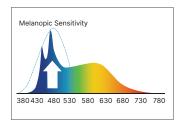
HD95: High-Definition 95+ CRI



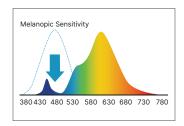
SUN: Full Spectrum "SunLike"



HCD: Human Centric Day



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

BIOS TECHNOLOGY

Choosing Your BIOS Solution

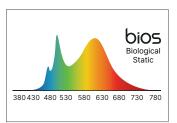


To learn more about BIOS Technology, please click or scan the QR Code.

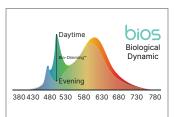


BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural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

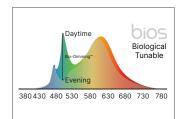
BIOS Static



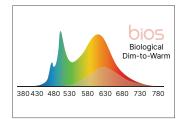
BIOS Dynamic



BIOS Tunable



BIOS Dim-to-Warm



Daytime

No color change when dimmed

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

Daytime & Evening 500K shift when dimmed

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

Daytime & Evening

Dims to 2700K

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

Daytime & Evening

Dims from cool to warm

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

Circadian and Human Centric Light

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

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.



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





Control Systems Drivers (Remote Drivers Sold Separately)

Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory Other

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)

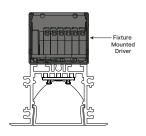
Hi-Lume 1% Dimming and 5-Series 5% Dimming Lutron

Cooper Compatible driver Casambi (wireless) Compatible driver

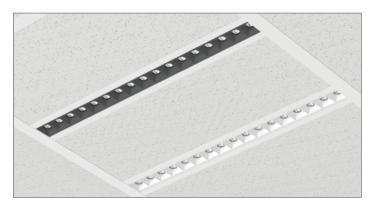
XBox

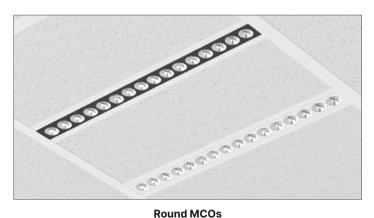
Remote Driver Boxes To create a clean and organized power solution for multiple fixture installations see our XBox (Optional)

Specification Guide. Reach out to a XICO Sales Representative to discuss you projects needs.



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.





Square MCOs

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 $\ensuremath{\mathsf{S}}$

performance enhancements.

Power Cord

24" Cable Kit White and Black

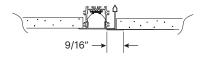
Mounting Kit

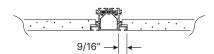
Suspension Cable Stainless Steel

Mounting Options

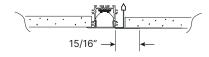
T1 - 9/16" Flat T-Bar Mount

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



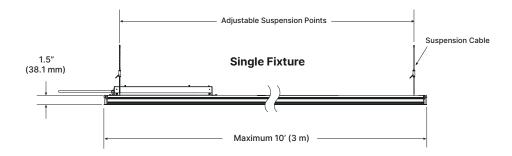


T3 - 15/16" Flat T-Bar Mount

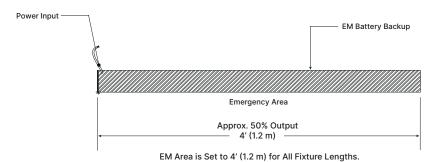


Standard Lengths & Continuous Runs

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.



Emergency Battery Backup



Fixtures Normal Power Maximum Output Level Set at Factory

Battery Power: 10 W

Battery Power: 10 W Illumination Time: 90 minutes Light Output approx 300 lm/ft or 1200–1300 Total Lumens* Recharge Time: 24 Hours

*Light output may vary based on fixture output level ordered.

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

Certifications







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







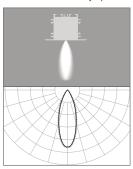
For details on our warranty and business terms, please click or scan the QR Code.

	BEAM PATTERN		
OPTIC	DMCO45	DMCO35	DMCO25
Micro Cavity Optics (MCO)	•	•	•

DIRECT PHOTOMETRICS

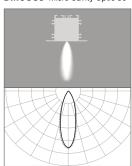
Static White Light

DMCO45: Micro Cavity Optic 45°



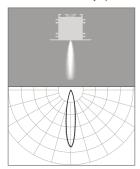
Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	749
Watts	37
W/ft	9
LPW	82

DMCO35: Micro Cavity Optic 35°



Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	749
Watts	37
W/ft	9
LPW	82

DMCO25: Micro Cavity Optic 25°



Length	48″
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	749
Watts	37
W/ft	9
LPW	82

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, US20220373144, US20220372752, US20220364708, US20220357006, US20220357005, US20220342141, US20220290432, US20220206210A1, US20220171119A1,

US20220171115A1, US20220162856A1, US20220162853A1, US20220146063A1, US20220137287, US20210301991A1, US20200355345A1, US20200217071A1, US20220333765A1, US20220228366A1, 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 Property Organization WO2015200268

Trademarks

United States US6672871, US6397231, US6373493, US6257728, US6190558, US6190559, US6142905, US6114408,

US6038234, US6025279, US6060740, US6257729, US5856164, US5734112, US5543304, US5309290,

US5309315, US4691124, US4640751

