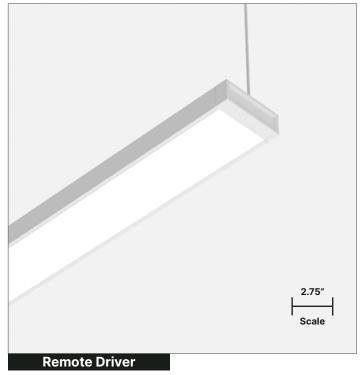
EDGESolo275 Pendant



2.75" Edge-Lit Linear LED Pendant Mount





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

Designed & Built in **BOSTON**







FIXTURE ORDERING

Project Name

Fixture Type

1) FIXTURE DESIGN

PRODUCT	LEN	GTH	FINISH		ENI	CAP	OPTIC (DIF	RECT ONLY)
ESO275-P								
2.75" Edge-Lit Linear LED Pendant Mount	2 4 6 8 10 X	2' 4' 6' 8' 10' 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	OFL	Flush Lens

2) LED LIGHT ENGINE

CRI		CCT		DIRECT B	EAM PATTERN	DIRE	CT OUTPUT	INDIRECT	BEAM PATTERN	INDIR	ECT OUTPUT
S80	Std. 80 CRI	22	2200K	DLAM	Lambertian	35	350 lm/ft	NN	Not Needed	NN	Not Needed
S90	Std. 90 CRI	27	2700K	DBW65	Batwing 65°	50	500 lm/ft	ILAM	Lambertian	35	350 lm/ft
HE80	High-Eff. 80 CRI	30	3000K	DA5025	Asymmetric 50°	75	750 lm/ft	IBW120	Batwing 120°	50	500 lm/ft
HE90	High-Eff. 90 CRI	35	3500K		at 25° Tilt	100	1,000 lm/ft	IFT150	FlatTop 150°	75	750 lm/ft
HD95	High-Def. 95 CRI	40	4000K	X_	Specify Beam	X_	Specify Im/ft	IA6040	Asymmetric	100	1,000 lm/ft
SUN	Full SunLike	50	5000K						60° at 40° Tilt	X_	Specify Im/ft
		X_	Specify CCT					IA4560	Asymmetric 45° at 60° Tilt		
								X_	Specify Beam		

3) FIXTURE POWER & CONTROLS

LINE \	LINE VOLTAGE (DC) REI		REMOTE DRIVER (POWER)		REMOTE DRIVER BOX1		EMERGENCY BACKUP		CONTROL SYSTEM ³	
UNV 347	120/277V 347V	FDND FD01 FD10 FDDA FDDX FDTR LD01 LD05 ED00 ED01 EDDA	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	NN RLDB ² RX2D ² RX3D 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	Not Needed Emergency Circuit Emergency Battery (10 W — Remote) Specify Backup	NN LUT COO CAS X_	Not Needed Lutron Cooper Casambi Specify Control System	
		FDDA FDDX FDTR LD01 LD05 ED00 ED01	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	RX3D ²	Optional Remote XBox2 Driver, Up to 2 Drivers Optional Remote XBox3 Driver, Up to 3 Drivers Optional Remote XBox5		(10 W — Remote)	CAS	Casambi Specify Control	

4) FIXTURE MOUNTING & CONNECTIONS

MOL	JNTING TYPE	CANOPY				POWER C	CORD
	Draugell/I Boy Mount	DCW/II2	2" Dound Conony White	COCWITA	2" Cause Conony White	CARMIL	40" Mhita Cabla Kit
DJ T1	Drywall/J-Box Mount 9/16" Flat T-Bar Mount	RCWH2 RCBK2	2" Round Canopy, White 2" Round Canopy, Black	SQCWH2 SQCBK2	2" Square Canopy, White 2" Square Canopy, Black	S48WH S48BK	48" White Cable Kit 48" Black Cable Kit
T2	9/16" Bolt Slot T-Bar Mount	RCWH5	5" Round Canopy, White	SQCWH5	5" Square Canopy, White	S96WH	96" White Cable Kit
Т3	15/16" Flat T-Bar Mount	RCBK5	5" Round Canopy, Black	SQCBK5	5" Square Canopy, Black	S96BK	96" Black Cable Kit

