

EDGETilt3 Recessed

3" Edge-Lit Asymmetric Recessed Linear LED Light



Integral Driver



Designed & Built in
BOSTON



Features & Benefits

Designed for Perimeter, Wall or Ceiling Washing
Up to 1,250 lm/ft, 135 lm/W efficacy with choice of mounting for asymmetric, symmetric or lambertian beams.

Wide Range of LED Selections

Static, Dim-to-Warm and Tunable White with choice of 80/90/95+ CRI, and 2200K to 5000K CCT.

Choice of Lighting Control Options

Choice of 0-10V, DALI, DMX, and TRIAC dimming. Support for Lutron, Eldoled and Casambi controls.

Patented Innovations

Fusion® Optix Inside with unique SmartBeam® capabilities

Proprietary Optical Components

Wide choice of SmartOptic® lenses, beam distributions. 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 ORDERING

Project Name

Fixture Type

1) FIXTURE DESIGN

PRODUCT	MOUNTING STYLE	LENGTH	COLOR + FINISH	END CAP
ETI3-R				
3" Edge-Lit Asymmetric Recessed Linear LED Light	DWC Drywall Ceiling DWW Drywall Wall MTK Mud-In Tray Kit (removable) GT1 Grid 9/16" Flat T-Bar Mount GT2 Grid 9/16" Bolt Slot T-Bar Mount GT3 Grid 15/16" Flat T-Bar Mount	2FT 24in Nominal 4FT 48in Nominal 6FT 72in Nominal 8FT 96in Nominal 10FT 120in Nominal X_ Specify X; Y"	MWH Matte White (RAL9003) MBK Matte Black (RAL9005) MGR Matte Gray (RAL7001) CAE Clear Anodized Effect RAL_ Specify RAL#	E1 Flanged End Cap E2 Flange-Less End Cap Consult with factory to ensure match with mounting style.

2) LED LIGHT ENGINE

CRI	CCT	OPTICS	LUMEN OUTPUT
S80 Std. 80 CRI	22 2200K	DLAM Lambertian	35 350 lm/ft
S90 Std. 90 CRI	27 2700K	DA5545 Asymmetric 55° at 45° Tilt	50 500 lm/ft
HE80 High-Eff. 80 CRI	30 3000K		75 750 lm/ft
HE90 High-Eff. 90 CRI	35 3500K	X_ Specify Beam	100 1,000 lm/ft
HD95 High-Def. 95 CRI	40 4000K		125 1250 lm/ft
SUN Full SunLike	50 5000K		
	X_ Specify CCT		X_ Specify lm/ft

3) FIXTURE POWER & CONTROLS

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

4) ACCESSORIES

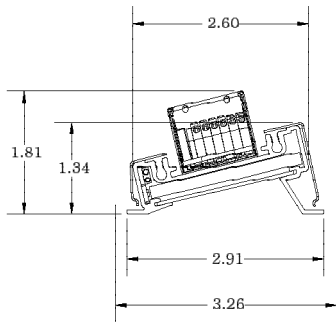
GLARE REDUCING BAFFLES

BLB Black Linear Baffle
WLB White Linear Baffle

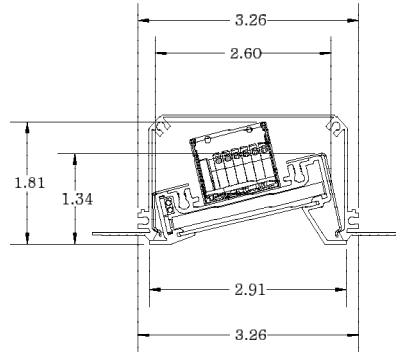
Footnotes: ¹ Remote distance is dependent on driver type, up to 100' (30.5 m). ² Creates a clean and organized power solution for multiple fixture installations.
³ The control system and driver must be compatible.

