

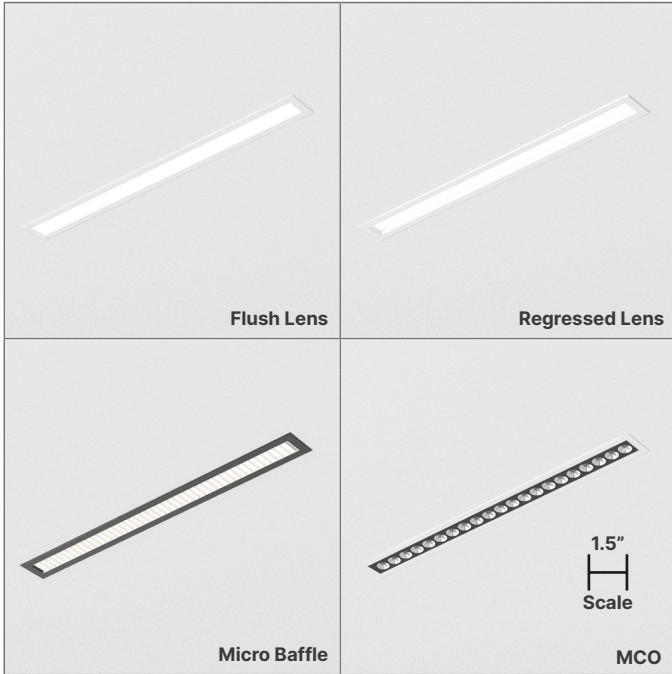
MICROSlot Recessed

Direct | Standard Lengths



Project Name _____

Fixture Type _____



DESCRIPTION

1.5" Low-Profile Linear LED Drywall Mount

MICROSlot takes the same capabilities and SmartBeam® controlled distributions of MICROSlot and adapts to recessed applications. MICROSlot Recessed has drywall and custom configuration mounting options for ceiling systems. The MICROSlot Recessed range is designed to be specification-grade with high lumen per foot, high CRI, and circadian options.

FEATURES & BENEFITS

Exceptional Performance

Up to 1,000 lm/ft, 150 lm/W efficacy

Wide Range of LED Selections

Static, Tunable White, and Dim-to-Warm

Designed with Options

Wide choice of SmartOptic® lenses, beam distributions, 80/90/95+ CRI, 2200K to 5000K 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

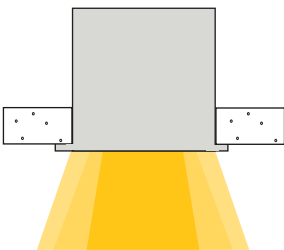
5-Year Warranty

Standard 5-year warranty, 50,000 hours

Fixture Mounted or Remote Driver

LIGHTING CONFIGURATIONS

Direct



Designed & Built in
BOSTON

FIXTURE ORDERING

Project Name _____

Fixture Type _____

1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	RUN LENGTH	FINISH
MSL-RD 1.5" Linear LED Drywall Mount	OR		
	L2 - 2 ft L4 - 4 ft L6 - 6 ft L8 - 8 ft L10 - 10 ft L_X_N_X - Specify Ft', In" Custom fixtures are available in 3" increments beyond standard lengths. Maximum length 10'.	R_X_N_X - Specify Ft', In" Continuous runs in 3" increments can be designed for seamless illumination without visible breaks. Specify length required in feet and inches.	Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL_ - Specify RAL # Anodized ACL - Clear Anodized ACU_ - Custom Anodized #

2) LED LIGHT ENGINE

CRI	CCT	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT
			D	
S80 - Std. 80 CRI S90 - Std. 90 CRI HE80 - High-Eff. 80 CRI HE90 - High-Eff. 90 CRI HD95 - High-Def. 95 CRI SUN - Full SunLike SBIOS - Static BIOS	22 - 2200K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 3022D - 3000K-2200K Dim-to-Warm 3527D - 3500K-2700K Dim-to-Warm X_ - Specify CCT	OFL - Flush Lens ORL - Regressed Lens OMBW - Micro Baffle, White OMBB - Micro Baffle, Black ORMCOW - Round MCO, White ORMCOB - Round MCO, Black ORMCOG - Round MCO, Graphite	LAM - Lambertian BW60 - Batwing 60° DA70 - Double Asym 70° A3015 - Asym 30° at 15° Tilt A3010 - Asym 30° at 10° Tilt M55 - Medium 55° N40 - Narrow 40° MCOS45 - Micro Cavity Optics 45° MCOS35 - Micro Cavity Optics 35° MCOS25 - Micro Cavity Optics 25° X_ - Specify Beam	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

