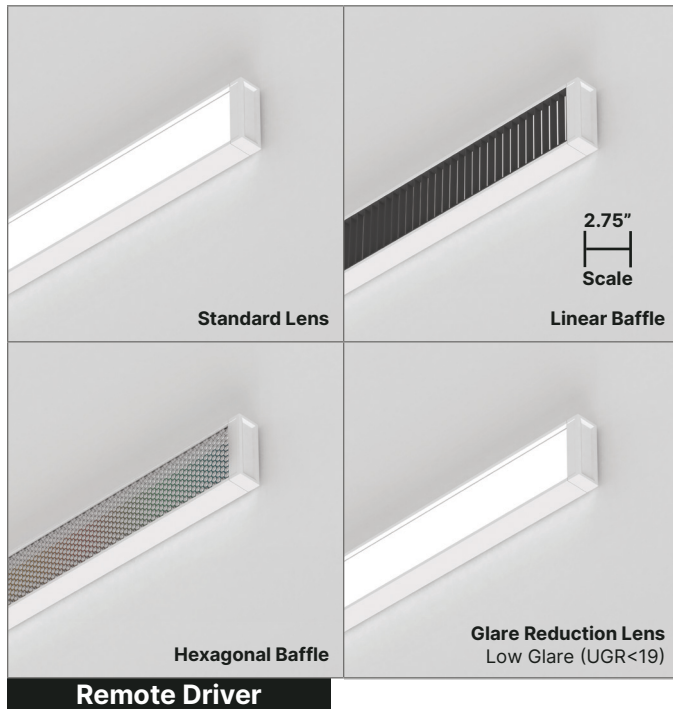


# EDGESolo275 Wall

Direct, Indirect, Direct / Indirect | Standard Lengths

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

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

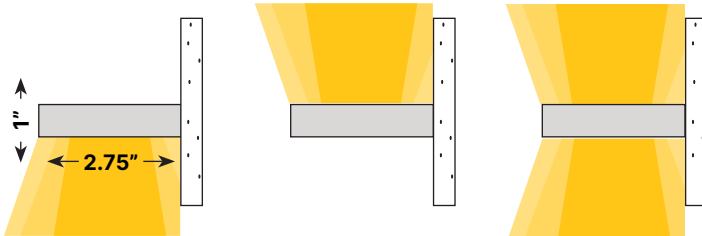


## LIGHTING CONFIGURATIONS

Direct

Indirect

Direct / Indirect



# XICO®

## DESCRIPTION

### 2.75" Edge-Lit Linear LED Wall Mount

EDGESolo275 Wall is an innovative low-profile wall-mounted LED luminaire designed to provide the perfect direct light. EDGE products all provide best-in-class efficiency and beam control options. EDGESolo275 Wall is specification-grade with high lumen per foot, high CRI, and circadian options. EDGESolo275 Wall 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 400 lm/ft.

### LED Selections

Static

### Designed with Options

Wide choice of SmartOptic® lenses, beam distributions, 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

Declare



bios



Designed & Built in  
**BOSTON**

### FIXTURE ORDERING

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

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

#### 1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE
<b>ESO2750-W</b> 2.75" Edge-Lit Linear LED Wall 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"  Custom fixtures are available in 3" increments beyond standard lengths.	<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>Anodized</b> <b>ACL</b> - Clear Anodized <b>ACU_</b> - Custom Anodized #	<b>E1</b> - Flat End Cap <b>E2</b> - Chamfered End Cap

#### 2) LED LIGHT ENGINE

CRI	CCT	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT
<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>WLB</b> - White Linear Baffle <sup>1</sup> <b>BLB</b> - Black Linear Baffle <sup>1</sup> <b>WHB</b> - White Hexagonal Baffle <sup>1</sup> <b>BHB</b> - Black Hexagonal Baffle <sup>1</sup> <b>CHB</b> - Chrome Hexagonal Baffle <sup>1</sup>  <b>GRL</b> - Glare Reduction Lens (LEED certified and meets the WELL Building Standard™ with output less than 400 lm/ft)	<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>2</sup>  <b>DLAM</b> - Lambertian	<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
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>2</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>3</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> Baffle lens options reduce efficacy. Contact factory for lm/W data. <sup>2</sup> Contact factory about custom beam options. <sup>3</sup> Standard driver box is included