FIXTURE DESIGN

Dimensions



Fixture with Driver

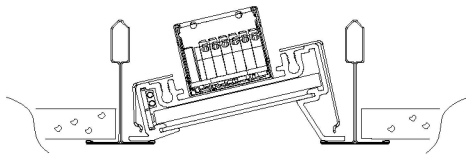


Fixture in Mud-in Tray Kit

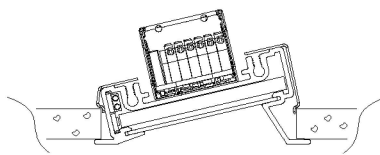


To download BIM (Revit) Files, please click or scan the QR Code.

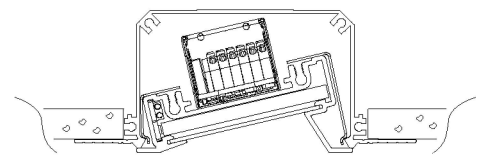
Mounting



Grid Mounting



Drywall



Mud-in Tray Kit

DRYWALL CEILING MOUNTING (DC)

Choice of accent surface orientation



DRYWALL WALL MOUNTING (DW)

Choice of accent surface orientation



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.

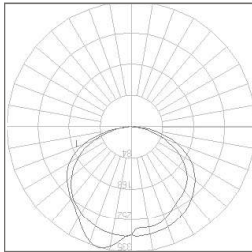


PHOTOMETRICS

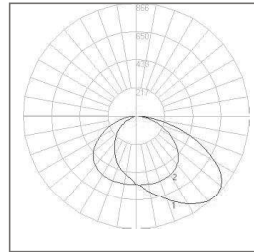
Static White Light

Ceiling to Wall

DLAM: Lambertian



DA5545: Asymmetric 55° at 45° Tilt

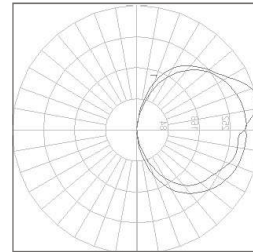


Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	746
Watts	27
W/ft	6.8
LPW	111

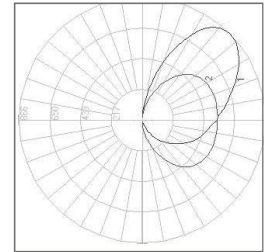
Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	743
Watts	27
W/ft	6.8
LPW	109

Wall to Ceiling

DLAM: Lambertian

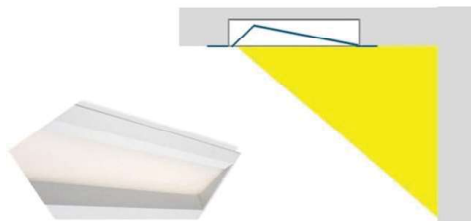


DA5545: Asymmetric 55° at 45° Tilt

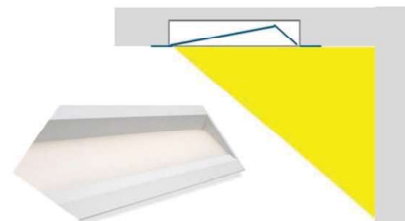


Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	746
Watts	10.5
W/ft	6.8
LPW	111

Length	48"
LED	HE80
CRI/CCT	80+/3500K
Lumens	3,000
lm/ft	743
Watts	10.5
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LPW	109



Ceiling – Accent Surface Behind
optics decide beam distribution



Ceiling – Accent Surface Forward
beam distribution by additional tilting of fixture



Wall – Accent Surface Up (ASU)

Uplight reflects off accent surface above the lens

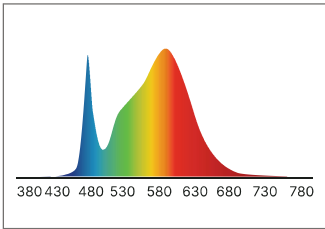


Wall – Accent Surface Down (ASD)

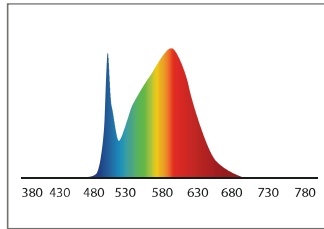
Uplight reflects off accent surface below the lens

