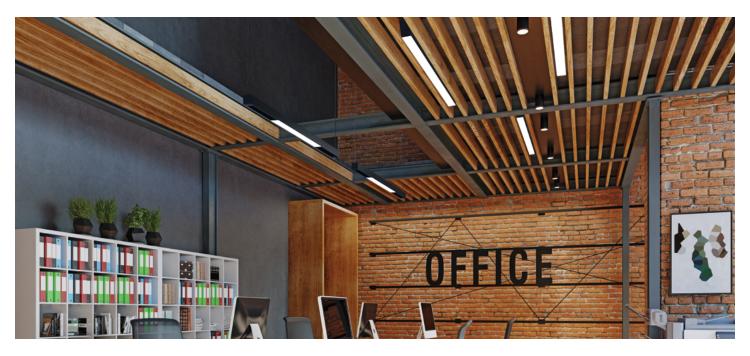
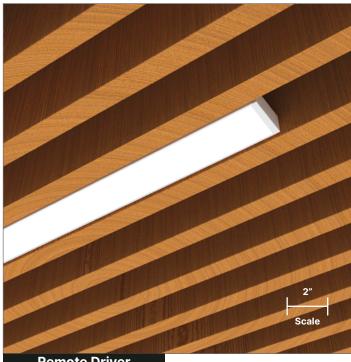
EDGESolo200 Woodworks®

Edge-Aperture Linear Downlight for Wood Ceiling Grids







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 and Tunable White

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

Project Name

1) FIXTURE DESIGN

Fixture Type

PRODUCT	LENC	GTH	FINISH		END	CAP	OPTIC	
ESO200-WW								
Edge-Aperature Linear Downlight for Wood Ceiling Grids	2 4 6 8 X_	2' 4' 6' 8' Specify X', Y"	MWH MBK MGR CAE RAL_	Matte White (RAL9003) Matte Black (RAL9005) Matte Gray (RAL7001) Clear Anodized Effect Specify RAL#	E2	Chamfered End Cap	ORL	Regressed Lens

2) LED LIGHT ENGINE

CRI	CRI CCT			DIRECT BEAM PATTERN		DIRECT 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			X_	Specify Im/ft
SUN	Full SunLike	50	5000K				
		X_	Specify CCT				

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	REMO	FE DRIVER (POWER)	REMOTE	E DRIVER BOX ¹	EMERG	SENCY BACKUP	CONT	ROL SYSTEM ³
UNV 120/277V 347 347V	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 DMX 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 ² RX2D ² RX3D ² RX5D ²	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 to 5 Drivers	NN EMC EMB X_	Not Needed Emergency Circuit Emergency Battery (10 W — Remote) Specify Backup	NN LUT COO CAS X_	Not Needed Lutron Cooper Casambi Specify Control System

4) FIXTURE MOUNTING & CONNECTIONS

MOUNTING TYPE	POWER CORD	MOUNTING KIT		
WI Woodworks Integration	S24WH 24" White Cable Kit S24BK 24" Black Cable Kit	SXIC Stainless Steel XICO Integration Clip		

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.

EDGESolo200 Woodworks®

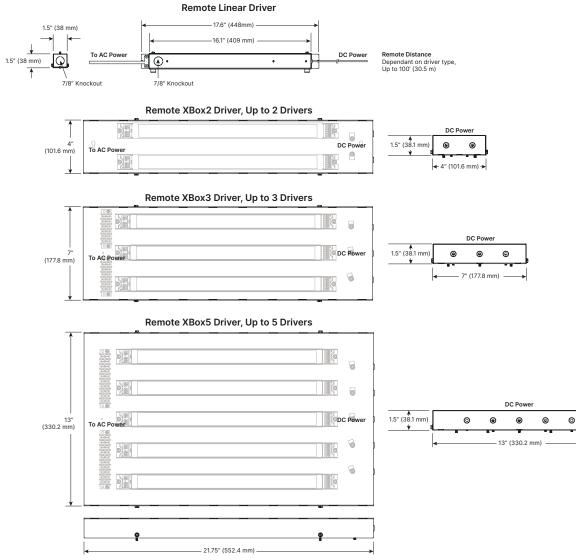
Project Name

Fixture Type

NOTES

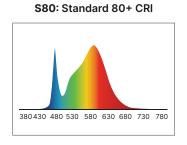
REMOTE DRIVER BOX

Dimensions

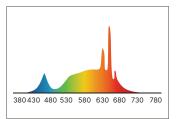


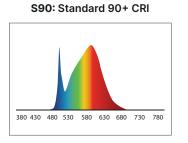
FIXTURE DESIGN Dimensions Adjustable Mounting Points (2X) To download BIM (Revit) Files, please click or Surface Mounting Bracket 1″ scan the QR Code. (25.4 mm) 2 REGRESSED (50.8 mm) LENS 2' (0.6 m), 4' (1.2 m), 6' (1.8 m), 8' (2.4 m), or Maximum 10' (3 m) 2" (50.8 mm) Length **Length Options** 2', 4', 6', 8' **Finish** Housing Colors (Matte Finish) White (RAL9003) Black (RAL9005) Gray (RAL7001) **Clear Anodized Effect** Custom RAL **Housing Material** 6063-T5 extruded, recycled aluminum Sheet metal **Mounting Brackets End Cap End Cap Option** Chamfered **End Cap Material** Machined or cast aluminum Optic Lens Option Regressed Lens Material Patented SmartOptics® made from Acrylic (PMMA) Voltage Fixture Voltage (AC) 120-277 VAC and 347 VAC, 50/60 Hz