**4) FIXTURE MOUNTING & CONNECTIONS**

STYLE	MOUNTING HARDWARE
<b>FM</b> - Flush Mount <b>SM</b> - Shelf Mount	<b>SWMB</b> - Stainless Steel Wall Mounting Bracket

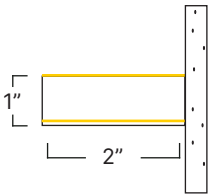
**OPTIONAL**

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

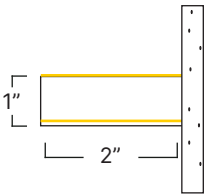
DIMENSIONS & INSTALLATION

Dimensions

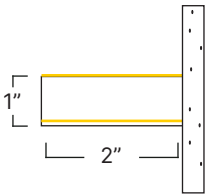
Standard Lens



Baffle Lens



Glare Reduction Lens



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

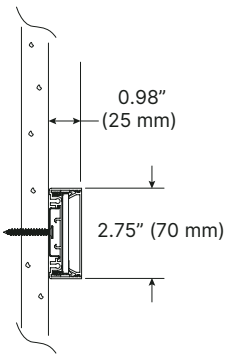
Mounting Type

Wall Mount

Installs onto wall. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Mounting Options

WM - Wall Mount



### SMARTBEAM® TECHNOLOGY

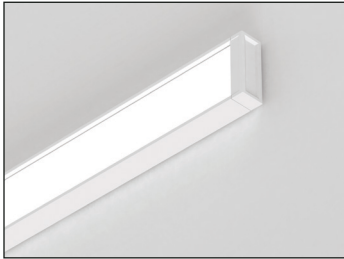
#### The Ultimate Control of Lighting Distributions

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.

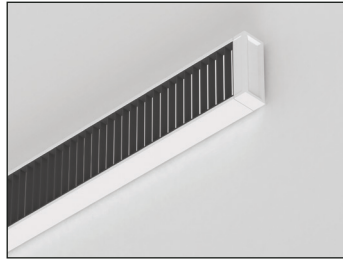
To learn more about our SmartBeam Technology, please click or scan the QR Code.



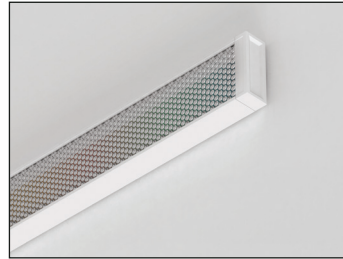
#### Direct Optics Choices



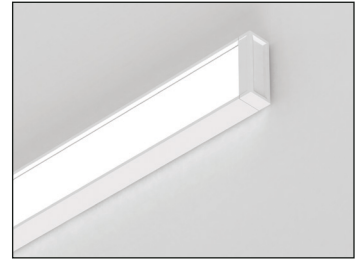
SL - Standard Lens



LB - Linear Baffle



HB - Hexagonal Baffle



GRL - Glare Reduction Lens

DIRECT OPTICS	BEAM PATTERN		
	DLAM	DBW65	DA5025
Standard Lens			
Linear Baffle			
Hexagonal Baffle			
Glare Reduction Lens			

#### LPW Efficacy Conversion Chart

CRI CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
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

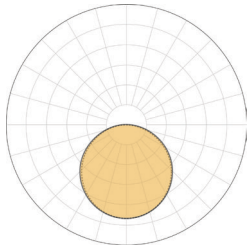
$$LM/W = \frac{\left( \begin{array}{c} \text{DIRECT} \\ \text{LM/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{LM/FT} \end{array} \right)}{\left( \begin{array}{c} \text{DIRECT} \\ \text{W/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{W/FT} \end{array} \right)}$$

## DIRECT PHOTOMETRICS

48" Length, 90+/3500K CRI/CCT, 3,000 Lumens

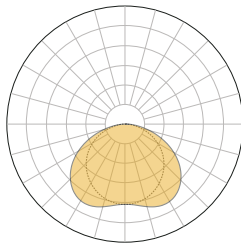
Static White Light

**DLAM:** Lambertian



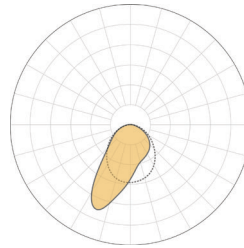
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	110
1000	9.1	109.9

