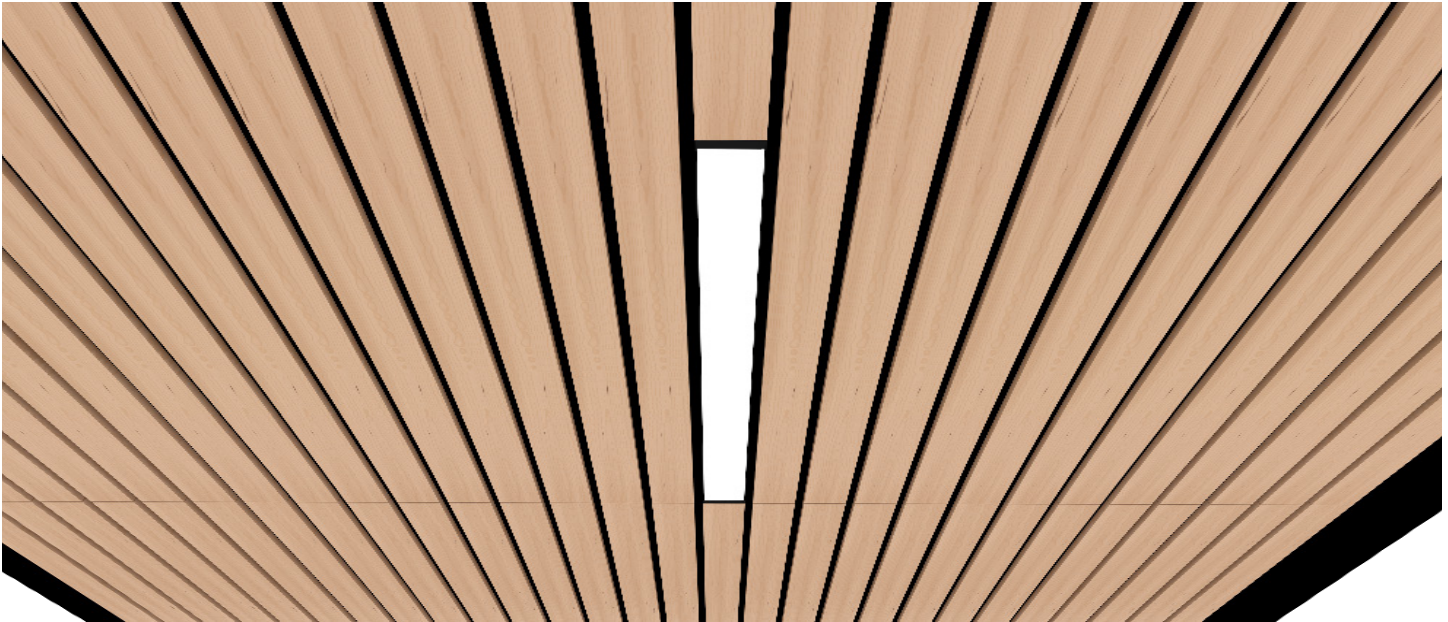


# EDGESolo525 Woodworks®

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



Remote Driver

## Features & Benefits

### Exceptional Performance

5.25" x 1.0" form factor; up to 1,000 lm/ft at >135 lm/W

### Wide Range of LED Selections

Static and Tunable White. Choice of 80/90/95+ CRI, 2200K to 5000K CCT, including dim-to-warm.

### Light Distributions and Controls Options

Wide choice of SmartOptic® lenses, beam distributions, 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

### 1) FIXTURE DESIGN

Fixture Type

PRODUCT	MOUNTING TYPE	LENGTH	END CAP	FINISH
<b>ESO525-WW</b>				
5.25" Aperature Linear Downlight for Woodworks Ceiling Grids	<b>A1</b> Grille Classic <b>A2</b> Grille Tegular 9/16" <b>A3</b> Grille Tegular 15/16" <b>A4</b> Grille Forte <b>A5</b> Linear Solid Wood Panels <b>A6</b> Linear Veneered Panels	<b>2FT</b> 2ft nominal <b>4FT</b> 4ft nominal <b>6FT</b> 6ft nominal <b>8FT</b> 8ft nominal <b>X_</b> Specify X, Y"	<b>E1</b> Flat style end cap <b>E2</b> Chamfered decorative style end cap	<b>MWH</b> Matte White (RAL9003) <b>MBK</b> Matte Black (RAL9005) <b>MGR</b> Matte Gray (RAL7001) <b>CAE</b> Clear Anodised Effect <b>RAL_</b> Specify RAL#

