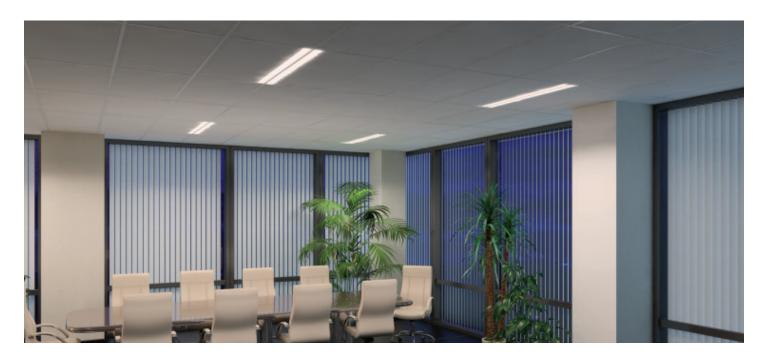
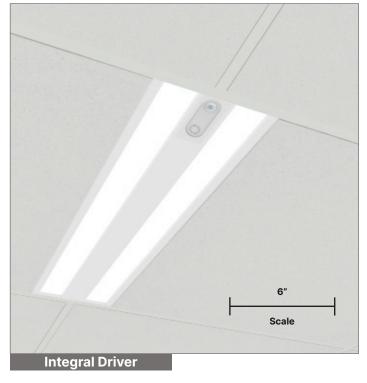
EDGEHybrid6 Recessed



6" Edge-Lit Linear LED for T-Bar & Drywall Mounting





Features & Benefits

Exceptional Performance
Up to 1,000 lm/ft, 135 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

Designed & Built in **BOSTON**







FIXTURE ORDERING Project Name Fixture Type 1) FIXTURE DESIGN **PRODUCT** MOUNTING STYLE LENGTH **FINISH** OPTIC EHY6-R 6" Edge-Lit Linear LED 9/16" Flat T-Bar Mount 2FT 2FT nominal MWH Matte White (RAL9003) ORL Regressed Lens T1 for Recessed T-Bar 15/16" Flat T-Bar Mount 4FT 4FT nominal MBK Matte Black (RAL9005) T2 and DrywallMounting DW **Drywall Mounting** 6FT 6FT nominal MGR Matte Gray (RAL7001) 8FT 8FT nominal CAE Clear Anodized Effect Χ_ Specify Mounting Type 10FT 10FT nominal RAL_ Specify RAL# \mathbf{X}_{-} Specify X', Y"

2) LED LIGHT ENGINE

CRI		CCT		DIRECT BE	AM PATTERN	DIRE	CT OUTPUT
S80	Std. 80 CRI	22	2200K	DLAM	Lambertian	35	350 lm/ft
S90	Std. 90 CRI	27	2700K	DBW65	Batwing 65°	50	500 lm/ft
HE80	High-Eff. 80 CRI	30	3000K	DA5025	Asymmetric 50° at 25° Tilt	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	_	. ,	0_	Specify lm/ft
SUN	Full SunLike	50	5000K				
SBIOS	Static BIOS	3022D	3000K to 2200K Dim-to-Warm				
DBIOS	Dynamic BIOS	3527D	3500K to 2700K Dim-to-Warm				
TBIOS	Tunable White BIOS	X	Specify CCT				

3) FIXTURE POWER & CONTROLS

LINE \	LINE VOLTAGE (AC)		INTEGRAL DRIVER (POWER)		EMERGENCY BACKUP		CONTROL SYSTEM ¹		
UNV 347	120/277V 347V	FDND FD01 FD10 FDDA FDDX FDTR LD01 LD05 ED00 ED01	Factory Non-Dimming Factory 0-10V 1% Dim Factory 0-10V 10% Dim Factory DALI 0.1% Dim Factory DMX Dim Factory TRIAC Dim Lutron Hi-Lume 1% Dim eldoLED 0-10V 0.1% Dim eldoLED 0-10V 1% Dim	NN EMC EMB	Not Needed Emergency Circuit Emergency Battery (10 W — Onboard) Specify Backup	NN LUT COO CAS X_	Not Needed Lutron Cooper Casambi Specify Control System		
		EDDA X_	eldoLED DALI 0.1% Dim Specify Driver						

