EDGESolo325 Surface

Direct | Standard Lengths
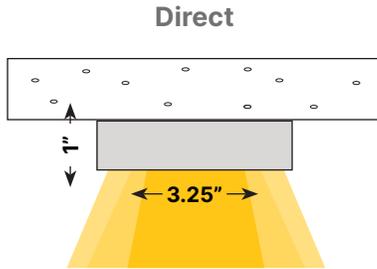
XICO®

Project Name _____

Fixture Type _____

3.25"
Scale

Standard Lens

Glare Reduction Lens
Low Glare (UGR<19)

Remote Driver
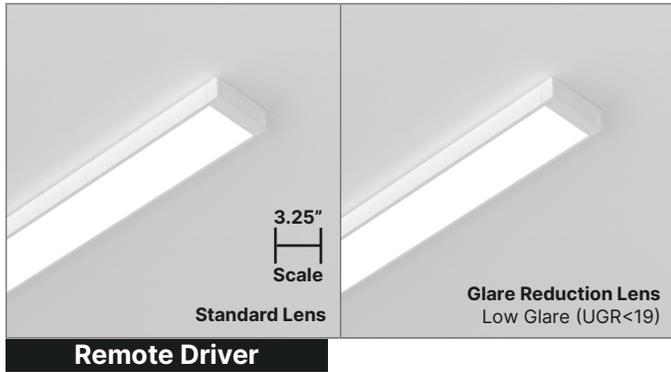
LIGHTING CONFIGURATIONS

Direct

1"

← 3.25" →

DESCRIPTION

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.

FEATURES & BENEFITS

Exceptional Performance
Up to 1,000 lm/ft, 135 lm/W efficacy. Low Glare (UGR<19) WELL Building Standard™ 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

FIXTURE ORDERING

Project Name _____ Fixture Type _____

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" Custom fixtures are available in 3" increments beyond standard lengths.	**Powder Coated** **PMW** - Matte White **PMB** - Matte Black **PMG** - Matte Gray **PRAL_** - Specify RAL # **Anodized** **ACL** - Clear Anodized **ACU_** - Custom Anodized #	**E1** - Flat End Cap **E2** - Chamfered End Cap

2) LED LIGHT ENGINE

CRI	CCT	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 Beam[1]	**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 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

4) FIXTURE MOUNTING & CONNECTIONS

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

1"

3.25"

Glare Reduction Lens

1"

3.25"
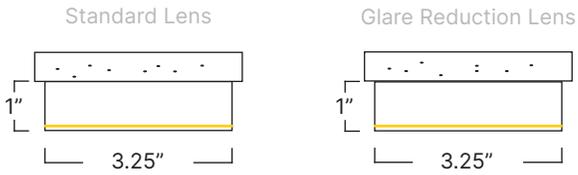
Standard Fixtures

2ft	23.05" / 23.4"
4ft	47.05" / 47.4"
6ft	71.05" / 71.4"
8ft	95.05" / 95.4"

Lens Length / Fixture Length

Mounting Type

T-Bar Mount   Installs into a ceiling grid system and mounts onto typical T-Bar elements.
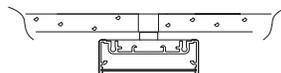
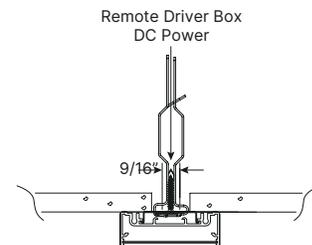**Surface Mount**   Installs onto a surface via a junction box or magnet.

Mounting Options

DJ - Drywall/J-Box Mount
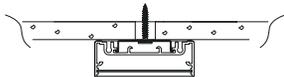
M1 - Magnet Mount

T1 - 9/16" Flat T-Bar Mount

Remote Driver Box
DC Power

9/16"

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

Remote Driver Box
DC Power

9/16"