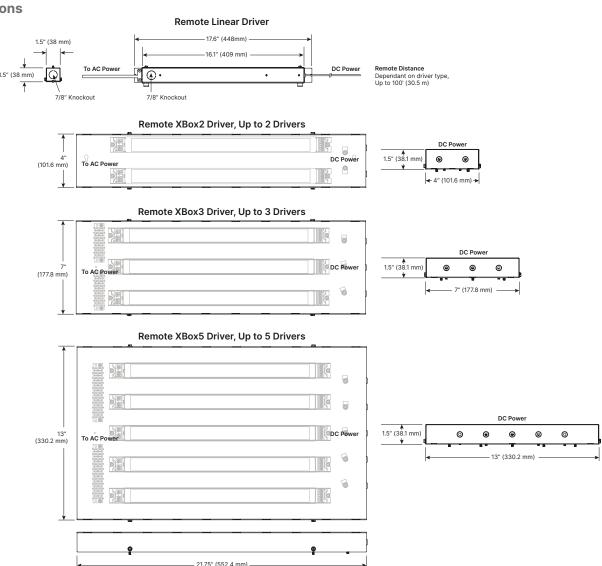
Footnotes: ¹ Remote distance is dependent on driver type, up to 100' (30.5 m). ² Creates a clean and organized power solution for multiple fixture installations. ³ The control system and driver must be compatible.

NOTES

Project Name	
Fixture Type	

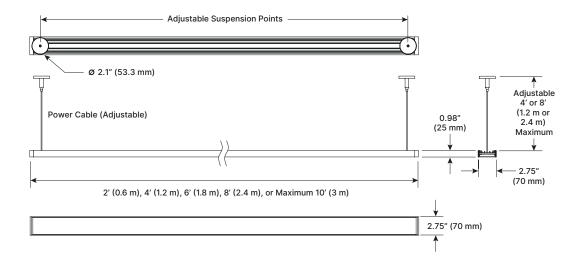
REMOTE DRIVER BOX

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

End Cap

End Cap Option Chamfered

End Cap Material Machined or cast aluminum

Optic

Lens Option Flush

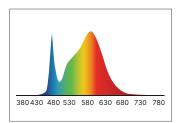
Lens Material Patented SmartOptics® made from Acrylic (PMMA)

Voltage

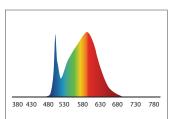
Fixture Voltage (AC) 120–277 VAC and 347 VAC, 50/60 Hz

LED SELECTION GUIDE

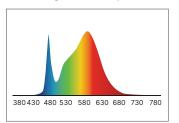
S80: Standard 80+ CRI



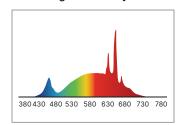
S90: Standard 90+ CRI



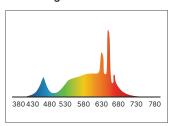
HE80: High-Efficiency 80+ CRI



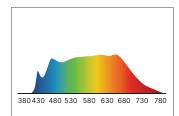
HE90: High-Efficiency 90+ CRI



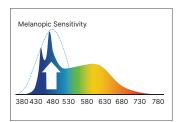
HD95: High-Definition 95+ CRI



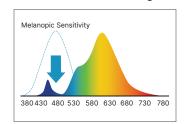
SUN: Full Spectrum "SunLike"



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

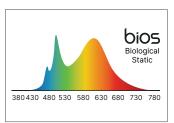


To learn more about BIOS Technology, please click or scan the QR Code.

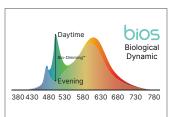


BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural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

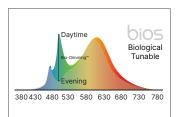
BIOS Static



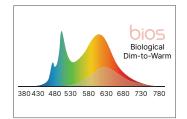
BIOS Dynamic



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

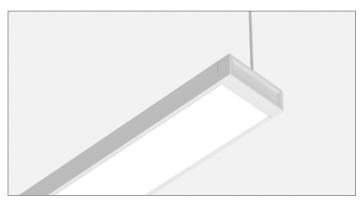
Cooper Compatible driver

Casambi (wireless) Compatible driver

XBox

Remote Driver BoxesTo 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.



