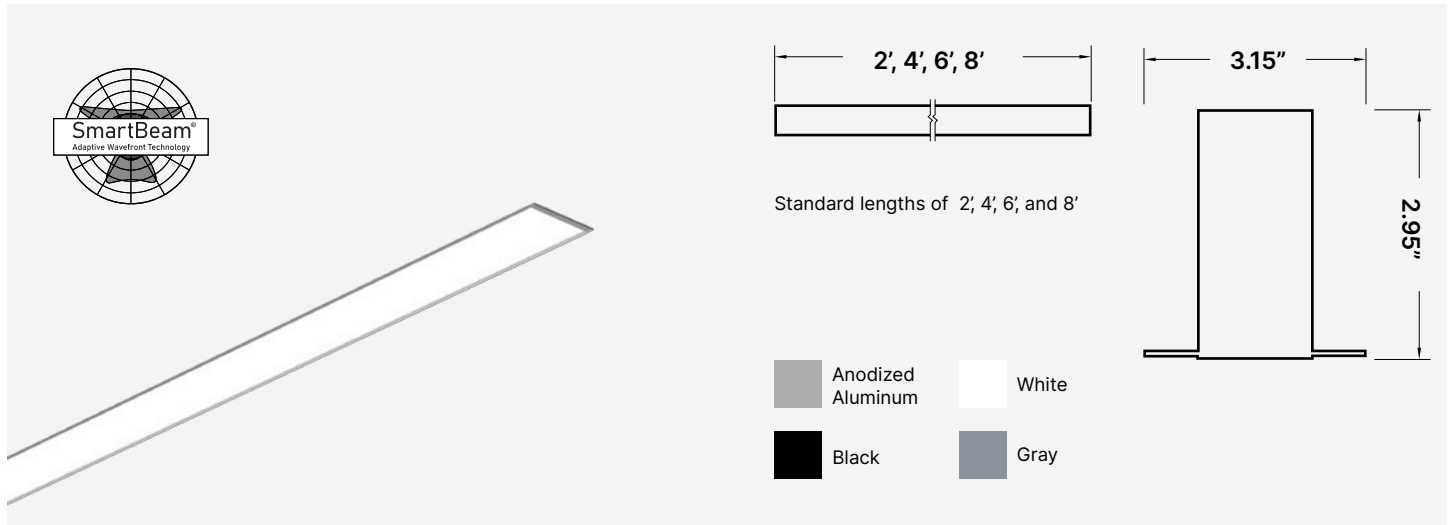


MICROBeam Mud-In

XICO®

1.4" Beam Linear

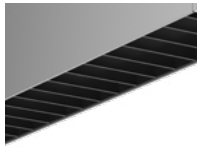
Direct



FLUSH



REGRESSED



BAFFLES



MCO

DESIGNED, ENGINEERED, AND
MANUFACTURED IN USA

Design

MICROBeam is a 1.4" x 2.95" beam mud-in linear, bringing SmartBeam® capabilities to powerful size designed to compliment architectural space. MICROBeam features an integral driver and field serviceable design.

Features

- High efficacy 150lm/W
- Beam profile: 1.4" (35.6mm) x 2.95" (75mm)
- 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	2.3	3.2	4.8	6.5
Lumens/W	153	155	156	156



Declare.



MICROBeam Mud-In

XICO®

Ordering Information

PROJECT

MBE140-M

1	2	3	4	5	6	9	10	11	12
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↓ A B C

A

1	2	3	4
LENGTH	CCT	CRI	FINISH COLOR
2	27	80	AL
4	30	90	WT
6	35	95	BK
8	40		GY
C_	SL1		RAL_
	SBIOS		
	DBIOS		
	TW2		
	RGB		
	RGBW		