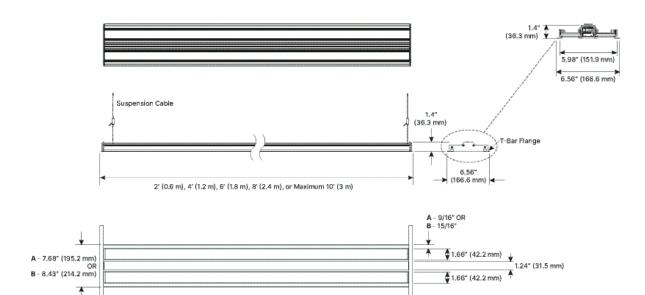
4) FIXTURE MOUNTING & CONNECTIONS

POWER CO	POWER CORD		NG ACCESSORIES	
S24WH	24" White Cable Kit	SSC	Stainless Steel Suspension Cable	
NOTES				

Footnotes: ¹ The control system and driver must be compatible.

FIXTURE DESIGN

Dimensions





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

Length

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

Finish

Housing Colors (Matte Finish)



Housing Material 6063-T5 extruded, recycled aluminum

Mounting Brackets Sheet metal

End Cap

End Cap Option Flat

End Cap Material Machined or cast aluminum

Optic

Lens Option Regressed

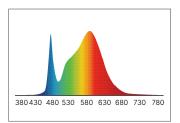
Lens Material Patented SmartOptics® made from Acrylic (PMMA)

Voltage

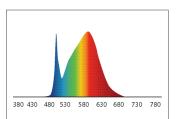
Fixture Voltage (AC) 120–277 VAC and 347 VAC, 50/60 Hz

LED SELECTION GUIDE

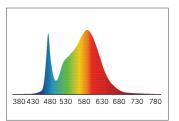
S80: Standard 80+ CRI



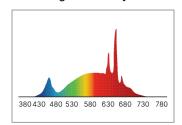
S90: Standard 90+ CRI



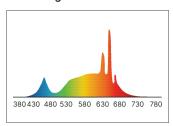
HE80: High-Efficiency 80+ CRI



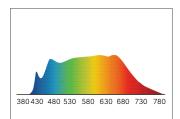
HE90: High-Efficiency 90+ CRI



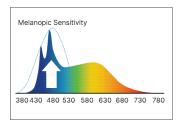
HD95: High-Definition 95+ CRI



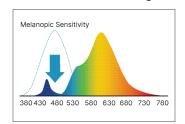
SUN: Full Spectrum "SunLike"



HCD: Human Centric Day



HCN: Human Centric Night



Static White Light (LED Light Engine Only)

			TYPICAL LED DATA						
CODE	DESCRIPTION	ССТ	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

	CCT SELECTED								
CODE	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

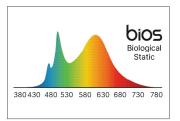


To learn more about BIOS Technology, please click or scan the QR Code.

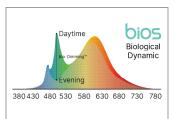


BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology — Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm. BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural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

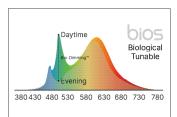
BIOS Static



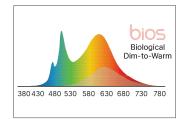
BIOS Dynamic



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

		BIO-DIMMING MODULE TECHNOLOGY GUIDE							
CODE	DESCRIPTION	Driver	Driver Voltage	сст	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		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)	BIODIM1			No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"		
TBIOS	BIOS Tunable		0-10V Control of Intensity & CCT on Separate		Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming		
TBIOS-2	BIOS Tunable (Two Channel)	ATW / DTW	.	Dims to 2700K	No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"		
DWBIOS	BIOS Dim-to-Warm	n			Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming		
DWBIOS-2	BIOS Dim-to-Warm (Two Channel)	_	-	Dims to 2200K	No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"		

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.