### 2) LIGHT ENGINE & OPTICS

CRI	CCT	OPTIC	DIRECT BEAM PATTERN	DIRECT OUTPUT
<b>S80</b> Std. 80 CRI <b>S90</b> Std. 90 CRI <b>HE80</b> High-Eff. 80 CRI <b>HE90</b> High-Eff. 90 CRI <b>HD95</b> High-Def. 95 CRI <b>SUN</b> Full SunLike	<b>22</b> 2200K <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>50</b> 5000K  <b>X_</b> Specify CCT	<b>ORL</b> Regressed Lens	<b>DLAM</b> Lambertian <b>DBW65</b> Batwing 65° <b>DM70</b> Medium 70° <b>DM50</b> Medium 50° <b>DA5025</b> Asymmetric 50° at 25° Tilt  <b>X_</b> Specify Beam	<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>125</b> 1,250 lm/ft  <b>X_</b> Specify lm/ft

### 3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	REMOTE DRIVER (POWER)	REMOTE DRIVER BOX <sup>1</sup>	EMERGENCY BACKUP	CONTROL SYSTEM <sup>3</sup>
<b>UNV</b> 120/277V <b>347</b> 347V	<b>FDND</b> Factory Non-Dimming <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>LD05</b> Lutron 5-Series 5% Dim <b>ED00</b> eldoLED 0-10V 0.1% Dim <b>ED01</b> eldoLED 0-10V 1% Dim <b>EDDA</b> eldoLED DALI 0.1% Dim  <b>X_</b> Specify Driver	<b>NN</b> Not Needed <b>RLDB<sup>2</sup></b> Remote Linear Driver Box (driver included by default) <b>RX2D<sup>2</sup></b> Optional Remote XBox2 Driver, Up to 2 Drivers <b>RX3D<sup>2</sup></b> Optional Remote XBox3 Driver, Up to 3 Drivers <b>RX5D<sup>2</sup></b> Optional Remote XBox5 Driver, Up to 5 Drivers	<b>NN</b> Not Needed <b>EMC</b> Emergency Circuit <b>EMB</b> Emergency Battery (10 W — Remote)  <b>X_</b> Specify Backup	<b>NN</b> Not Needed <b>LUT</b> Lutron <b>COO</b> Cooper <b>CAS</b> Casambi  <b>X_</b> Specify Control System

### 4) CONNECTIONS & ACCESSORIES

POWER CORD	MOUNTING KIT
<b>S24WH</b> 24" White Cable Kit <b>S24BK</b> 24" Black Cable Kit	<b>SXIC</b> Stainless Steel XICO Integration Clip

Footnotes: <sup>1</sup> Remote distance is dependent on driver type, up to 100' (30.5 m). <sup>2</sup> Creates a clean and organized power solution for multiple fixture installations.  
<sup>3</sup> The control system and driver must be compatible.

Footnotes: <sup>1</sup> Continuous Regressed Lens ships on a roll for seamless lens installation. <sup>2</sup> Remote distance is dependent on driver type, up to 100' (30.5 m).  
<sup>3</sup> Creates a clean and organized power solution for multiple fixture installations. <sup>4</sup> The control system and driver must be compatible.

