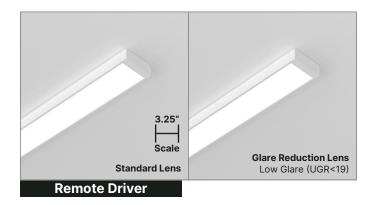
EDGESolo325 Surface

XICO®

Direct | Standard Lengths

Project Name



DESCRIPTION

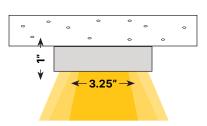
Fixture Type

3.25" Edge-Lit Linear LED Surface Mount

EDGESolo325 Surface is an innovative low-profile surface-mounted LED luminaire designed to provide the perfect direct and indirect light. EDGE products all provide best-in-class efficiency and beam control options. EDGESolo325 Surface is specification-grade with high lumen per foot, high CRI, and circadian options. EDGESolo325 Surface incorporates an engineered LED light engine with fully customizable choices for lumen output, CCT, and CRI.

LIGHTING CONFIGURATIONS

Direct



FEATURES & BENEFITS

Exceptional Performance

Up to 1,000 lm/ft, 135 lm/W efficacy. Low Glare (UGR<19) WELL Building Standard $^{\text{TM}}$ and LEED certified when specified less than 500 lm/ft.

LED Selections

Static

Designed with Options

Wide choice of SmartOptic® lenses, beam distributions, 80/90/95+ 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



















Designed & Built in **BOSTON**



XICOLED.COM

SALES@XICOLED.COM

(781) 995-0805

5/2025 RevD

FIXTURE ORDERING

Project Name Fixture Type

1) FIXTURE DESIGN	1) FIXTURE DESIGN					
PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE			
ESO325-S						
3.25" Edge-Lit Linear LED Surface Mount	2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft X Specify Ft', In"	Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL Specify RAL #	E1 - Flat End Cap E2 - Chamfered End Cap			
	Custom fixtures are available in 3" increments beyond standard lengths.	Anodized ACL - Clear Anodized ACU Custom Anodized #				
2) LED LIGHT ENGINE						

	9	_ · · · =						
2) LED LIGHT ENG	2) LED LIGHT ENGINE							
CRI	сст	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT				
80 - Std. 80 CRI 90 - Std. 90 CRI 95 - High-Def. 95 CRI SUN - Full SunLike	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K X Specify CCT	OSL - Standard Lens	DLAM - Lambertian DBW65 - Batwing 65° DA5025 - Asym 50° at 25° Tilt X Specify Beam¹	35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X Specify lm/ft				
		GRL - Glare Reduction Lens (LEED certified and meets the WELL Building Standard™ with output less than 500 lm/ft)	DLAM - Lambertian					

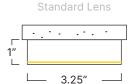
3) FIXTURE POW	3) FIXTURE POWER & CONTROLS				
LINE VOLTAGE (DC)	REMOTE DRIVER (POWER) ²				
UNV - 120/277V 347 - 347V	FDND - Factory Non-Dimming FD00 - Factory 0-10V 0.1% Dim FD01 - Factory 0-10V 1% Dim FD10 - Factory 0-10V 10% Dim FDDA - Factory DALI 0.1% Dim FDDX - Factory DMX Dim FDTR - Factory TRIAC Dim LD01 - Lutron Hi-Lume 1% Dim X Specify Driver	Footnotes: ¹ Contact factory about custom beam options. ² Standard driver box is included			

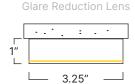
MOUNTING TYPE	POWER CORD	MOUNTING KIT	
DJ - Drywall/J-Box Mount/Grid Ceiling Tile/Hard Ceiling Surface M1 - Magnet Mount TC1 - 9/16" Flat T-Bar Mount TC2 - 9/16" Bolt Slot T-Bar Mount TC3 - 15/16" Flat T-Bar Mount TC1, TC2 and TC3 clips directly to grid t-bar.	P24W - 24" White Cable Kit P24B - 24" Black Cable Kit	SSMB - Stainless Steel Surface Mounting Bracket	

OPTIONAL				
EMERGENCY BACKUP	WIRELESS MODULE			
EMC - Emergency Circuit	WCN - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)			
EMB - Emergency Battery (10W — Remote) X Specify Backup	PIR - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')			
Specify requirements at time of order.	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







Standard Fixtures



Lens Length / Fixture Length

Mounting Type

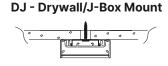
T-Bar Mount

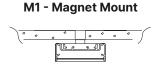
Installs into a ceiling grid system and mounts onto typical T-Bar elements.

