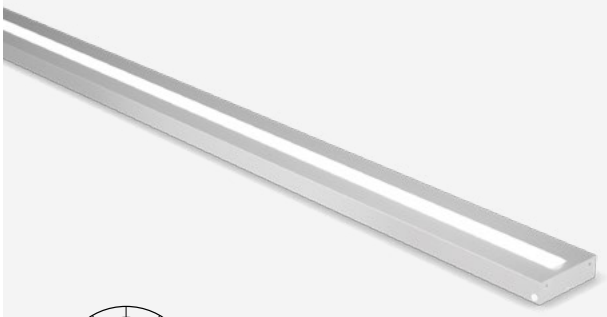
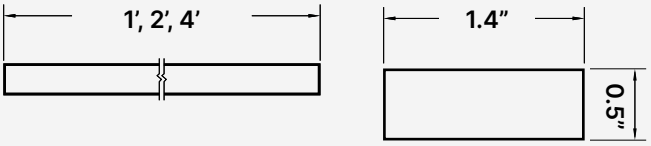
MICROFlat

XICO®

1.4” Flat Linear

Direct





Standard lengths of 1’, 2’, and 4’.

Anodized Aluminum
White
Black
Gray

DIM TO WARM
TUNABLE WHITE
RGBW

REGRESSED

USA DESIGNED, ENGINEERED, AND MANUFACTURED IN USA

Design

MICROFlat is a 1.4” wide linear, bringing SmartBeam® capabilities to a discrete size designed to fit into accent or task applications. MICROFlat features a remote driver and quick connect system.

Features

- High efficacy combined 135lm/W
- Rectangular profile: 1.4” (35.6mm) x 0.5” (12.7mm)
- SpekLED® & SmartOptics® inside
- 80+/90+ CRI, 2700K-4000K specifications
- Dimming down to 0.1%
- UL listed, CSA 22.2 compliant
- RoHS compliance and lead free
- 5 Year, 50,000 hour standard warranty

Lumens and Power

80+ CRI, 3500K

DIRECT

Lumens/ft	350	500	750	1000
Watts/ft		3.2		
Lumens/W		151		

UL LISTED
RoHS COMPLIANT
Declare.
Red List Free

Ordering Information

PROJECT

MFL140-S | 1 | 2 | 3 | 4 | 5 | 6 | | 9 | 10 | 11 | 12

A — B — C

A

1 LENGTH		2 CCT		3 CRI		4 FINISH COLOR	
1	1’	**27**	2700K	**80**	80CRI+	**AL**	Clear Anodized
2	2’	**30**	3000K	**90**	90CRI+	**WT**	White
4	4’	**35**	3500K	**95**	95CRI+	**BK**	Black
C__	Custom lengths in 6” increments	**40**	4000K			**RAL_**	RAL #
		SL1	SunLike				
		SBIOS	Static Bios				
		DBIOS	Dynamic Bios				
		TW2	Tuneable White 2CH				
		RGB	Red, Green, Blue				
		RGBW	Red, Green, Blue, White				

B

5 BEAM		6 OUTPUT	
M50	Medium 50°	**35**	350lm/ft
M80	Medium 80°	**50**	500lm/ft
W100	Wide 100°	**75**	750lm/ft
W110	Wide 110°	**100**	1000lm/ft
W120	Wide 120°		
A4015	Asymmetric 40°, 15° Tilt		

C

9 MOUNTING		10 VOLTAGE		11 EMERGENCY		12 DRIVER	
MC	Metal Clip & Screw Bracket	**UNV**	120/277V	**0**	None	**FD01**	1% Dim (0-10V)
MG	Magnetic	**120**	120V	**EM**	Emergency Driver	**FD10**	10% Dim (0-10V)
SC	Screw Mount	**277**	277V			**LDE1**	Lutron Hi-Lume 1% Dim
T1	9/16” T-bar Clip	**347**	347V			**LDE5**	Lutron 5 Series 5% Dim
T2	9/16” Bolt T-bar Clip					**ELD1**	EldoLED 0.1% Dim
T3	15/16” T-bar Clip					**NA**	Not included
C_	Custom (Add Note)					**C_**	Custom (Add Note)

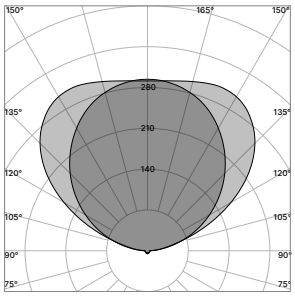
NOTES

XICO® IS A REGISTERED TRADEMARK. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE, WITHOUT NOTICE.