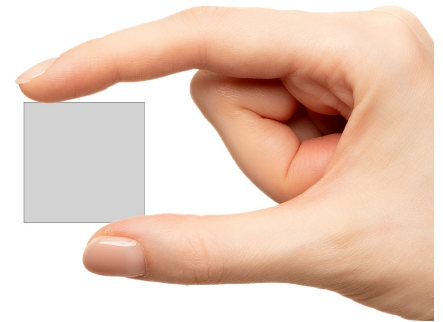
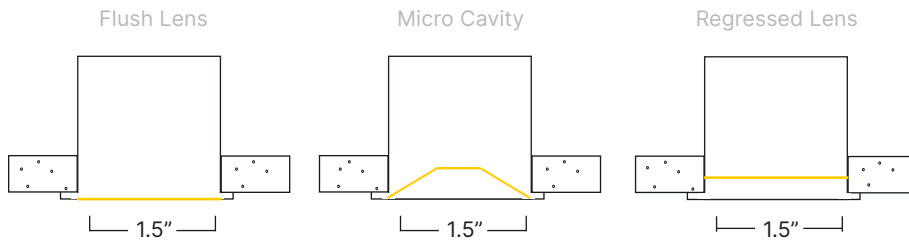
LINE VOLTAGE (DC)	DRIVER OPTIONS (REMOTE)	EMERGENCY BACKUP	REMOTE DRIVER BOX ¹	CONTROL SYSTEM ³
UNV - 120/277V 347 - 347V	Factory FDND - Factory Non-Dimming FD01 - Factory 0-10V 1% Dim FD10 - Factory 0-10V 10% Dim FDDA - Factory DALI 0.1% Dim FDDX - Factory DMX Dim Lutron LDTR - Lutron Hi-Lume 1% Dim LD01 - Lutron 5-Series 1% Dim LD05 - Lutron 5-Series 5% Dim eldoLED ED00 - eldoLED 0-10V 0.1% Dim ED01 - eldoLED 0-10V 1% Dim EDDA - eldoLED DALI 0.1% Dim X_ - Specify Driver	NA - Not Needed EMC - Emergency Circuit EMB - Emergency Battery (10 W — Remote) X_ - Specify Backup	NA - Not Needed RLDB² - Remote Linear Driver Box (driver included by default) RX2D² - Optional Remote XBox2 Driver, Up to 2 Drivers RX3D² - Optional Remote XBox3 Driver, Up to 3 Drivers RX5D² - Optional Remote XBox5 Driver, Up to 5 Drivers	NA - Not Needed LUT - Lutron COO - Cooper CAS - Casambi X_ - Specify Control System

4) FIXTURE MOUNTING & CONNECTIONS	
MOUNTING TYPE	POWER CORD
DK - Drywall Kit X_ - Specify Mounting Type	P24W - 24" White Cable Kit P24B - 24" Black Cable Kit

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

DIMENSIONS & INSTALLATION

Dimensions



Standard Fixtures

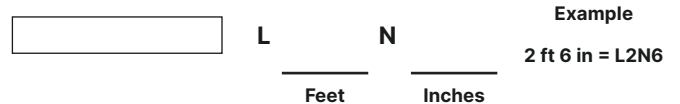
2ft	23.05" / 23.4"
4ft	47.05" / 47.4"
6ft	71.05" / 71.4"
8ft	95.05" / 95.4"
10ft	119.05" / 119.4"

Lens Length / Fixture Length

Custom Fixtures & Runs

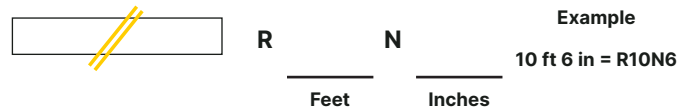
How to Spec Custom Fixtures

Custom fixtures are available in 3" increments beyond standard lengths. Maximum length 10'.



