

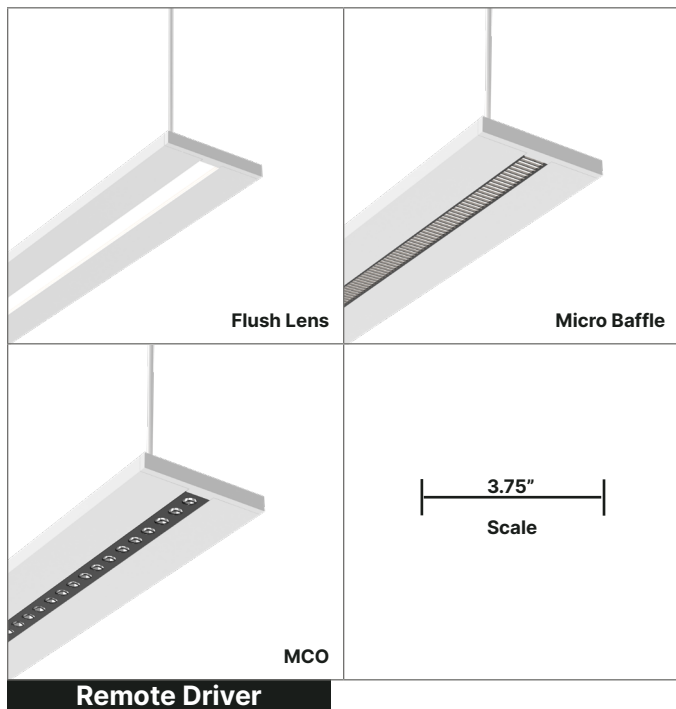
MICROFlat375 Pendant

Direct, Indirect, Direct / Indirect | Standard Lengths

XICO®

Project Name _____

Fixture Type _____



DESCRIPTION

0.5" x 3.75" Low-Profile Linear LED Flat Pendant

The MICROFlat375 Pendant from XICO is an innovative ultra-slim and compact LED linear wall-mounted product providing best-in-class efficiency and beam control options. The MICROFlat375 is designed with a suspended mounting style to be specification-grade with high lumen per foot, high CRI, and circadian options. MICROFlat375 does not rely on low-cost LED tape but rather engineered light engines with fully customizable choices for lumen output, CCT, and CRI.

FEATURES & BENEFITS

Exceptional Performance

3.75" x 0.5" fixture delivering 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, 2700K 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