LED SELECTION GUIDE

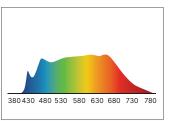


HD95: High-Definition 95+ CRI





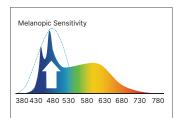
SUN: Full Spectrum "SunLike"



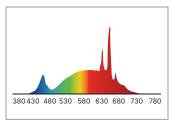
HE80: High-Efficiency 80+ CRI

380 430 480 530 580 630 680 730 780

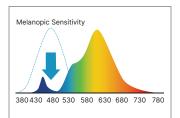
HCD: Human Centric Day



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	

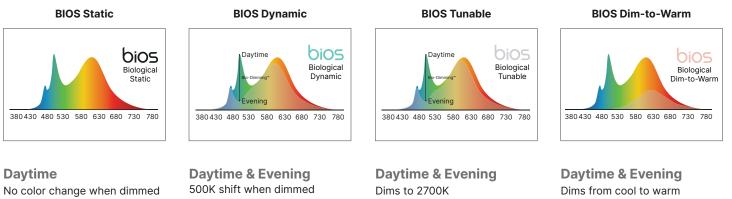
To learn more about BIOS Technology,

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									
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		Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming				
DBIOS-2	BIOS Dynamic (Two Channel)	BIODIM1	Dimming to 1% Dim-to-Dark	500K Shift	No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"				
TBIOS	BIOS Tunable		0-10V Control of Intensity & CCT on Separate 2 Channels / DALI Control of Intensity & CCT on Separate 2 Channels	Dims to 2700K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming				
TBIOS-2	BIOS Tunable (Two Channel)	ATW / DTW			No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"				
DWBIOS	BIOS Dim-to-Warm				Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming				
	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.

FIXTURE POWER & CONTROLS

Voltage LED Driver	Factory Selected, 36–39V Constant Current
Emergency Backup	
Backup Types	Emergency Circuit, Emergency Battery (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	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.

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





Regressed Lens

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

Woodworks Integration

Installs onto a wood surface via an integration clip. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Power Cords

24" Cable Kit

White and Black

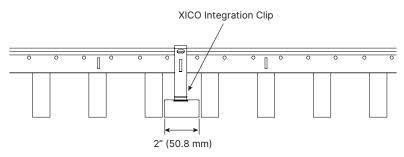
Stainless Steel

Mounting Kit

Surface Mounting Bracket

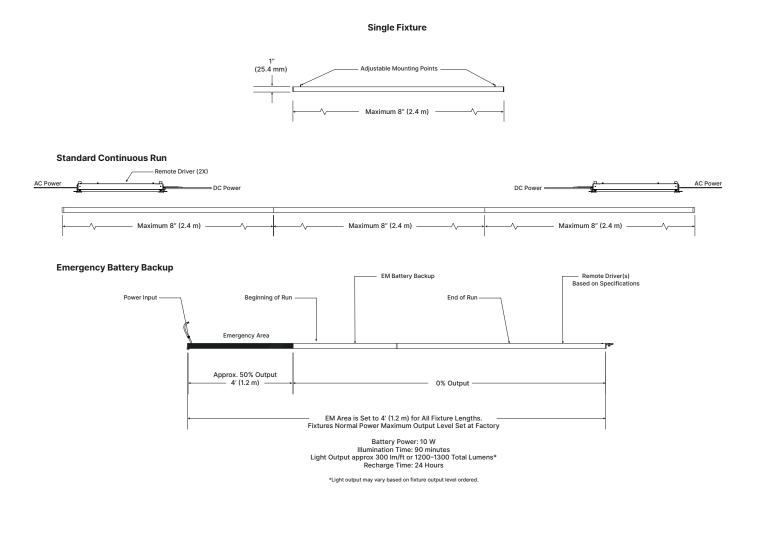
Mounting Options

Woodworks Integration



Standard Lengths & Continuous Runs

Maximum length of one fixture is 8'. 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.

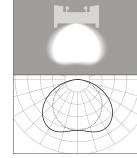
	BEAM PATTERN		
OPTIC	DLAM	DBW65	DA5025
Regressed Lens	•	•	•

DIRECT PHOTOMETRICS

DLAM: Lambertian

U 1

DBW65: Batwing 65°



48"

HE80 CRI/CCT 80+/3500K

3,000

743

27

6.8

109

Length

Lumens

lm/ft

Watts

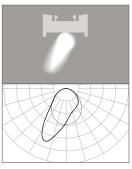
W/ft

LPW

LED

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

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, US20220373144, US20220372752, US20220364708, US20220357006, US20220357005, US20220342141, US2022090432, US2022006210A1, 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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