

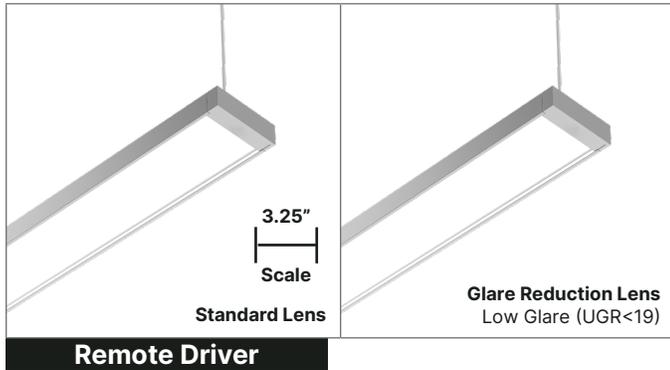
# EDGESolo325 Pendant

Direct, Indirect, Direct / Indirect | Standard Lengths



Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_



## DESCRIPTION

### 3.25" Edge-Lit Linear LED Pendant Mount

EDGESolo325 Pendant is an innovative low-profile LED luminaire designed to provide the perfect direct and indirect light. EDGE products all provide best-in-class efficiency and beam control options. EDGESolo325 Pendant is specification-grade with high lumen per foot, high CRI, and circadian options. EDGESolo325 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

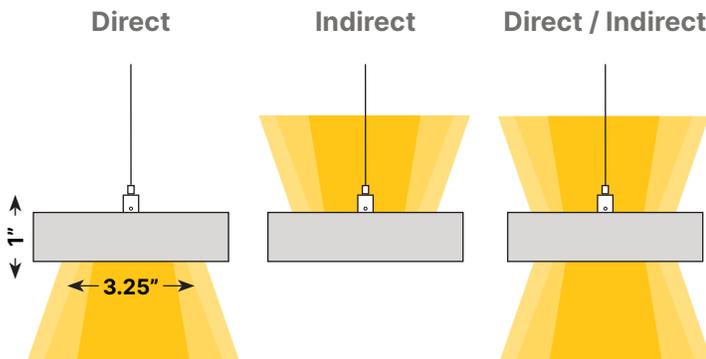
### Compliance

UL Listed, Dry and Damp Locations

### 5-Year Warranty

Standard 5-year warranty, 50,000 hours

## LIGHTING CONFIGURATIONS



Designed & Built in **BOSTON**

## FIXTURE ORDERING

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

### 1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE
<b>ESO325-P</b> 3.25" Edge-Lit Linear LED Pendant Mount	<b>2</b> - 2 ft <b>4</b> - 4 ft <b>6</b> - 6 ft <b>8</b> - 8 ft <b>X_</b> - Specify Ft', In"	<b>Powder Coated</b> <b>PMW</b> - Matte White <b>PMB</b> - Matte Black <b>PMG</b> - Matte Gray <b>PRAL_</b> - Specify RAL #	<b>E1</b> - Flat End Cap <b>E2</b> - Chamfered End Cap
	Custom fixtures are available in 3" increments beyond standard lengths.	<b>Anodized</b> <b>ACL</b> - Clear Anodized <b>ACU_</b> - Custom Anodized #	

### 2) LED LIGHT ENGINE

CRI	CCT	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT
<b>80</b> - Std. 80 CRI <b>90</b> - Std. 90 CRI <b>95</b> - High-Def. 95 CRI <b>SUN</b> - Full SunLike	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K <b>X_</b> - Specify CCT	<b>OSL</b> - Standard Lens	<b>NN</b> - Not Needed <b>DLAM</b> - Lambertian <b>DBW65</b> - Batwing 65° <b>DA5025</b> - Asym 50° at 25° Tilt <b>X_</b> - Specify Beam <sup>1</sup>	<b>NN</b> - Not Needed <b>35</b> - 350 lm/ft <b>50</b> - 500 lm/ft <b>75</b> - 750 lm/ft <b>100</b> - 1,000 lm/ft <b>X_</b> - Specify lm/ft
		<b>GRL</b> - Glare Reduction Lens (LEED certified and meets the WELL Building Standard™ with output less than 500 lm/ft)	<b>DLAM</b> - Lambertian	
INDIRECT BEAM PATTERN	INDIRECT OUTPUT	CIRCUIT		
<b>NN</b> - Not Needed <b>ILAM</b> - Lambertian <b>IBW120</b> - Batwing 120° <b>IFT150</b> - FlatTop 150° <b>IA6040</b> - Asym 60° at 40° Tilt <b>IA4560</b> - Asym 45° at 60° Tilt <b>X_</b> - Specify Beam <sup>1</sup>	<b>NN</b> - Not Needed <b>35</b> - 350 lm/ft <b>50</b> - 500 lm/ft <b>75</b> - 750 lm/ft <b>100</b> - 1,000 lm/ft <b>X_</b> - Specify lm/ft	<b>1CH</b> - 1 Circuit (Standard) <b>2CH</b> - Bi-Directional 2 Circuit (Optional)		