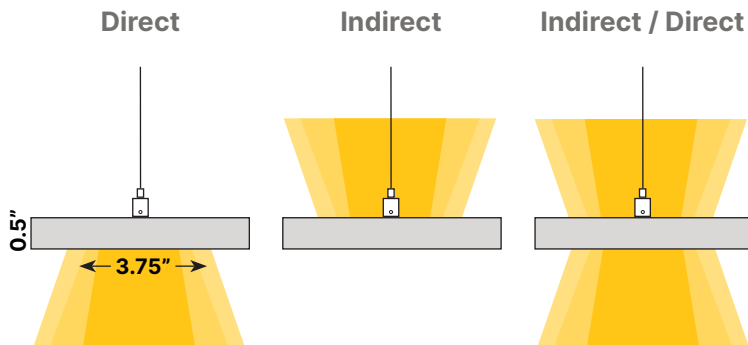
Compliance

UL Listed, Dry and Damp Locations

5-Year Warranty

Standard 5-year warranty, 50,000 hours

LIGHTING CONFIGURATIONS



Declare



bios



Designed & Built in
BOSTON

FIXTURE ORDERING

Project Name _____

Fixture Type _____

1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	FINISH
MFL375-W 3.75" Low-Profile Linear LED Pendant Light Fixture	1 - 1 ft 2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft	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
80 - Std. 80 CRI 90 - Std. 90 CRI 95 - High-Def. 95 CRI SUN - Full SunLike	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K XD - Dim-to-Warm XT - Tunable X_ - Specify CCT Specify Dim-to-Warm and Tunable between 2700K-6500K.	OFL - Flush Lens OMBW - Micro Baffle, White OMBB - Micro Baffle, Black	NN - Not Needed DLAM - Lambertian DBW60 - Batwing 60° DM50 - Medium 50° DA5525 - Asym 55° at 25° Tilt X_ - Specify Beam¹	NN - Not Needed 35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft
		ORMCOW - Round MCO, White ORMCOB - Round MCO, Black ORMCOG - Round MCO, Graphite	DS45 - Micro Cavity Optic Spot 45°	
INDIRECT BEAM PATTERN	INDIRECT OUTPUT	CIRCUIT		
NN - Not Needed ILAM - Lambertian IBW60 - Batwing 60° IA4560 - Asym 45° at 60° Tilt X_ - Specify Beam¹	NN - Not Needed 35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft	1CH - 1 Circuit (Standard) 2CH - Bi-Directional 2 Circuit (Optional)		

3) FIXTURE POWER & 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: ¹Contact factory about custom beam options. ² Standard driver box is included

4) FIXTURE MOUNTING & CONNECTIONS

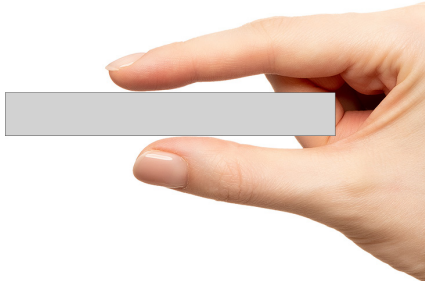
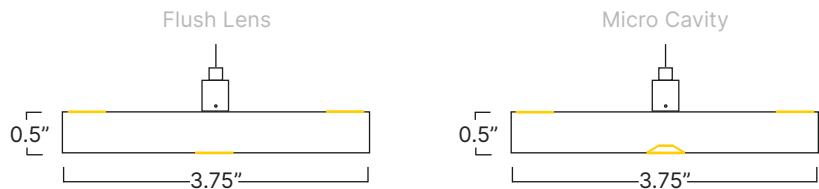
MOUNTING TYPE	CANOPY	POWER CORD
DJ - Drywall/J-Box Mount TC1 - 9/16" Flat T-Bar Mount TC2 - 9/16" Bolt Slot T-Bar Mount TC3 - 15/16" Flat T-Bar Mount TC1, TC2 and TC3 clips directly to grid t-bar.	RCW25 - 2" & 5" Round Canopy, White (Standard) RCB25 - 2" & 5" Round Canopy, Black RCW2 - 2" Round Canopy, White RCB2 - 2" Round Canopy, Black RCW5 - 5" Round Canopy, White RCB5 - 5" Round Canopy, Black SCW2 - 2" Square Canopy, White SCB2 - 2" Square Canopy, Black SCW5 - 5" Square Canopy, White SCB5 - 5" Square Canopy, Black	P48W - 48" White Cord (Ø 1/8") P48B - 48" Black Cord (Ø 1/8") P96W - 96" White Cord (Ø 1/8") P96B - 96" Black Cord (Ø 1/8")

OPTIONAL

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

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

Lens Length / Fixture Length

Mounting Options

Typically suspended at a distance of between 24" and 72".