**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

### COMPATIBLE OPTIC

FLUSH LENS	LINEAR BAFFLE	HEXAGONAL BAFFLE	GLARE REDUCTION LENS

## OPTICS CONFIGURATIONS

<b>Standard Lens</b>	<b>Linear Baffle</b>	<b>Hexagonal Baffle</b>	<b>Glare Reduction Lens</b>
White Standard Lens <b>OSL</b>	White Linear Baffle <b>WLB</b>	White Hexagonal Baffle <b>WHB</b>	White Glare Reduction Lens <b>GRL</b>
	Black Linear Baffle <b>BLB</b>	Black Hexagonal Baffle <b>BHB</b>	
		Chrome Hexagonal Baffle <b>CHB</b>	

## 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.

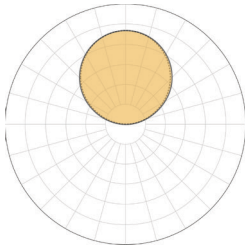
LM/FT	EDGESolo			
	ESO200	ESO275	ESO325	ESO525
350				
400				
500				
750				

INDIRECT PHOTOMETRICS

Static White Light

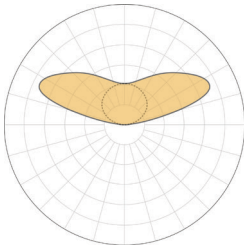
48" Length, 90+/3500K CRI/CCT, 4,000 Lumens

ILAM: Lambertian



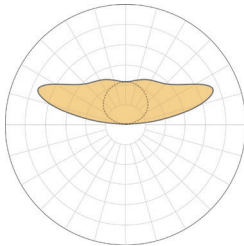
LM/FT	W/FT	LM/W
350	2.3	152.2
500	3.3	151.5
750	5	150
1000	6.7	149.3

IBW120: Batwing 120°



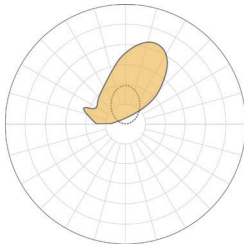
LM/FT	W/FT	LM/W
350	2.1	166.7
500	3.1	161.3
750	4.6	162
1000	6.1	163.9

IFT150: FlatTop 150°



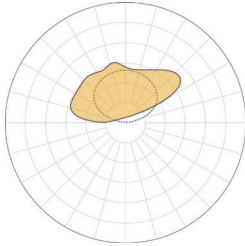
LM/FT	W/FT	LM/W
350	2.2	159.1
500	3.2	156.3
750	4.8	155
1000	6.4	156.3

IA6040: Asymmetric 60° at 40° Tilt



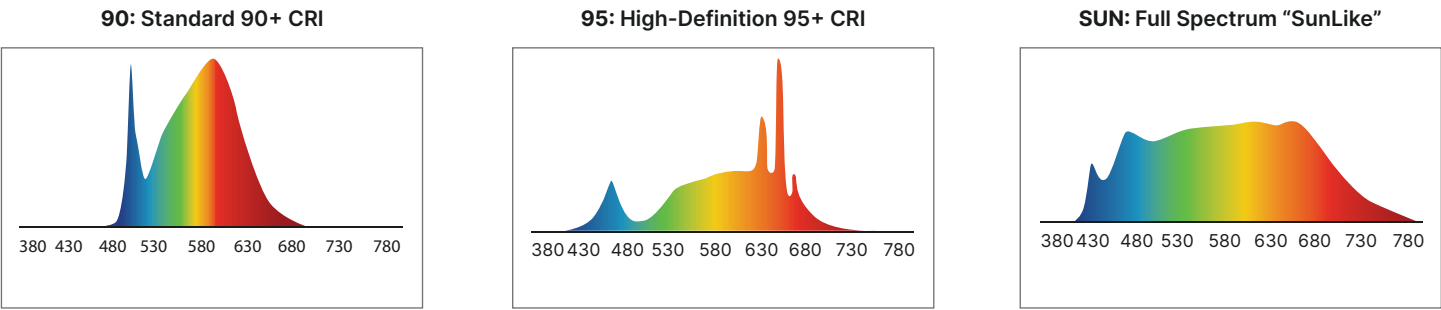
LM/FT	W/FT	LM/W
350	2.4	145.8
500	3.5	142.9
750	5.2	143
1000	6.9	144.9

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



CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
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 project's needs.

### Compatible Control Options



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