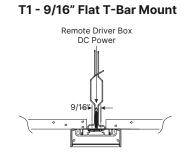
Surface Mount

Installs onto a surface via a junction box or magnet.

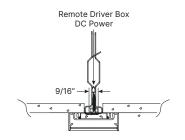
Mounting Options







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



Remote Driver Box DC Power

T3 - 15/16" Flat T-Bar Mount

SMARTBEAM® TECHNOLOGY

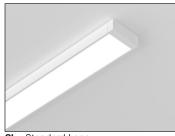
The Ultimate Control of Lighting Distributions

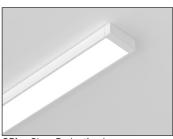
SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every XICO product; it is now possible to create truly tailored and engaging lighting that transform spaces, improves visual comfort, and saves energy.

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



Direct Optics Choices





SL - Standard Lens

GRL - Glare Reduction Lens

	BEAM PATTERN		
DIRECT OPTICS	DLAM	DBW65	DA5025
Standard Lens			
Glare Reduction Lens			

LPW Efficacy Conversion Chart

	CCT SELECTED							
CODE	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
80	_	0.91	0.96	1.00	1.04	1.11	1.11	1.11
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
SUN	_	0.90	0.92	1.00	1.01	1.07	1.04	1.05

LPW Performance

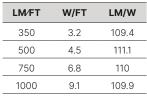
	DIRECT		
	DLAM	DBW65	DA5025
LM/W	110	109	141

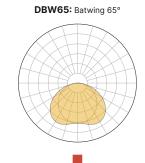
DIRECT PHOTOMETRICS

Static White Light

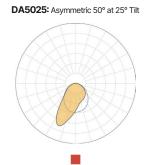
48" Length, 80+/3500K CRI/CCT, 3,000 Lumens







LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	109
1000	9.1	109.9



LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	142.9
750	5.3	141
1000	7.1	140.8

OPTICS CONFIGURATIONS

Standard Lens		Glare Reduction Lens		on Lens	
White S	White Standard Lens OSL		White Glare	Redu GRL	uction Lens

COMPATIBLE OPTIC				
FLUSH LENS	GLARE REDUCTION LENS			

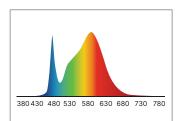
WELL Building Standard™ and LEED Certification

EDGESolo products are LEED certified and meet the WELL Building Standard™ for low glare (UGR <19) when specified with a low-glare lens option and configured at or below maximum lumen-per-foot output. Refer to the chart below for qualifying configurations and performance data.

	EDGESolo								
LM/FT	ESO200	ESO275	ESO325	ESO525					
350									
400									
500									
750									

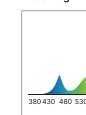
LED OPTIONS

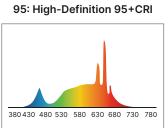
80: Standard 80+ CRI

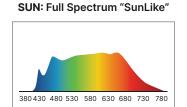


90: Standard 90+ CRI

380 430 480 530 580 630 680 730 780







		TYPICAL LED DATA								
CODE	DESCRIPTION	ССТ	CRI	CRI R9	TM30 Rf	TM30 Rg	cqs	M/P Ratio	LPW	
80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190	
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

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







5/2025 RevD

TECHNICAL SPECIFICATIONS

Finishes & Design Options

Powder Coated Housing Colors (Matte Finish)

White (RAL9003) Black (RAL9005) Gray (RAL7001) Custom RAL



Housing Material

6063-T5 extruded, recycled aluminum

Mounting Brackes

Sheet Metal

End Cap Material

6063-T5 extruded, recycled aluminum

Lens Options and Material

Standard, Baffle and Glare Reduction 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 for reliability and tested for quality assurance



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