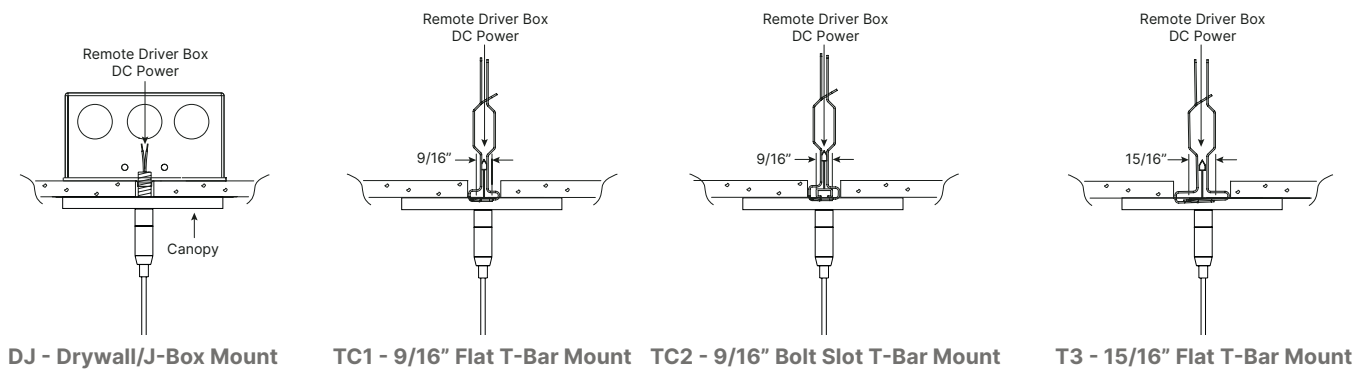
- T-Bar Mount**

Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements.
- Drywall/J-Box Mount**

Installs onto a surface via a junction box.
- Power Cord**

Choice of 48" or 96" in black or white
- Canopy**

Choice of 2" or 5" canopy in black or white



SMARTBEAM® TECHNOLOGY

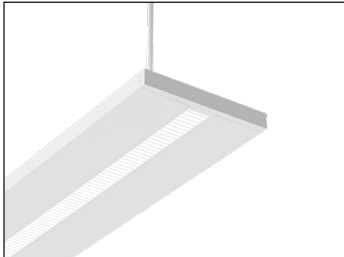
The Ultimate Control of Lighting Distributions

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.

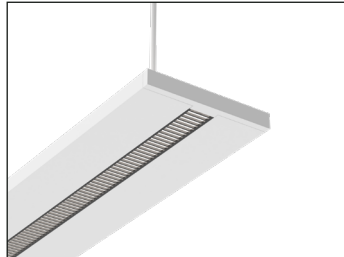
To learn more about our SmartBeam Technology, please click or scan the QR Code.



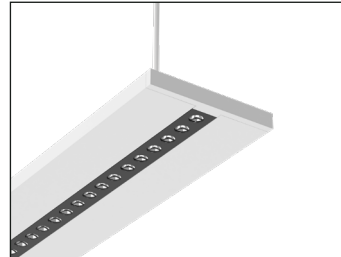
Direct Optics Choices



FL - Flush Lens



MB - Micro Baffle



MCO - Micro Cavity Optics

DIRECT OPTICS	BEAM PATTERN				
	LAM	BW60	M50	A5525	DS45
Flush Lens	■	■	■	■	
Micro Baffle	■	■	■	■	
Micro Cavity Optics					■

LPW Efficacy Conversion Chart

CODE	CCT SELECTED							
	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				
	LAM	BW60	M50	A5525	DS45
LM/W	130	149	149	149	82