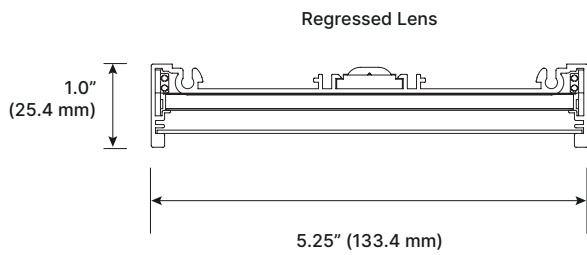
Project Name

Fixture Type

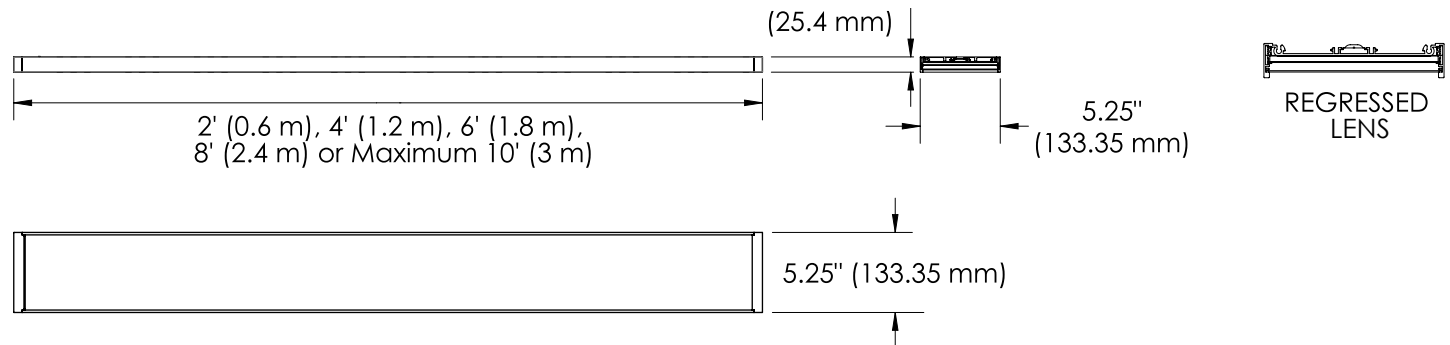
NOTES

**FIXTURE DESIGN**

**Cross Section**



**Linear Dimensions**



## DESIGN CHOICES

### Finish

#### Housing Colors (Matte Finish)



White (RAL9003)



Black (RAL9005)



Gray (RAL7001)



Clear Anodized Effect



Custom RAL



To download BIM (Revit) Files, please click or scan the QR Code.

### Housing Material

6063-T5 extruded, recycled aluminum

### Mounting Brackets

Sheet metal

### End Cap

#### End Cap Option

Chamfered

#### End Cap Material

Machined or cast aluminum

### Optic

#### Lens Option

Regressed, Regressed with Baffle or Flush Lens

#### Lens Material

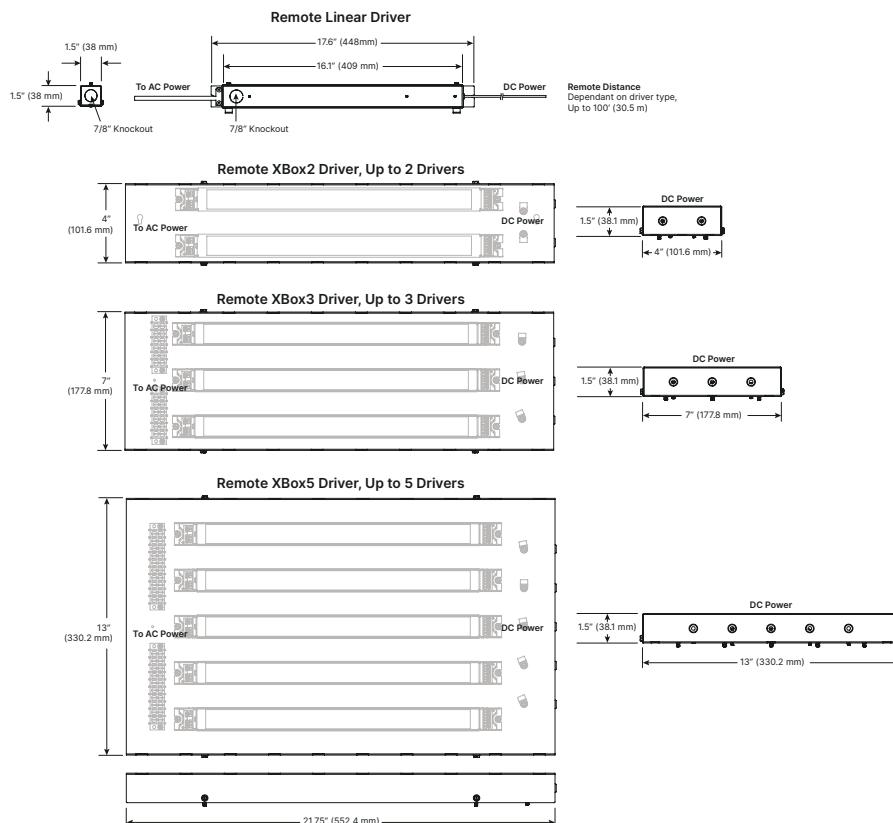
Patented SmartOptics® made from Acrylic (PMMA)