How to Spec Custom Runs

Continuous runs in 3" increments can be designed for seamless illumination without visible breaks.

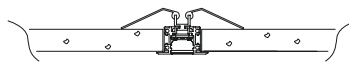


Mounting Type

Drywall Mount

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

Mounting Option



DK - Drywall Kit

SMARTBEAM® TECHNOLOGY

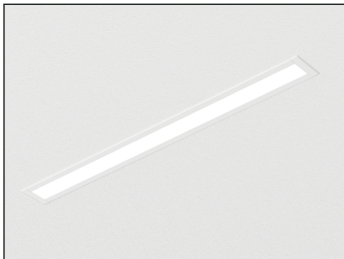
The Ultimate Control of Lighting Distributions

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.

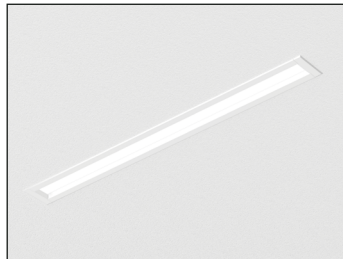
To learn more about our SmartBeam Technology, please click or scan the QR Code.



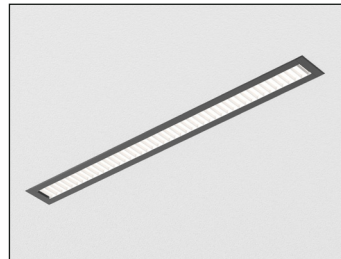
Direct Optics Choices



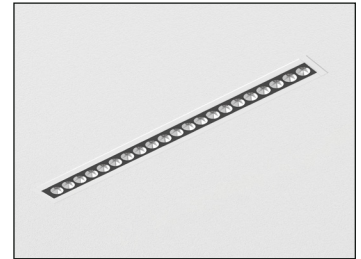
FL - Flush Lens



RL - Regressed Lens



MB - Micro Baffle



MCO - Micro Cavity Optics

DIRECT OPTICS	BEAM PATTERN									
	LAM	BW60	DA70	A3015	A3010	M55	N40	MCOS45	MCOS35	MCOS25
Flush Lens	■	■	■	■	■	■	■			
Regressed Lens	■	■	■	■	■	■	■			
Micro Baffle	■	■	■	■	■	■	■			
MCO								■	■	■

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

LPW Performance

	DIRECT									
	DLAM	DBW60	DDA70	A3015	A3010	M55	N40	MCOS45	MCOS35	MCOS25
LM/W	133	141	123	131	128	129	116	82	82	82

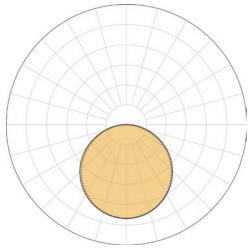
$$LM/W = \frac{\left(\begin{matrix} \text{DIRECT} \\ \text{LM/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{LM/FT} \end{matrix} \right)}{\left(\begin{matrix} \text{DIRECT} \\ \text{W/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{W/FT} \end{matrix} \right)}$$

DIRECT PHOTOMETRICS

48" Length, HE80 LED, 80+/3500K CRI/CCT, 3,000 Lumens

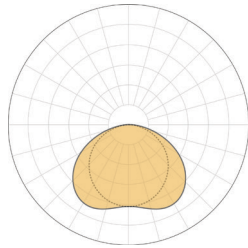
Static White Light

LAM: Lambertian



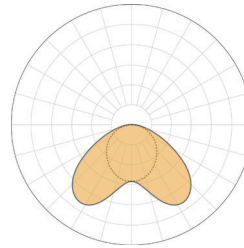
LM/FT	W/FT	LM/W
350	4.2	83.3
500	6	83.3
750	9	83
1000	12	83.3