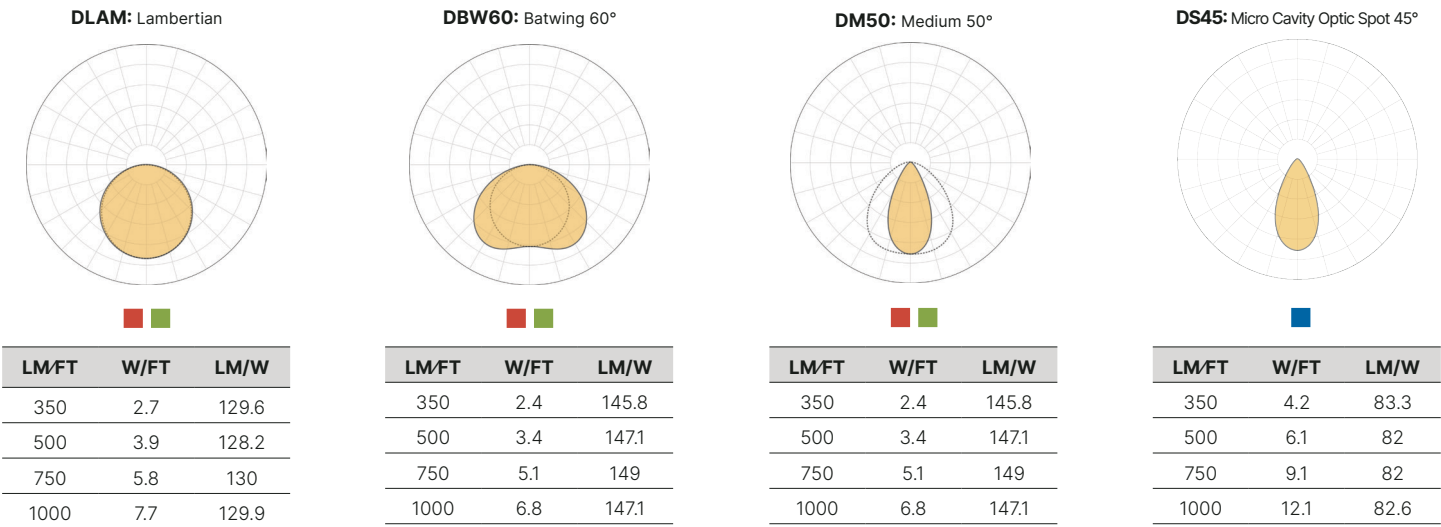
	INDIRECT		
	LAM	BW60	A4560
LM/FT	130	149	149

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

DIRECT PHOTOMETRICS

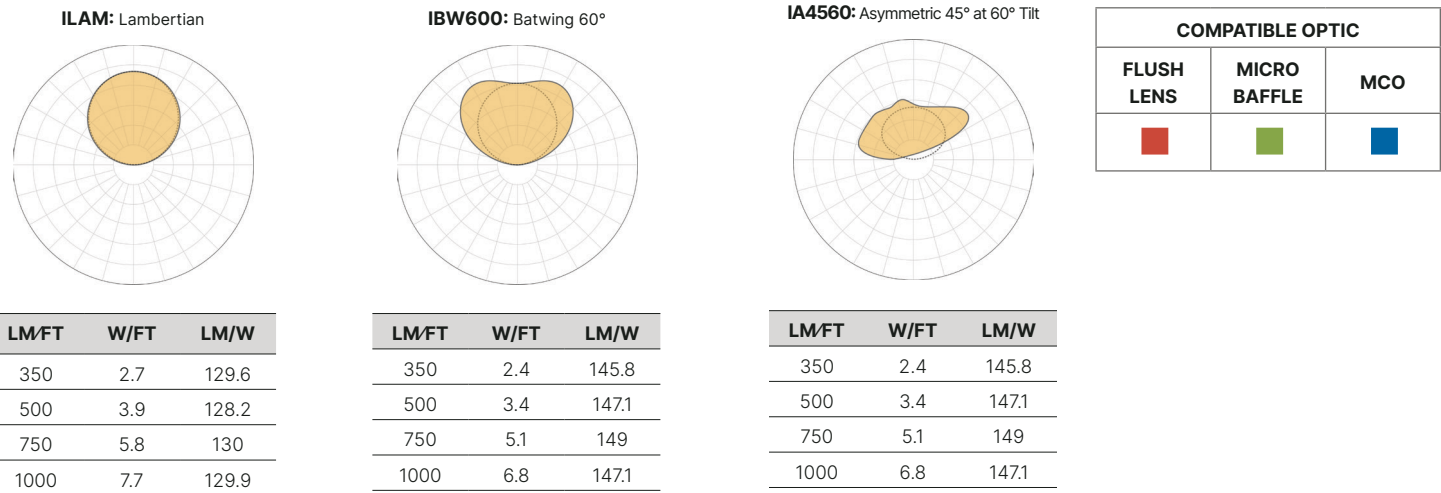
48" Length, 80+/3500K CRI/CCT, 3,000 Lumens

