

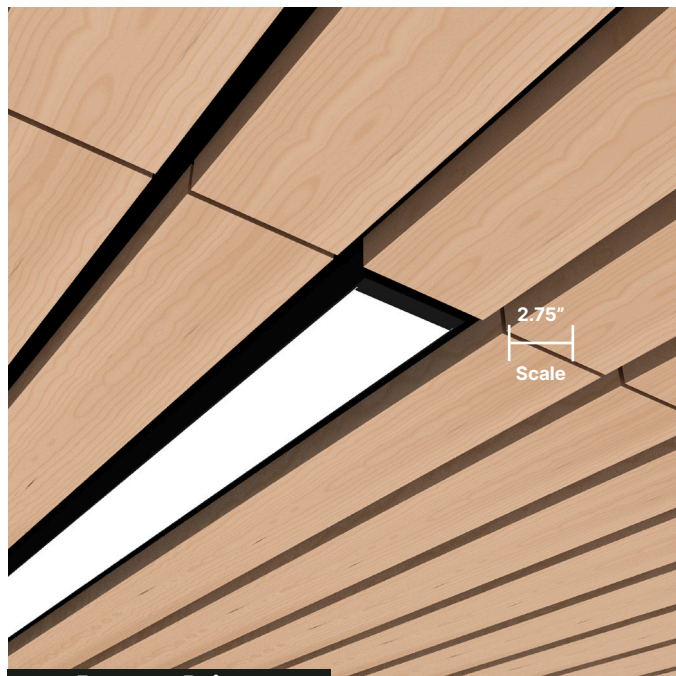
EDGESolo275 Woodworks®

XICO®

Direct | Standard Lengths

Project Name _____

Fixture Type _____



DESCRIPTION

2.75" x 1.0" Edge-Lit Linear for Wood Ceiling Grids

EDGESolo275 Woodworks is an innovative low-profile LED luminaire designed to fit within a 2.75" space between grills in an Armstrong Woodworks Ceiling panel. EDGESolo275 Woodworks is only 1" high and provides the perfect direct light with a range of symmetric and asymmetric lighting distributions available. EDGE products all provide best-in-class efficiency and beam control options. EDGESolo275 Woodworks is specification-grade with high lumen per foot, high CRI, and circadian options. EDGESolo275 Woodworks 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, 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

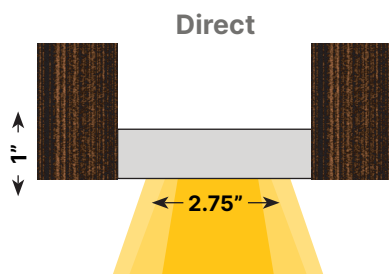
Compliance

UL Listed, Dry and Damp Locations

5-Year Warranty

Standard 5-year warranty, 50,000 hours

LIGHTING CONFIGURATIONS



Declare



bios



Designed & Built in
BOSTON

FIXTURE ORDERING

Project Name _____

Fixture Type _____

1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE
ESO275-WW 2.75" Aperature Linear Downlight for Wood Ceiling Grids	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 WLB - White Linear Baffle¹ BLB - Black Linear Baffle¹ WHB - White Hexagonal Baffle¹ BHB - Black Hexagonal Baffle¹ CHB - Chrome Hexagonal Baffle¹ GRL - Glare Reduction Lens (LEED certified and meets the WELL Building Standard™ with output less than 400 lm/ft)	DLAM - Lambertian DBW65 - Batwing 65° DA5025 - Asym 50° at 25° Tilt X_ - Specify Beam²	35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	REMOTE DRIVER (POWER)³	
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 Baffle lens options reduce efficacy. Contact factory for lm/W data. ² Contact factory about custom beam options. ³ Standard driver box is included

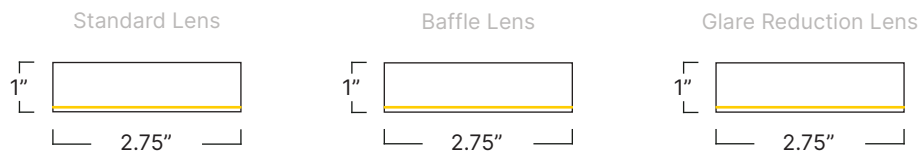
4) FIXTURE MOUNTING & CONNECTIONS

WOODWORKS TYPE	MOUNTING KIT	POWER CORD
A1 - Grille Classic A2 - Grille Tegular 9/16" A3 - Grille Tegular 15/16" A4 - Grille Forte A5 - Linear Solid Wood Panels A6 - Linear Veneered Panels	WW225 - XICO Integration Clip Slat Hgt 2.25" WW325 - XICO Integration Clip Slat Hgt 3.25" WW425 - XICO Integration Clip Slat Hgt 4.25" WW40T - XICO Integration Clip Turf UNV	P24W - 24" White Cable Kit P24B - 24" Black Cable Kit