### Voltage

#### Fixture Voltage (AC)

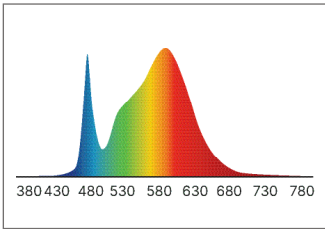
120–277 VAC and 347 VAC, 50/60 Hz

### Remote Driver Housings

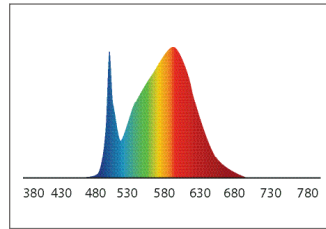


### LED SELECTION GUIDE

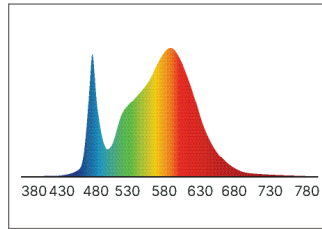
**S80: Standard 80+ CRI**



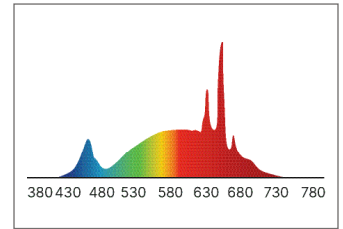
**S90: Standard 90+ CRI**



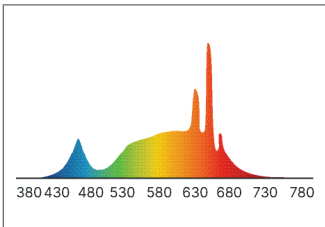
**HE80: High-Efficiency 80+ CRI**



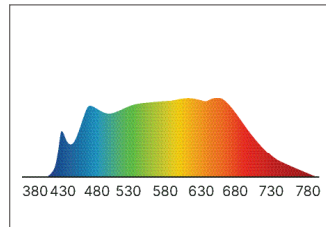
**HE90: High-Efficiency 90+ CRI**



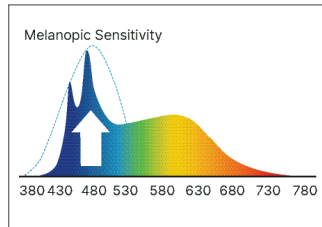
**HD95: High-Definition 95+ CRI**



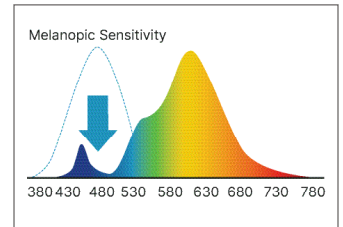
**SUN: Full Spectrum "SunLike"**



**HCD: Human Centric Day**



**HCN: Human Centric Night**



#### Static White Light (LED Light Engine Only)

CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
S80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
S90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
HE80	High Efficiency 80 CRI	3500K	82.1	5.9	83	94.2	81.2	0.52	210
HE90	High Efficiency 90 CRI	3500K	92.2	90	90.7	103.8	92.1	0.56	190
HD95	High Definition 95 CRI	3500K	97.1	95	-	-	-	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	-	-	-	-	130
HCD	Human Centric Day	4000K	83	95	-	-	-	0.92	155
HCN	Human Centric Night	2700K	80	-	-	-	-	0.44	134

#### LPW Efficacy Conversion Chart

CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	-	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	-	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	-	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN95	-	0.90	0.92	1.00	1.01	1.07	1.04	1.05
HCD	-	N/A	0.96	1.00	1.04	1.04	1.04	1.04
HCN	-	0.87	0.96	1.00	1.04	N/A	N/A	N/A

## BIOS TECHNOLOGY

### Choosing Your BIOS Solution

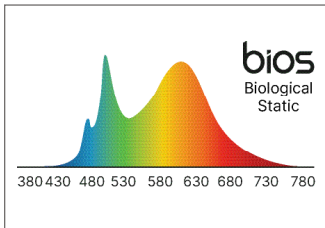
BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural color temperatures.