LED SELECTION GUIDE

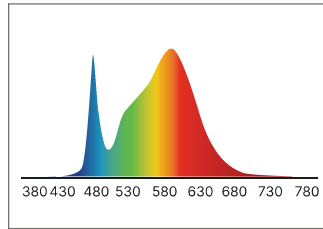
S80: Standard 80+ CRI



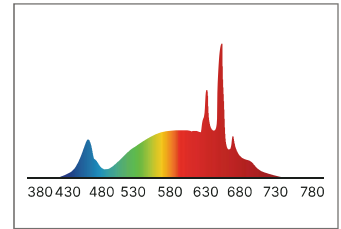
S90: Standard 90+ CRI



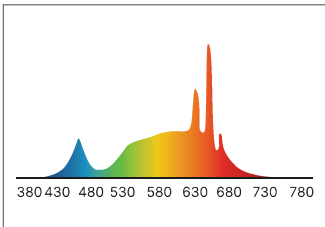
HE80: High-Efficiency 80+ CRI



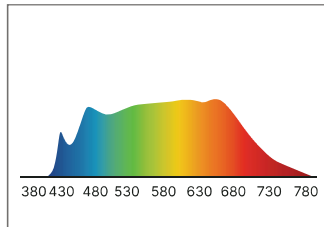
HE90: High-Efficiency 90+ CRI



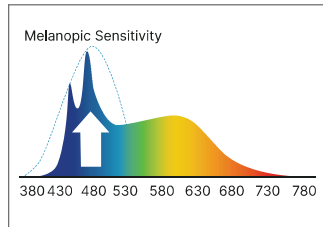
HD95: High-Definition 95+ CRI



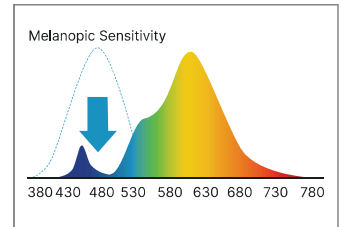
SUN: Full Spectrum "SunLike"



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

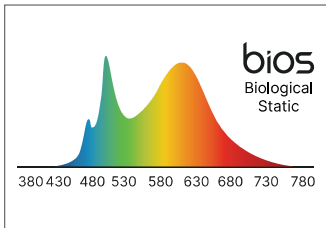
BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural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



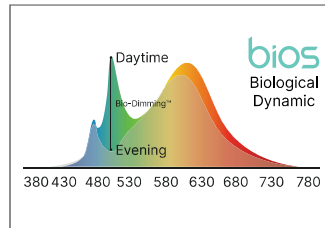
To learn more about BIOS Technology, please click or scan the QR Code.



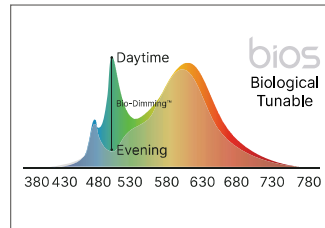
BIOS Static



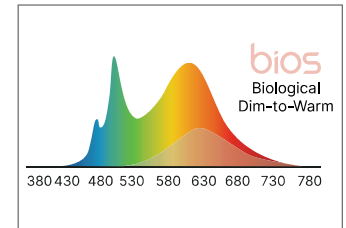
BIOS Dynamic



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 DESIGN

Length

Length Options 2', 4', 6', 8', 10' nominal, or custom within 3"

Finish

Housing Colors (Matte Finish)



White (RAL9003)



Black (RAL9005)



Gray (RAL7001)



Clear Anodized Effect



Custom RAL

Housing Material 6063-T5 extruded, recycled aluminum

Mounting Brackets Sheet metal

End Cap

End Cap Option Flanged, matching design of body

End Cap Material Machined or cast aluminum

Optic

Lens Option Titled regressed lens

Lens Material Patented SmartOptics® made from Acrylic (PMMA)

FIXTURE POWER & CONTROLS

Voltage

Fixture Voltage (AC) 120–277 VAC and 347 VAC, 50/60 Hz

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 Remote Drivers (Sold Separately)

Other 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

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 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

BAA & 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.