B

5	6
DIRECT BEAM	DIRECT OUTPUT
DW115	35
DM40	50
DM70	75
DB60	100
DRW100	
DRB60	
DG3010	
DA3015	
DC_	

C

9	10	11	12
MOUNTING	VOLTAGE	EMERGENCY	ONBOARD DRIVER
M	UNV	0	FD01
	120	EM	FD10
	277		LDE1
	347		LDE5
			ELD1
			NA
			C_

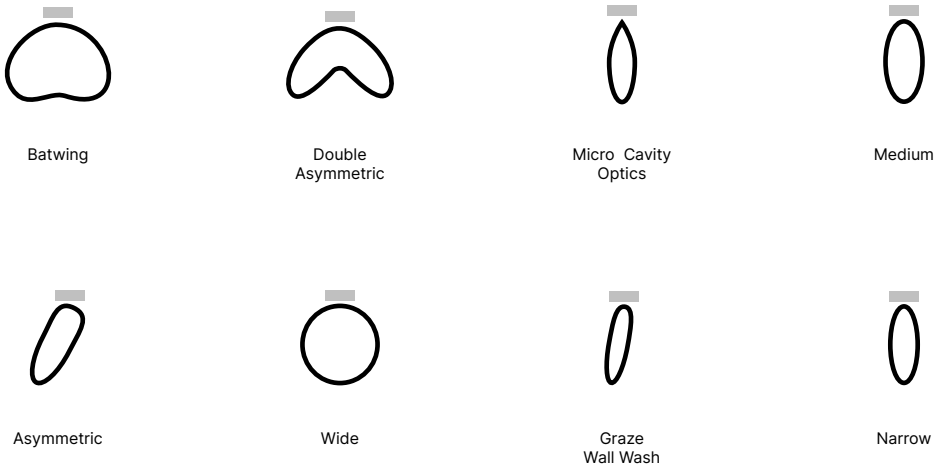
NOTES

Beam Distributions

Light plays a key role in the designed space. Whether the goal is to define spatial borders, emphasize architectural details or deliver functional task lighting, SmartBeam® technology packs a variety of beam options into every XICO® product.

SmartBeam® is a family of adaptive wavefront technologies, developed with the single purpose to deliver the ultimate controlled specification-grade lighting distribution and colors to your fingertips.

DIRECT



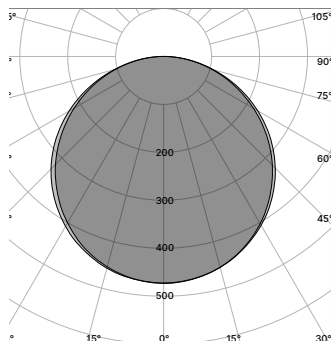
	Office	Lobby	Aisleway	Wall Wash	Grazer	Cove	Warehouse	Benefits
Batwing	•	•					•	Low-glare even distribution, ideal for most applications
Wide	•	•					•	Provides excellent coverage for general lighting installations
Medium	•	•					•	Delivers Uniform fc distribution without pixelation
Asymmetric	•	•		•		•		Ideal for perimeter lighting
Double Asymmetric	•		•				•	Exceeds DLC Aisleway Compliance
Narrow	•	•			•	•	•	High CBCP for long throw applications
Grazer/Spot	•	•			•	•		Uniform coverage meeting tight min:max ratio

MICROBeam Mud-In

XICO®

Photometrics

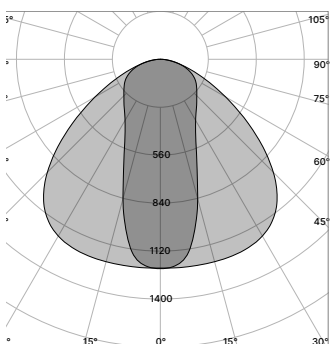
Tested at 3500K, 80+ CRI



Direct Wide 115°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1419	355	15.6	3.9	91
1980	495	22.7	5.7	87
2981	745	35.8	9.0	83
3980	995	51.8	13.0	76

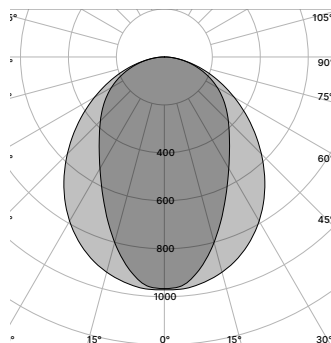
MBE140-4FT-3580-WT-DW115, tested at 3500K, 80+ CRI



Direct Medium 40°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1408	352	9.1	2.3	154
1996	499	13.3	3.3	150
3017	754	20.0	5.0	151
3990	998	25.4	6.4	157

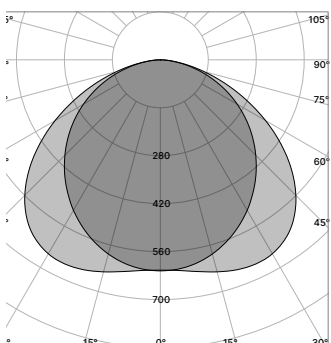
MBE140-4FT-4080-WT-DM40, tested at 4000K, 80+ CRI



Direct Medium 70°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1381	345	9.5	2.4	146
2020	505	13.7	3.4	147
3006	752	20.2	5.0	149
3999	1000	25.6	6.4	157

MBE140-4FT-4080-WT-DM70, tested at 4000K, 80+ CRI



Direct Batwing 60°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1453	363	9.9	2.5	146
2027	507	14.1	3.5	143
3031	758	21.5	5.4	141
4000	1000	29.1	7.3	137

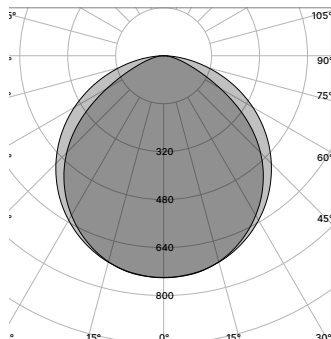
MBE140-4FT-3580-AL-DB60, tested at 3500K, 80+ CRI