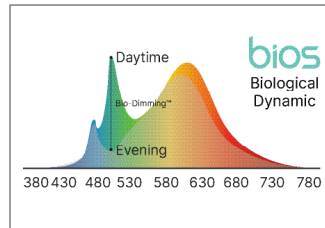
To learn more about BIOS Technology, please click or scan the QR Code.



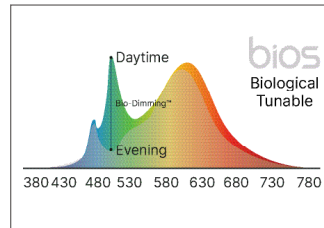
**BIOS Static**



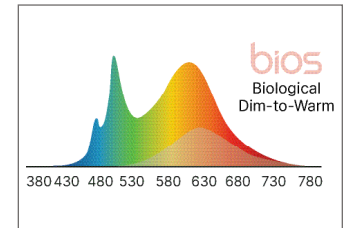
**BIOS Dynamic**



**BIOS Tunable**



**BIOS Dim-to-Warm**



#### Daytime

No color change when dimmed

Spaces that operate during daytime hours — 7am and 7pm

#### Daytime & Evening

500K shift when dimmed

Spaces that operate overnight — after 7pm and before 7am

#### Daytime & Evening

Dims to 2700K

Spaces that operate with overnight shifts — after 7pm and before 7am

#### Daytime & Evening

Dims from cool to warm

Spaces where people sleep — after 7pm and before 7am

### Circadian and Human Centric Light

CODE	DESCRIPTION	BIO-DIMMING MODULE TECHNOLOGY GUIDE					
		Driver	Driver Voltage	CCT	Requires BIO-Dimming Module	Lighting Control	BIOS SkyBlue (490nm)
SBIOS	BIOS Static	DIM1	0-10V Dimming to 1% Dim-to-Dark	No CCT Change	No	Intensity Dimming Control Only	Always Present
DBIOS	BIOS Dynamic	BIODIM1	0-10V Intensity Dimming to 1% Dim-to-Dark	500K Shift	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DBIOS-2	BIOS Dynamic (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
TBIOS	BIOS Tunable	ATW / DTW	0-10V Control of Intensity & CCT on Separate 2 Channels / DALI Control of Intensity & CCT on Separate 2 Channels	Dims to 2700K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
TBIOS-2	BIOS Tunable (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
DWBIOS	BIOS Dim-to-Warm	-	-	Dims to 2200K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DWBIOS-2	BIOS Dim-to-Warm (Two Channel)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"

## FIXTURE POWER & CONTROLS

### Voltage

**LED Driver** Factory Selected, 36–39V Constant Current

### Emergency Backup

**Backup Types** Emergency Circuit, Emergency Battery (Remote), and other emergency backups are available

**Wiring** Typically the Emergency Backup is wired to 48" sections

**Power** 10 W

**Illumination Time** 90 minutes

### Partners



### Control Systems

#### Other

### Remote Drivers (Sold Separately)

Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory DMX Dim, Factory TRIAC Dim, eldoLED 0-10V 0.1% Dim, eldoLED 0-10V 1% Dim, eldoLED DALI 0.1% Dim, and other drivers are available, consult factory (not all integral)