FIXTURE POWER & CONTROLS

Voltage

LED Driver Factory Selected, 36-39V Constant Current

Emergency Backup

Backup Types Emergency Circuit, Emergency Battery (Onboard), 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 Integral Drivers

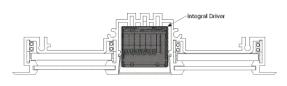
Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory Other

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)

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

Cooper Compatible driver Casambi (wireless) Compatible driver



Drivers are integral to the fixture and are included. They provide 0-10V, DALI, DMX, and TRIAC dimming. Also compatible with Cooper and other common building control systems, including PoE and wireless.



Integral Driver

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

T-Bar Mount Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with

a range of accessories, mounts and inserts that provide easy customization of visual appearance

and performance enhancements.

Power Cord

24" Cable Kit White

Mounting Kit

Suspension Cord Stainless Steel

Mounting Options

T1 - 9/16" Flat T-Bar Mount

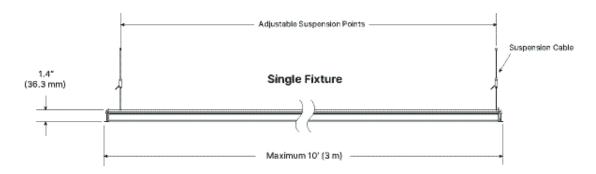
T3 - 15/16" Flat T-Bar Mount

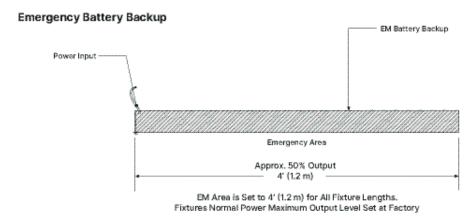




Standard Lengths & Continuous Runs

Maximum length of one fixture is 10'. Longer runs can be produced by joining sections. Customer approval of shop drawings is required prior to build of any non-standard length order.





Battery Power: 10 W Illumination Time: 90 minutes Light Output approx 300 lm/ft or 1200-1300 Total Lumens* Recharge Time: 24 Hours

*Light output may vary based on fixture output level ordered.

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







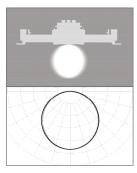
For details on our warranty and business terms, please click or scan the QR Code.

		BEAM PATTERN	
OPTIC	DLAM	DBW65	DA5025
Regressed Lens	•	•	•

DIRECT PHOTOMETRICS

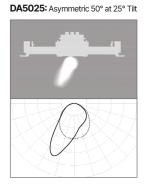
Static White Light

DLAM: Lambertian



	 7	
X		

DBW65: Batwing 65°



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

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

 Length
 48"

 LED
 HE80

 CRI/CCT
 80+/3500K

 Lumens
 3,000

 Im/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

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

Canada CA2702600, CA2702685, CA2702690

 France
 FREP0800658

 Germany
 DEEP0800658

Great Britain GB2492541, GB2492542, GBEP0800658, GB2492398

 Japan
 JP03958359

 Netherlands
 NLEP0800658

 Taiwan
 FTW360813B

European Patent Organization EP0843203, EP0843203

Design Patents

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The Patent Corporation Treaty

World Intellectual Property Organization WO2015200268

Trademarks

United States US6672871, US6397231, US6373493, US6257728, US6190558, US6190559, US6142905, US6114408,

US6038234, US6025279, US6060740, US6257729, US5856164, US5734112, US5543304, US5309290,

US5309315, US4691124, US4640751

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