### 3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	REMOTE DRIVER (POWER) <sup>2</sup>
<b>UNV</b> - 120/277V <b>347</b> - 347V	<b>FDND</b> - Factory Non-Dimming <b>FD00</b> - Factory 0-10V 0.1% Dim <b>FD01</b> - Factory 0-10V 1% Dim <b>FD10</b> - Factory 0-10V 10% Dim <b>FDDA</b> - Factory DALI 0.1% Dim <b>FDDX</b> - Factory DMX Dim <b>FDTR</b> - Factory TRIAC Dim <b>LD01</b> - Lutron Hi-Lume 1% Dim <b>X_</b> - Specify Driver

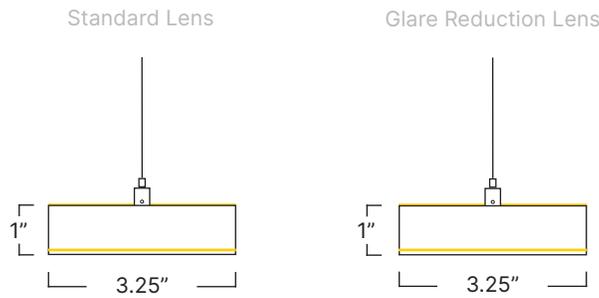
Footnotes: <sup>1</sup> Contact factory about custom beam options. <sup>2</sup> Standard driver box is included

4) FIXTURE MOUNTING & CONNECTIONS		
MOUNTING TYPE	CANOPY	POWER CORD
<p><b>DJ</b> - Drywall/J-Box Mount/Grid Ceiling Tile/Hard Ceiling Surface</p> <p><b>TC1</b> - 9/16" Flat T-Bar Mount</p> <p><b>TC2</b> - 9/16" Bolt Slot T-Bar Mount</p> <p><b>TC3</b> - 15/16" Flat T-Bar Mount</p> <p>TC1, TC2 and TC3 clips directly to grid t-bar.</p>	<p><b>RCW25</b> - 2" &amp; 5" Round Canopy, White (Standard)</p> <p><b>RCB25</b> - 2" &amp; 5" Round Canopy, Black</p> <p><b>RCW2</b> - 2" Round Canopy, White</p> <p><b>RCB2</b> - 2" Round Canopy, Black</p> <p><b>RCW5</b> - 5" Round Canopy, White</p> <p><b>RCB5</b> - 5" Round Canopy, Black</p> <p><b>SCW2</b> - 2" Square Canopy, White</p> <p><b>SCB2</b> - 2" Square Canopy, Black</p> <p><b>SCW5</b> - 5" Square Canopy, White</p> <p><b>SCB5</b> - 5" Square Canopy, Black</p>	<p><b>P48W</b> - 48" White Cord</p> <p><b>P48B</b> - 48" Black Cord</p> <p><b>P96W</b> - 96" White Cord</p> <p><b>P96B</b> - 96" Black Cord</p>

OPTIONAL	
EMERGENCY BACKUP	WIRELESS MODULE
<p><b>EMC</b> - Emergency Circuit</p> <p><b>EMB</b> - Emergency Battery (10W — Remote)</p> <p><b>X_</b> - Specify Backup</p> <p>Specify requirements at time of order.</p>	<p><b>WCN</b> - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)</p> <p><b>PIR</b> - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay &lt; 10')</p> <p><b>MW</b> - Wireless Communication Node + MW Sensor (Standard for Low Bay &lt; 10')</p> <p><b>X_</b> - Other – Specify Embedded Component or Specific Non-Standard Sensor Detection Range</p>