#### Lutron

Hi-Lume 1% Dimming and 5-Series 5% Dimming

#### Cooper

Compatible driver

#### Casambi (wireless)

Compatible driver

### 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.

## FIXTURE MOUNTING & CONNECTIONS

### Mounting Type

**Woodworks Integration**

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

### Power Cords

**24" Cable Kit**

White and Black

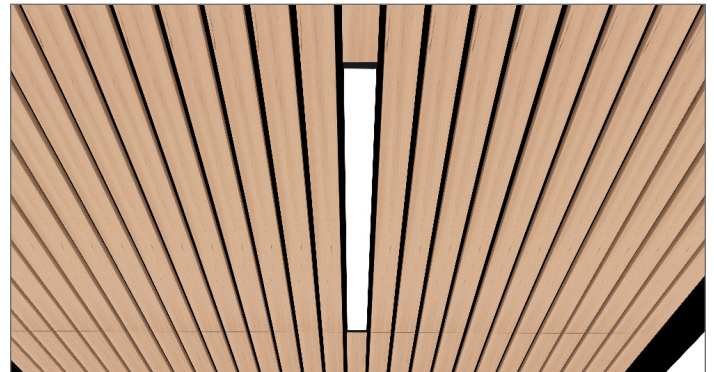
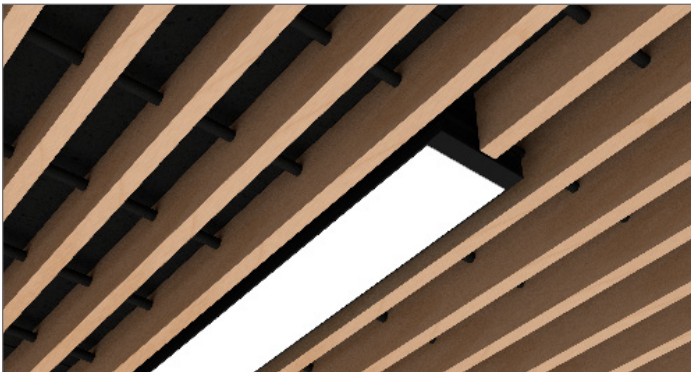
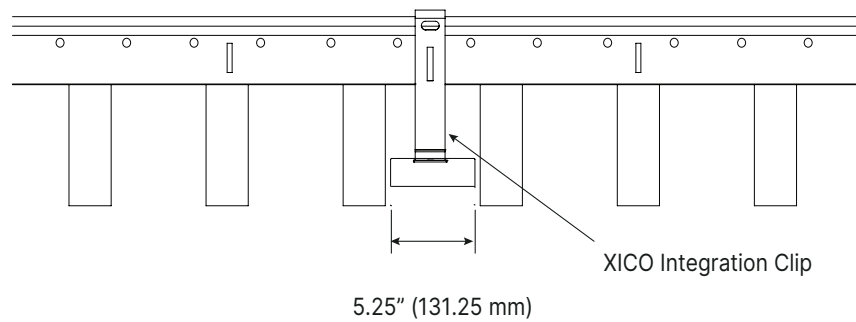
### Mounting Kit

**Surface Mounting Bracket**

Stainless Steel

### Mounting Options

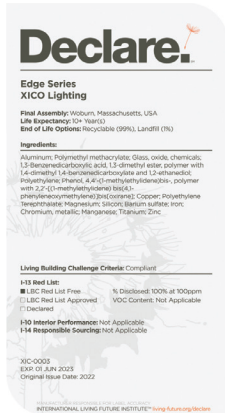
#### Mounting Method



ARMSTRONG® WOODWORKS®	TYPE		
	SOLO200	SOLO325	SOLO525
WoodWorks® Grille Classic	•	•	•
WoodWorks® Grille Tegular 9/16"	•	•	•
WoodWorks® Grille Tegular 15/16"	•	•	•
WoodWorks® Grille Forte	•	•	•
WoodWorks® Linear Solid Wood panels	•	•	•
WoodWorks® Linear Veneered panels		•	•



**STANDARDS & CERTIFICATIONS**



**Declare Listed**

Declare labels provide a quick and reliable way to make choices about the environmental footprint and safety of the product. Declare is internationally recognized and the labels can be found on the product, product packaging, or company website. Visit [xicoled.com](http://xicoled.com) for Declare Listed details.



**Red List Free**

An industry standard certification for LED lighting products based on the International Living Future Institute (ILFI). These products only use materials based on the “Red List of Toxic Chemicals” (a list of chemicals and materials known to be hazardous to people and/or the Earth) that are safe, healthy, and environmentally sustainable.

**Certifications**

**Compliance**

BABAA & TAA compliant in-house manufacturing in Boston, MA with North American supply chain

**Certifications**



**Sustainability**

Declare Listed and Red List Free

**Packaging**

Low carbon, environmentally conscious packaging and shipping methods

**Environmental Suitability**

**IP Rating**

Suitable for Dry and Damp Locations, indoor use only

**Recyclable**

SmartOptics and all powder coated and anodized parts are fully recyclable at end of life

**Reliability**

**Manufacturing**

All XICO products and associated optics and LED engines are assembled at our factory in Woburn, MA

**Quality Assurance**

Each product is engineered reliability and quality assurance tested

**Warranty & Terms**

**5-YR Warranty**

**Business Terms**



For details on our warranty and business terms, please click or scan the QR Code.