T3 - 15/16" Flat T-Bar Mount

Remote Driver Box
DC Power
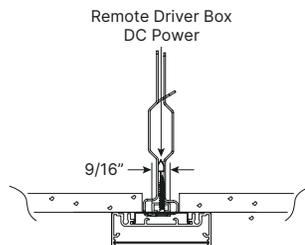
15/16"
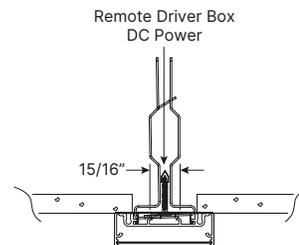
SMARTBEAM® TECHNOLOGY

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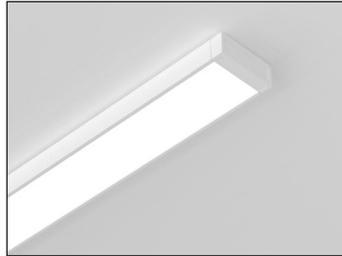
To learn more about our SmartBeam Technology, please click or scan the QR Code.

Direct Optics Choices
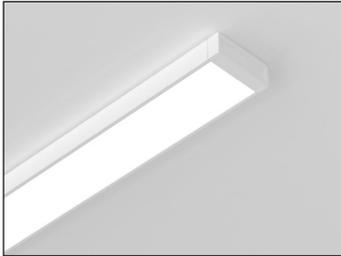
SL - Standard Lens

GRL - Glare Reduction Lens

DIRECT OPTICS	BEAM PATTERN		
	DLAM	**DBW65**	**DA5025**
Standard Lens	🟥	🟥	🟥
Glare Reduction Lens	🟨		

LPW Efficacy Conversion Chart

CODE	CCT SELECTED							
	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

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

Static White Light

DLAM: Lambertian

DBW65: Batwing 65°

DA5025: Asymmetric 50° at 25° Tilt
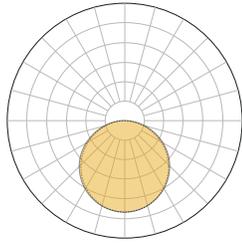
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	110
1000	9.1	109.9
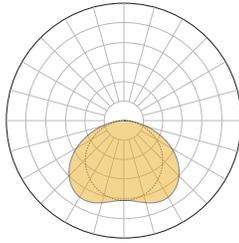
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	109
1000	9.1	109.9
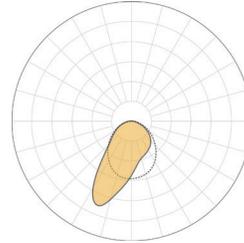
LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	142.9
750	5.3	141
1000	7.1	140.8

OPTICS CONFIGURATIONS

Standard Lens	Glare Reduction Lens
White Standard Lens	White Glare Reduction Lens
OSL	**GRL**

| 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.
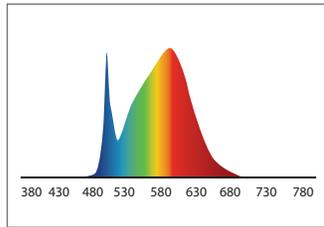
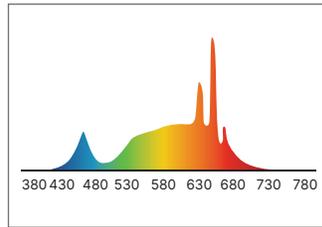| LM/FT	EDGESolo			
	ESO200	**ESO275**	**ESO325**	**ESO525**
350	🟨	🟨	🟨	🟨
400		🟨	🟨	🟨
500			🟨	🟨
750				🟨

LED OPTIONS

80: Standard 80+ CRI
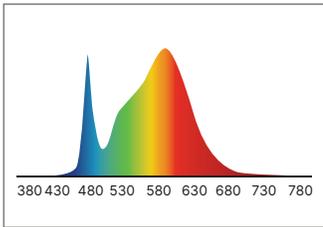
90: Standard 90+ CRI

95: High-Definition 95+CRI

SUN: Full Spectrum "SunLike"
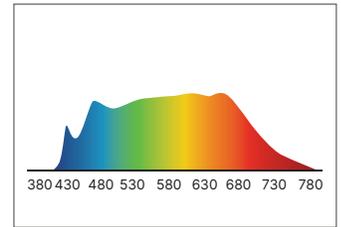
CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
95	High Definition 95 CRI	3500K	97.1	95	–	–	–	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	–	–	–	–	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

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