Flush Lens

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

T-Bar Mount Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with

a range of accessories, mounts and inserts that provide easy customization of visual appearance

and performance enhancements.

Drywall/J-Box Mount Installs onto a surface via a junction box. Available with a range of accessories, mounts and inserts

that provide easy customization of visual appearance and performance enhancements.

Canopy

Canopy Sizes & Shapes 2" and 5", Round and Square

Canopy Colors

White (RAL9003) Black (RAL9005)

Canopy Material Powder Coated Steel

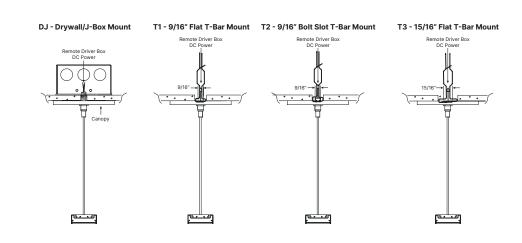
Power Cords

48" Cable Kit White and Black
96" Cable Kit White and Black

Mounting Options

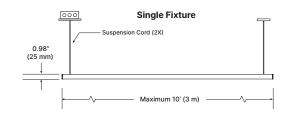
Typically suspended at a distance of between 24" and 72". Supplied hardware includes:

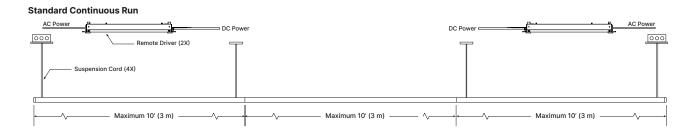
- Cable length adjustable at fixture level
- Standard 96" cord length or custom length
- Internal brackets to eliminate light leakage at joints

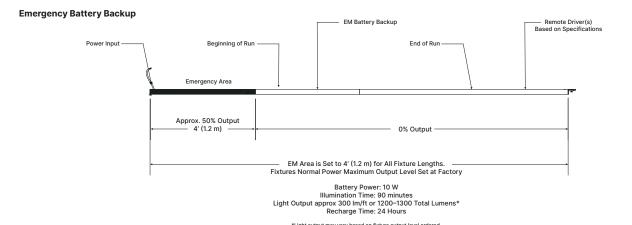


Standard Lengths & Continuous Runs

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 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







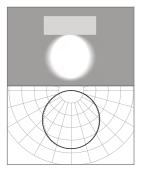
For details on our warranty and business terms, please click or scan the QR Code.

	BEAM PATTERN					
OPTIC	DLAM	DBW65	DA5025			
Flush Lens	•	•	•			

DIRECT PHOTOMETRICS

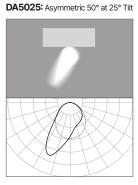
Static White Light

DLAM: Lambertian



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t				X
	XX		13	<i>X</i>
				\times \times

DBW65: Batwing 65°



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

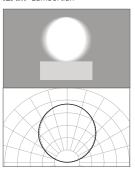
Length 48" **LED** CRI/CCT 80+/3500K Lumens 3,000 lm/ft 743 Watts 27 W/ft 6.8 LPW 109

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

INDIRECT PHOTOMETRICS

Static White Light

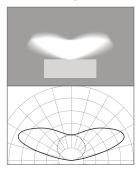
ILAM: Lambertian



Length	48"	

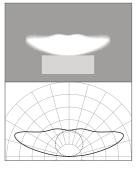
Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	4,000
lm/ft	1,000
Watts	28
W/ft	7
LPW	150

IBW120: Batwing 120°



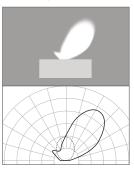
Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	4,000
lm/ft	1,017
Watts	25
W/ft	6.3
LPW	162

IFT150: FlatTop 150°

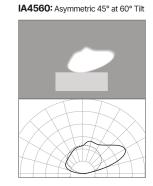


Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	4,000
lm/ft	1,004
Watts	26
W/ft	6.5
I DW	155

IA6040: Asymmetric 60° at 40° Tilt



Length	48"
LED	HE80
CRI/CCT	80+/3500k
Lumens	4,000
lm/ft	991
Watts	28
W/ft	7
LPW	143



Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	4,000
lm/ft	991
Watts	28
W/ft	7
LPW	143

PATENTS & TRADEMARKS



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

Utility Patents

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