**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.

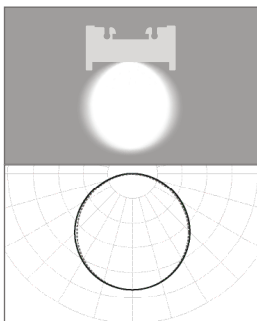


**DIRECT PHOTOMETRICS**

OPTIC	BEAM PATTERN				
	DLAM	DBW65	DM70	DM50	DA5025
Regressed Lens	●	●	●	●	●
Flush Lens	●				

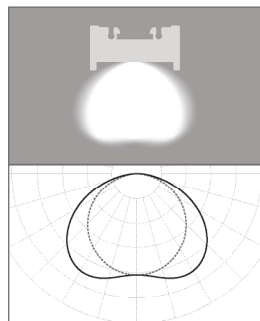
**Static White Light**

**DLAM:** Lambertian



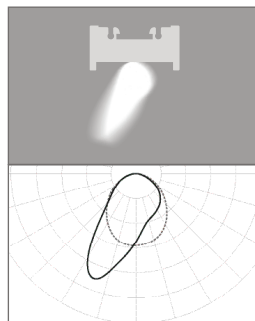
**Length** 48"  
**LED** HE80  
**CRI/CCT** 80+/3500K  
**Lumens** 3,000  
**lm/ft** 746  
**Watts** 27  
**W/ft** 6.8  
**LPW** 110

**DBW65:** Batwing 65°



**Length** 48"  
**LED** HE80  
**CRI/CCT** 80+/3500K  
**Lumens** 3,000  
**lm/ft** 743  
**Watts** 27  
**W/ft** 6.8  
**LPW** 109

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



**Length** 48"  
**LED** HE80  
**CRI/CCT** 80+/3500K  
**Lumens** 3,000  
**lm/ft** 738  
**Watts** 10.5  
**W/ft** 5.3  
**LPW** 141

**PATENTS & TRADEMARKS**



To learn more about our unique technologies, please click or scan the QR Code.

**Utility Patents**

<b>United States</b>	US11543582, US11520097, US11512466, US11441749, US11396751, US11333822, US11163104, US11156762, US10852466, US10068447, US8953926, US8948564, US8911099, US8876348, US8794812, US8783898, US8761565, US8750671, US8721152, US8619363, US8430548, US8408775, US8249408, US8231256, US8177408, US8033706, US8033674, US7991257, US7914192, US7784954, US7758227, US7722224, US7542635, US7453636, US7453635, US7431489, US7408707, US7278775, US6369944, US6346311, US6123877, US5932342, US5837346, US20220373144, US20220372752, US20220364708, US20220357006, US20220357005, US20220342141, US20220290432, US20220206210A1, US20220171119A1, US20220171115A1, US20220162856A1, US20220162853A1, US20220146063A1, US20220137287, US20210301991A1, US20200355345A1, US20200217071A1, US20220333765A1, US20220228366A1, US20220196906A1, US20220010554A1, US20080043490A1, US20060290253A1, US20060215958A1, US20120321247, US20120250330, US20120099204
<b>Canada</b>	CA2702600, CA2702685, CA2702690
<b>France</b>	FREP0800658
<b>Germany</b>	DEEP0800658
<b>Great Britain</b>	GB2492541, GB2492542, GBEP0800658, GB2492398
<b>Japan</b>	JP03958359
<b>Netherlands</b>	NLEP0800658
<b>Taiwan</b>	FTW360813B
<b>European Patent Organization</b>	EP0843203, EP0843203

**Design Patents**

<b>United States</b>	USD719282, USD717973, USD669606, USD669608, USD669609, USD669614, USD663056
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**The Patent Corporation Treaty**

<b>World Intellectual Property Organization</b>	WO2015200268
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**Trademarks**

<b>United States</b>	US6672871, US6397231, US6373493, US6257728, US6190558, US6190559, US6142905, US6114408, US6038234, US6025279, US6060740, US6257729, US5856164, US5734112, US5543304, US5309290, US5309315, US4691124, US4640751
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