## DIMENSIONS & INSTALLATION

### Dimensions



### 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.

#### Drywall/J-Box Mount

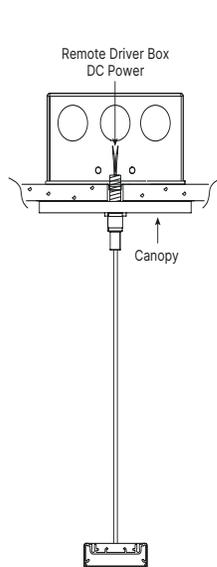
Installs onto a surface via a junction box. Mounts onto drywall, grid ceiling tiles and other hard ceiling surfaces.

### Mounting Options

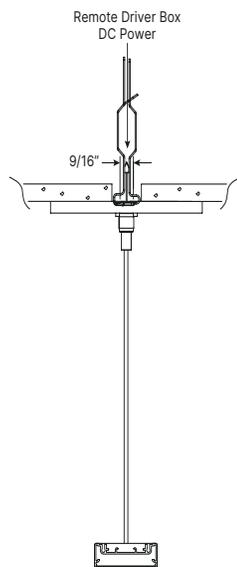
Typically suspended at a distance of between 24" and 72". Supplied hardware includes:

48" or 96" standard adjustable cord. Internal brackets to eliminate light leakage at joints. Choice of canopy size and color. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

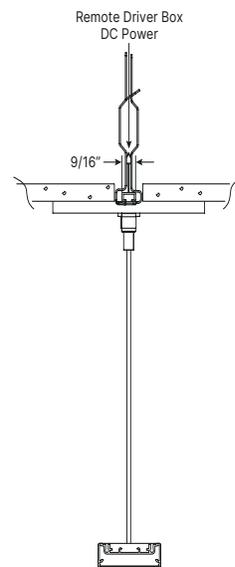
DJ - Drywall/J-Box Mount



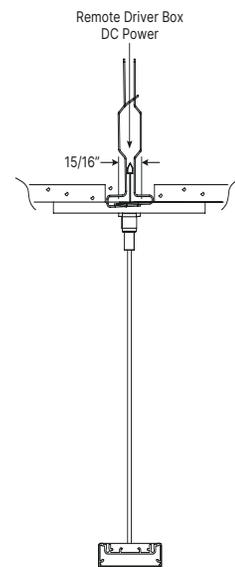
T1 - 9/16" Flat T-Bar Mount



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



T3 - 15/16" Flat T-Bar Mount



## SMARTBEAM® TECHNOLOGY

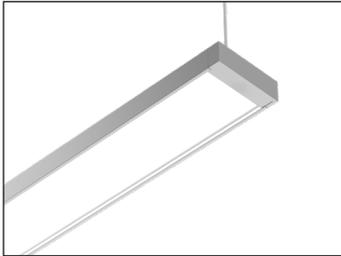
### The Ultimate Control of Lighting Distributions

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.

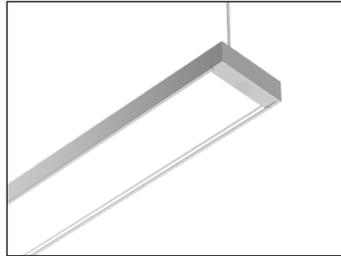
To learn more about our SmartBeam Technology, please click or scan the QR Code.



### Direct Optics Choices



SL - Standard Lens



GRL - Glare Reduction Lens

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

	INDIRECT				
	ILAM	IBW120	IFT150	IA6040	IA4560
LM/W	150	162	155	143	143

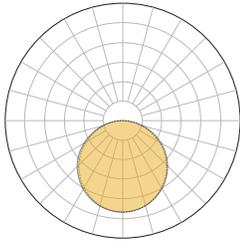
$$LM/W = \frac{\left( \begin{matrix} \text{DIRECT} \\ \text{LM/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{LM/FT} \end{matrix} \right)}{\left( \begin{matrix} \text{DIRECT} \\ \text{W/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{W/FT} \end{matrix} \right)}$$