BW60: Batwing 60°



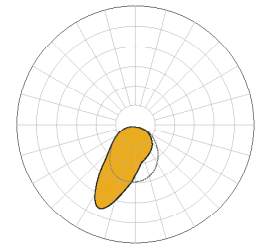
LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	142.9
750	5.3	141
1000	7.1	140.1

A70: Double Asymmetric 70°



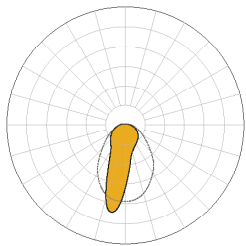
LM/FT	W/FT	LM/W
350	2.8	125
500	4.1	122
750	6.1	123
1000	8.1	123.5

A3015: Asymmetric 30° at 15° Tilt



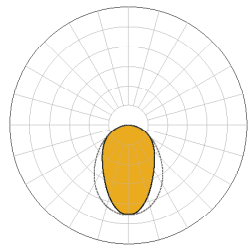
LM/FT	W/FT	LM/W
350	2.7	129.6
500	3.8	131.6
750	5.7	131
1000	7.6	131.6

A3010: Asymmetric 30° at 10° Tilt



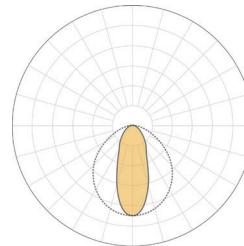
LM/FT	W/FT	LM/W
350	2.8	125
500	3.9	128.2
750	5.8	130
1000	7.7	129.9

M70: Medium 70°



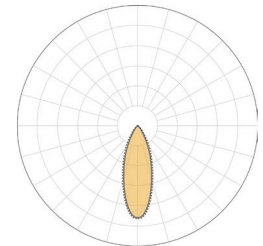
LM/FT	W/FT	LM/W
350	2.3	152
500	3.3	151.5
750	5	149
1000	6.7	149.3

N40: Narrow 40°



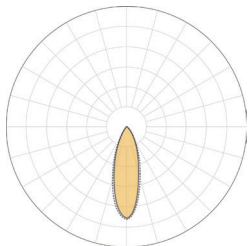
LM/FT	W/FT	LM/W
350	2.3	152
500	3.3	151.5
750	5	151
1000	6.7	149.3

MCOS45: Micro Cavity Optic Spot 45°



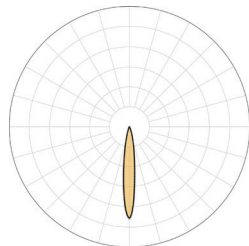
LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6

MCOS35: Micro Cavity Optic Spot 35°



LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6





MCOS25: Micro Cavity Optic Spot 25°



LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6

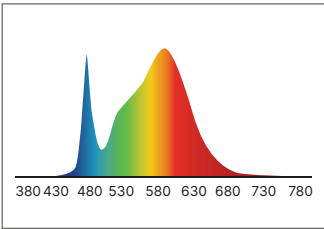
COMPATIBLE OPTIC			
FLUSH LENS	REGRESSED LENS	MICRO BAFFLE	MCO
■	■	■	■

OPTICS CONFIGURATIONS

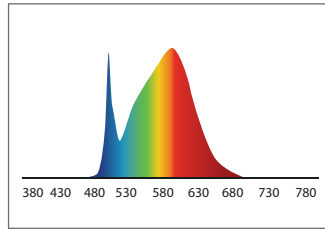
			
Flush Lens	Regressed Lens	Micro Baffle	Round MCO
White Flush Lens OFLW	White Regressed Lens ORLW	White Micro Baffle OMBW	White Round MCO ORMCOW
		Black Micro Baffle OMBB	Black Round MCO ORNCOB
			Graphite Round MCO ORMCOG