Static White Light



INDIRECT PHOTOMETRICS

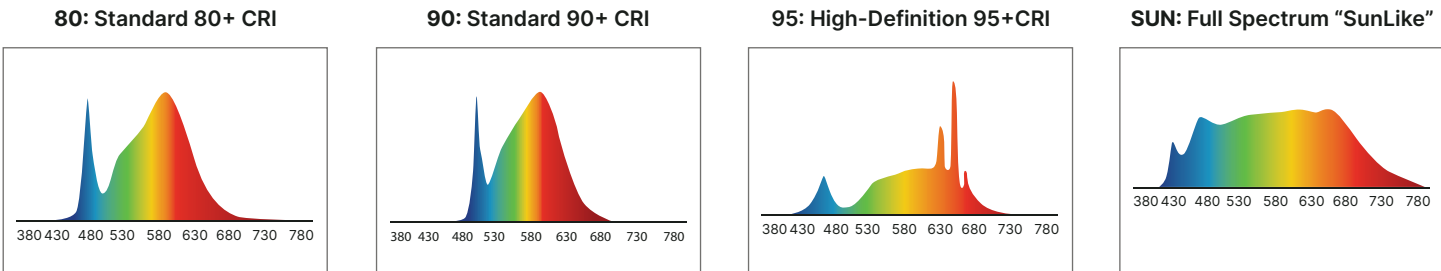
48" Length, 80+/3500K CRI/CCT, 4,000 Lumens



OPTICS CONFIGURATIONS

		
Flush Lens	Micro Baffle	Round MCO
White Flush Lens OFL	White Micro Baffle OMBW	White Round MCO ORMCOW
	Black Micro Baffle OMBB	Black Round MCO ORNCOB
		Graphite Round MCO ORMCOG

LED OPTIONS



CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	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 your project's needs.

Compatible Control Options



TECHNICAL SPECIFICATIONS

Finishes & Design Options

Housing Colors (Matte Finish)

White (RAL9003)
Black (RAL9005)
Gray (RAL7001)
Custom RAL



Housing Material

6063-T5 extruded, recycled aluminum

Mounting Brackets

Sheet Metal

Flat End Cap Material

Machined or cast aluminum

Lens Options and Material

Flush, Micro Baffle and Round Micro Cavity Optics (MCO) 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 reliability and quality assurance tested

Declare.

Nano Series

XICO Lighting

Final Assembly: Woburn, MA, USA
Life Expectancy (L70): 10+ Years
End of Life Options: Recyclable (99%)

Ingredients:

Aluminum, Glass, oxide, chemicals, Polymethyl methacrylate, Phenol, 4,4'-O-methylhydroquinone, polymer with 2,2'-(3,3'-methylthiobis(4,4'-oxydiphenylene))bis(methylene)bis(potassium), 1,3-benzenedicarboxylic acid, 1,3-dimethyl ester, polymer with 1,4-dimethyl-1,4-benzenedicarboxylic acid and 1,2-ethanediol, Polyethylene Glycol, Polyethylene Terephthalate, Barium sulfate, Hexamethylenesiloxane, Phosphoric acid, phosphoric acid, diphenyl ether, iron, titanium and silicones, di-4-methyl, metallic, gold, tungsten, titanium, zinc, nickel, plastic.

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.

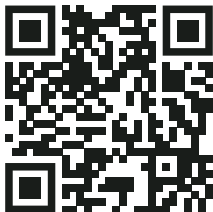


Red List Free

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