MICROBeam Mud-in

XICO®

Photometrics

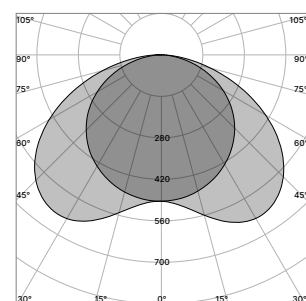
Tested at 3500K, 80+ CRI



Direct Regressed Wide 100°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1433	358	10.3	2.6	139
1984	496	14.5	3.6	137
3057	764	23.1	5.8	133
4042	1011	30.7	7.7	132

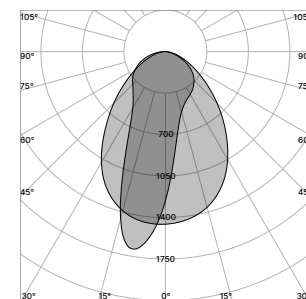
MBE140-4FT-3580-AL-DRW100, tested at 3500K, 80+ CRI



Direct Regressed Batwing 60°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1380	345	9.5	2.4	145
2013	503	14.1	3.5	143
3069	767	22.3	5.6	138
4029	1007	29.5	7.4	137

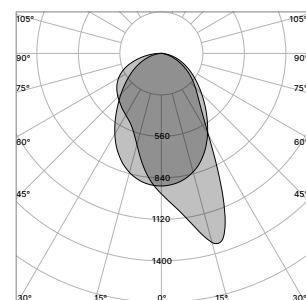
MBE140-4FT-3580-WT-DRB60, tested at 3500K, 80+ CRI



Direct Graze 30° at 10°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1374	344	9.9	2.5	1338
2017	504	14.9	3.7	135
3015	754	23.1	5.8	130
3973	993	30.7	7.7	129

MBE140-4FT-3580-AL-DG3010, tested at 3500K, 80+ CRI



Direct Asymmetric 30° at 15°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1415	354	10.3	2.6	137
1963	491	14.5	3.6	135
3027	757	23.1	5.8	131
3985	996	30.8	7.7	129

MBE140-4FT-3580-AL-DA3015, tested at 3500K, 80+ CRI

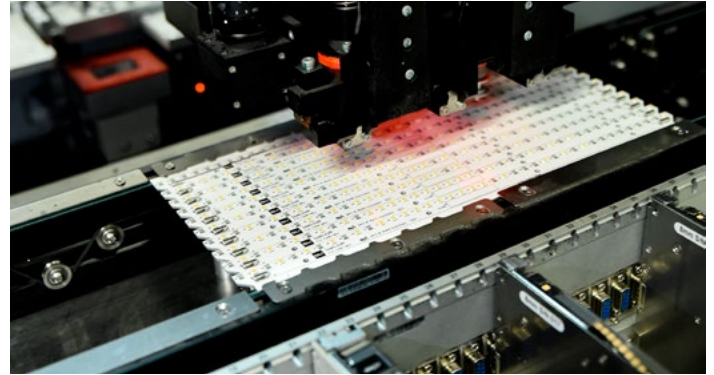
MICROBeam Pendant



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.

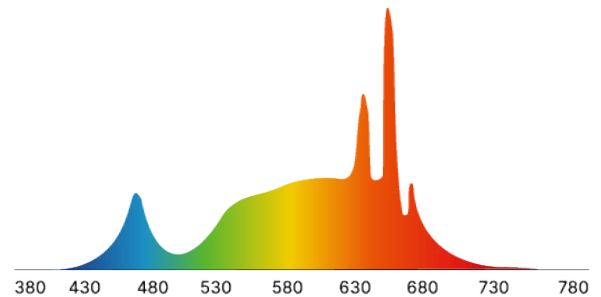


Fusion Optix® manufacturing LED engines in Woburn, MA

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.

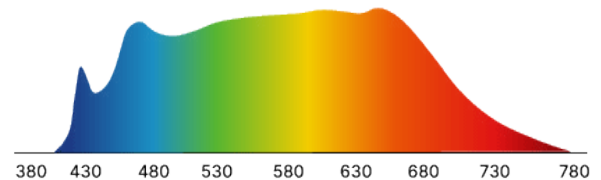
CCT	CIE Ra	TM-30 Rf	TM-30 Rg
3500K	94	90	103



XICO Standard 90+ CRI LED

Full Spectrum, Tunable Control

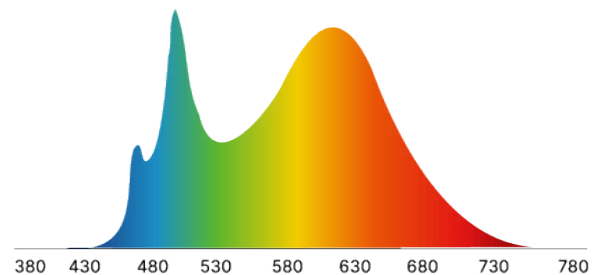
XICO's in-house LED engine design and assembly allows for custom offerings in every category. Full Spectrum, Dim-to-warm, Tunable-White, RGBW, and application specific custom configurations.



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 Circadian Lighting LED

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.