LED OPTIONS

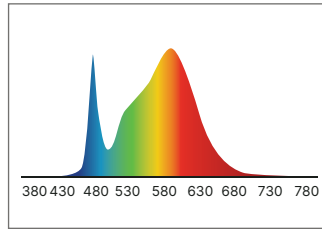
S80: Standard 80+ CRI



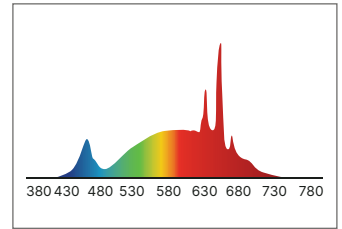
S90: Standard 90+ CRI



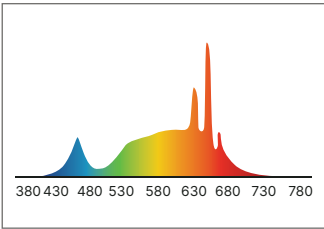
HE80: High-Efficiency 80+ CRI



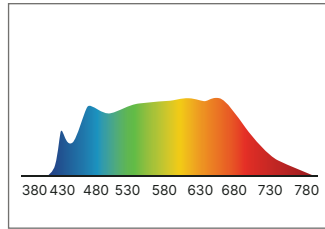
HE90: High-Efficiency 90+ CRI



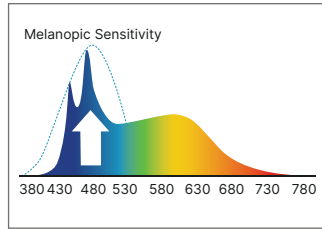
HD95: High-Definition 95+ CRI



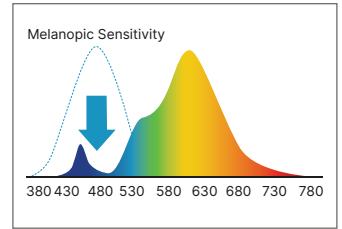
SUN: Full Spectrum "SunLike"



HCD: Human Centric Day



HCN: Human Centric Night



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

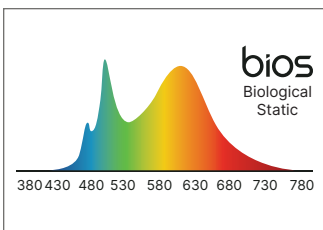
BIOS SKYBLUE™ TECHNOLOGY

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.



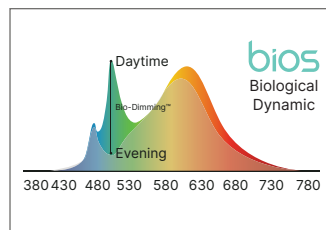
BIOS Static



Daytime
No color change when dimmed

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

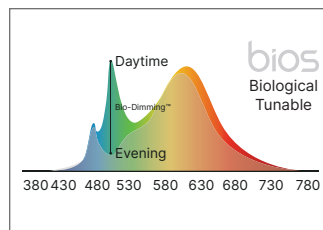
BIOS Dynamic



Daytime & Evening
500K shift when dimmed

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

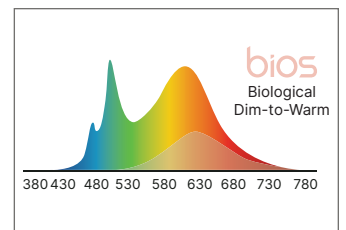
BIOS Tunable



Daytime & Evening
Dims to 2700K

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

BIOS Dim-to-Warm



Daytime & Evening
Dims from cool to warm

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

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

Driver Options

FACTORY

FDND - Factory Non-Dimming
FD01 - Factory 0-10V 1% Dim
FD10 - Factory 0-10V 10% Dim
FDDA - Factory DALI 0.1% Dim
FDDX - Factory DMX Dim



FDTR - Lutron Hi-Lume 1% Dim
LD01 - Lutron 5-Series 5% Dim
LD05 - Lutron 5-Series 5% Dim



ED00 - eldoLED 0-10V 0.1% Dim
ED01 - eldoLED 0-10V 1% Dim
EDDA - eldoLED DALI 0.1% Di

Emergency Backup

NA - Not Needed
EMC - Emergency Circuit
EMB - Emergency Battery
(10 W — Remote)
X_ - Specify Backup

Wiring

Typically the Emergency Backup is wired to 48" sections

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



LUT - Lutron



CAS - Casambi



COO - Cooper