## DIRECT PHOTOMETRICS

Static White Light

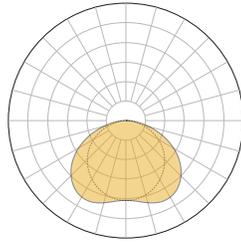
48" Length, 80+/3500K CRI/CCT, 3,000 Lumens

**DLAM:** Lambertian



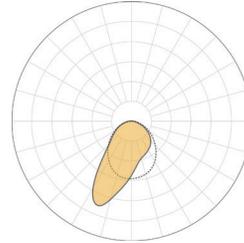
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	110
1000	9.1	109.9

**DBW65:** Batwing 65°



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

**DA5025:** Asymmetric 50° at 25° Tilt



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 <b>OSL</b>	White Glare Reduction Lens <b>GRL</b>

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.

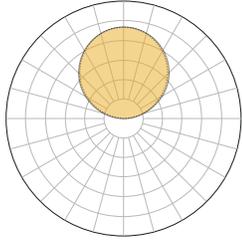
LM/FT	EDGESolo			
	ESO200	ESO275	ESO325	ESO525
350				
400				
500				
750				

## INDIRECT PHOTOMETRICS

Static White Light

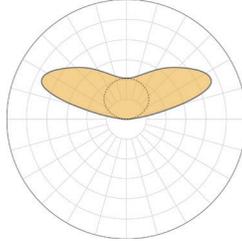
48" Length, 80+/3500K CRI/CCT, 4,000 Lumens

**ILAM:** Lambertian



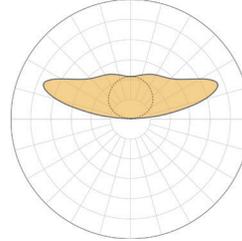
LM/FT	W/FT	LM/W
350	2.3	152.2
500	3.3	151.5
750	5	150
1000	6.7	149.3

**IBW120:** Batwing 120°



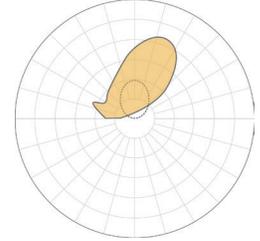
LM/FT	W/FT	LM/W
350	2.1	166.7
500	3.1	161.3
750	4.6	162
1000	6.1	163.9

**IFT150:** FlatTop 150°



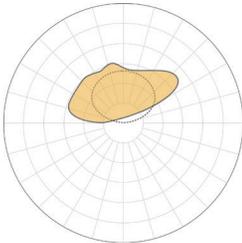
LM/FT	W/FT	LM/W
350	2.2	159.1
500	3.2	156.3
750	4.8	155
1000	6.4	156.3

**IA6040:** Asymmetric 60° at 40° Tilt



LM/FT	W/FT	LM/W
350	2.4	145.8
500	3.5	142.9
750	5.2	143
1000	6.9	144.9

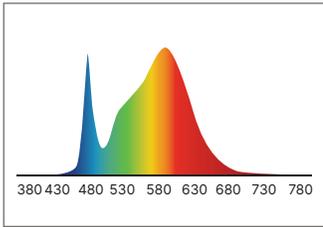
**IA4560:** Asymmetric 45° at 60° Tilt



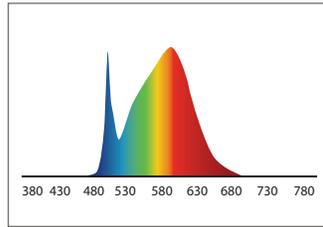
LM/FT	W/FT	LM/W
350	2.4	145.8
500	3.5	142.9
750	5.2	143
1000	6.9	144.9

## LED OPTIONS

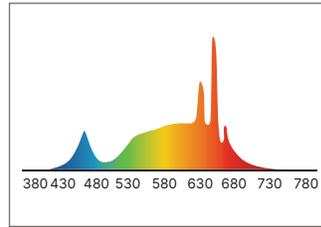
**80: Standard 80+ CRI**



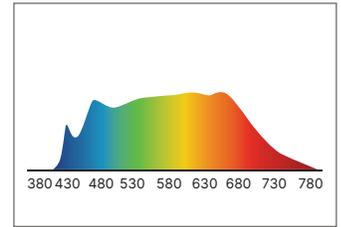
**90: Standard 90+ CRI**



**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 your projects needs.

### Compatible Control Options



