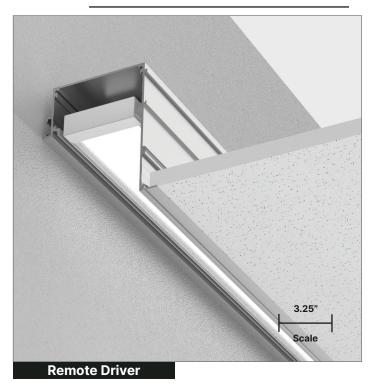
EDGESolo325 Recessed

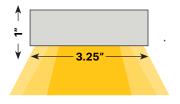


Direct | Standard Lengths

Project Name



LIGHTING CONFIGURATIONS



Fixture Type

DESCRIPTION

3.25" Edge-Lit Linear LED Recessed Mount

EDGESolo325 Recessed 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 Recessed is specification-grade with high lumen per foot, high CRI, and circadian options. EDGESolo325 Recessed 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 $^{\text{TM}}$ 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, 2200K 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**



FIXTURE ORDERING

Project Name Fixture Type

1) FIXTURE DESIGN				
PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE	
ESO325-R 3.25" Edge-Lit Linear LED Recessed 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	Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL Specify RAL # Anodized ACL - Clear Anodized	E1 - Flat End Cap E2 - Chamfered End Cap	
	standard lengths.	ACU Custom Anodized #		

2) LED LIGHT ENG	SINE			
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 POWE	R & 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		
P24W - 24" White Cable Kit		

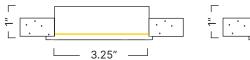
OPTIONAL				
EMERGENCY BACKUP	WIRELESS MODULE			
EMC - Emergency Circuit	WCN - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)			
EMB - Emergency Battery (10W — Remote) X Specify Backup	PIR - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')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

Glare Reduction Lens





Standard Fixtures



Lens Length / Fixture Length

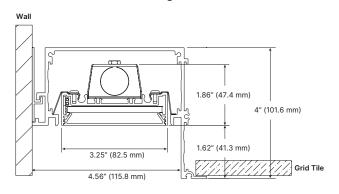
Mounting Type

Recessed Mount

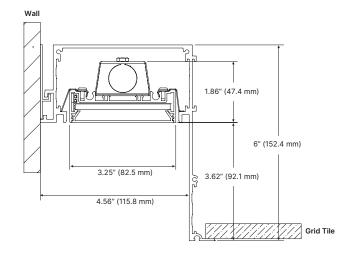
Installs into Armstrong AXIOM Direct Light Cove. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Mounting Options

AXIOM Direct Light Cove - 4"x 4"



AXIOM Direct Light Cove - 4"x 6"



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

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

LPW Efficacy Conversion Chart

CRI	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

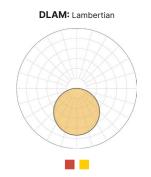
LPW Performance

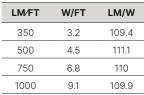
	DIRECT		
	DLAM	DBW65	DA5025
LM/W	110	109	141

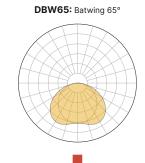
DIRECT PHOTOMETRICS

Static White Light

48" Length, HE80 LED, 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 Standard Lens OSL		White Glare	Redu GRL	uction Lens

COMPATIBLE OPTIC				
FLUSH LENS GLARE REDUCTION LENS				

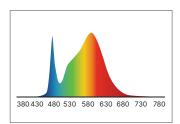
WELL Building Standard™ and LEED Certification

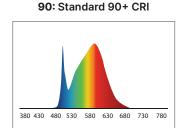
EDGESolo products are LEED certified and meet the WELL Building Standard™ for low glare (UGR <19) when specified with a low-glare lens option and configured at or below maximum lumen-per-foot output. Refer to the chart below for qualifying configurations and performance data.

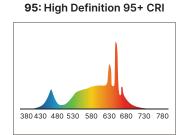
	EDGESolo							
LM/FT	ESO200	ESO275	ESO325	ESO525				
350								
400								
500								
750								

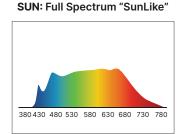
LED OPTIONS

80: Standard 80+ CRI









		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







XICO.

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 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