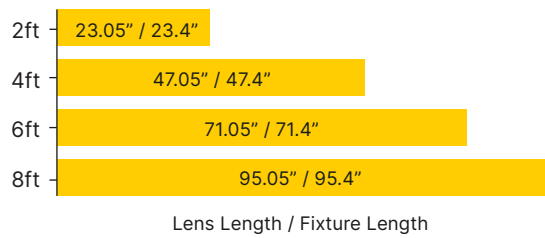
OPTIONAL	
EMERGENCY BACKUP	WIRELESS MODULE
<p>EMC - Emergency Circuit EMB - Emergency Battery (10W — Remote) X_ - Specify Backup</p> <p>Specify requirements at time of order.</p>	<p>WCN - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box) PIR - Wireless Communication Node + 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</p>

DIMENSIONS & INSTALLATION

Dimensions



Standard Fixtures



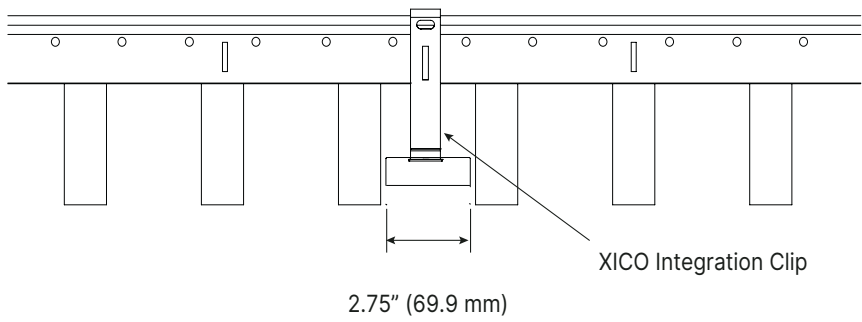
Mounting Type

Woodworks Integration

Installs into a wood slat cavity via an integration clip. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Mounting Options

Mounting Method



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

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

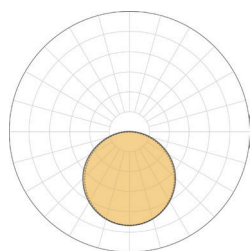
	DIRECT		
	DLAM	DBW65	DA5025
LM/W	110	109	141

DIRECT PHOTOMETRICS

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

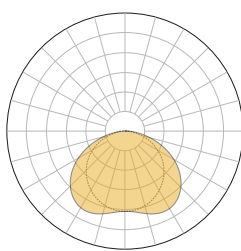
Static White Light

DLAM: Lambertian



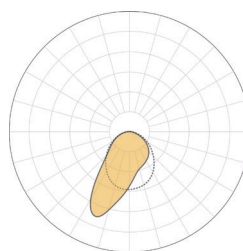
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.5	111.1
750	6.8	110
1000	9.1	109.9

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

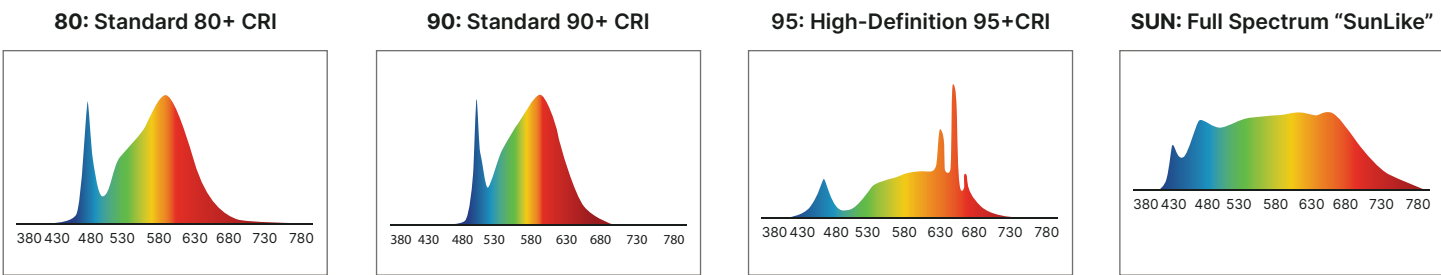
Standard Lens	Linear Baffle	Hexagonal Baffle	Glare Reduction Lens
White Standard Lens OSL	White Linear Baffle WLB	White Hexagonal Baffle WHB	White Glare Reduction Lens GRL
	Black Linear Baffle BLB	Black Hexagonal Baffle BHB	
		Chrome Hexagonal Baffle CHB	

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



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 project's needs.

Compatible Control Options



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