MICROFlat

Wide 120° - Performance Per 1’ - Tested at 3500K, 80+ CRI

500 Lumen at 80+ CRI



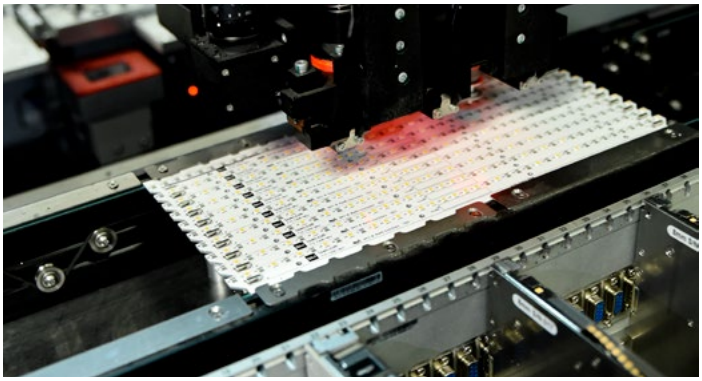
LED Output	Color Temp	Watts	Lumens	Efficacy LPW	Ratio
Low	3000K	3.3	484	147	0.97
Low	3500K	3.2	484	151	1
Low	4000K	3.1	484	156	1.05

XICO® IS A REGISTERED TRADEMARK. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE, WITHOUT NOTICE.

ColorTune™ Technology

Lighting products with ColorTune™ technology in combination with XICO® LED engines deliver color control, producing superior color rendering and wavelength conversion.

ColorTune™ products utilize a unique collection of micron scale optical elements to diffuse, shape, reflect and manipulate light and colors in a broad range of LED optical systems.

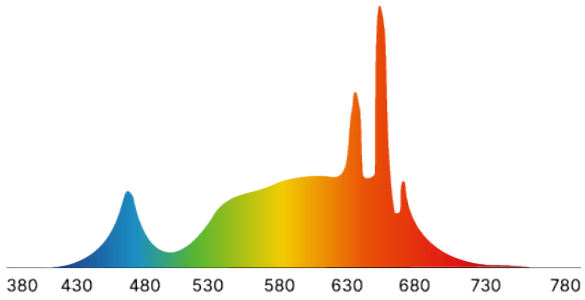


Fusion Optix® manufacturing LED engines in Woburn, MA

90+ CRI Standard

Advancements in LED efficiency, combined with SmartBeam high efficacy optical systems, enables 90+ CRI as standard across all XICO products without compromises.

CCT	CIE Ra	TM-30 Rf	TM-30 Rg
3500K	94	90	103

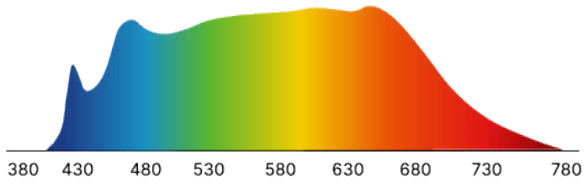


XICO Standard 90+ CRI LED

Full Spectrum, Tunable Control

XICO's in-house LED engine design and assembly allows for custom offerings in every category. Full Spectrum, Dim-to-warm, Tunable-White, RGBW, and application specific custom configurations.

DIM TO WARM · TUNABLE WHITE · RGBW

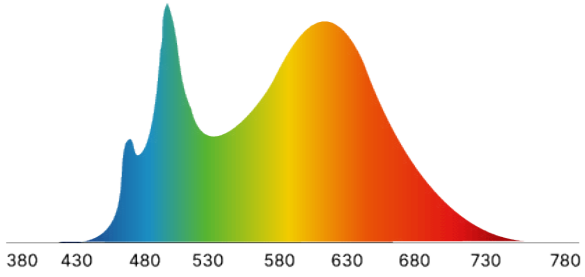


Full Spectrum "SunLike" LED

Human-Centric Lighting

Unique LED technologies, in conjunction with fixture and optical system design, deliver biological and psychological stimulus. Energizing light during the day and sleep-supporting light in the evening.

bios ILLUMINATED



BIOS Circadian Lighting LED

XICO® IS A REGISTERED TRADEMARK. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE, WITHOUT NOTICE.

Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures. Compatible with a wide range of dimmable drivers, control systems, and virtually all PoE systems.

Emergency Back-Up

An integral emergency driver may be wired to 4ft sections. Other drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

Finishes

All luminaires are available in clear anodized aluminum, white powder coat, or black powder coat. Any RAL color may be specified.

Optics

FlatLens® extruded acrylic optic provides excellent diffusion, high transmission, and no LED imaging. Acrylic optics are fully recyclable at end of life.

Construction

Extruded, recycled aluminum housing. Clear anodized and powder-coated extrusions are fully recyclable at end of life.

Joined Runs

Runs of any length may be specified and are composed of multiple, factory-engineered, joined sections.

Sustainability

Every XICO product features SmartBeam® Technology, energy efficient LED solutions, high efficacy optical systems, considered material choices, and thoughtful supply chain management.

Declare & Red List Free

Micro Series Declare Listing

Technology and Manufacturing

XICO fixtures are engineered and manufactured in our Massachusetts factory with Fusion Optix® Inside. As LED engine and Optical system specialists XICO offers adjustment and customization to output, beam distribution, and color to meet the needs of your project.

XICO® IS A REGISTERED TRADEMARK. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE, WITHOUT NOTICE.