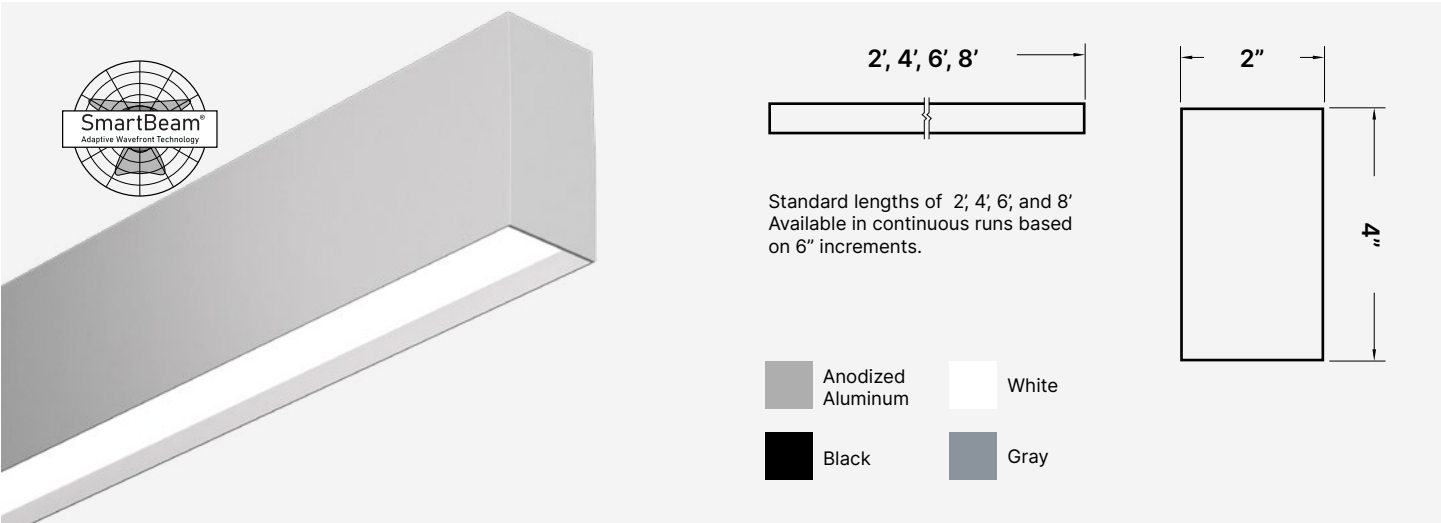


PROBeam 2



2" Beam Linear

Direct+Indirect



DESIGNED, ENGINEERED, AND MANUFACTURED IN USA

Design

PROBeam 2 brings SmartBeam® capabilities to a 2" form factor with integral driver.

Features

- High efficacy combined 150lm/W
- Beam profile: 2" (50.8mm) x 4" (101.6mm)
- 80+/90+ CRI, 2700K-4000K specifications
- Dimming down to 0.1%
- UL listed, CSA 22.2 compliant
- Recycled aluminum housing
- RoHS compliance and lead free
- 5 Year, 50,000 hour standard warranty

Lumens and Power

90+ CRI, 3500K

INDIRECT

Lumens/ft	350	500	750	1000
Watts/ft	2.1	3.0	4.7	6.4
Lumens/W	168	167	162	158

DIRECT

Lumens/ft	350	500	750	1400
Watts/ft	2.3	3.2	4.9	9.5
Lumens/W	157	156	154	147



PROBeam 2



Ordering Information

PROJECT



A

1	2	3	4
LENGTH	CCT	CRI	FINISH COLOR
2 2'	27 2700K	80 80CRI+	AL Clear Anodized
4 4'	30 3000K	90 90CRI+	WT White
6 6'	35 3500K	95 95CRI+	BK Black
8 8'	40 4000K		RAL_ RAL #
C_ Custom lengths in 6" increments	C1 SunLike™		
	SBIOS Static Bios		
	DBIOS Dynamic Bios		

B

5	6	7	8
DIRECT BEAM	DIRECT OUTPUT	INDIRECT BEAM	INDIRECT OUTPUT
DB60 Batwing 60°	35 350lm/ft	IC150 Cosine 150°	35 350lm/ft
DW110 Wide 110°	50 500lm/ft		50 500lm/ft
DG40 Graze 40° at 5° Tilt	75 750lm/ft		75 750lm/ft
DDA70 Double Asymmetric 70°	100 1000lm/ft		100 1000lm/ft
DA50 Asymmetric 50° @ 25°	120 1200lm/ft		
DRW80 Regressed Wide 80°	140 1400lmft		

C

9	10	11	12
MOUNTING	VOLTAGE	EMERGENCY	INTEGRAL DRIVER
S Surface Mount	UNV 120/277V	0 None	FD01 1% Dim (0-10V)
T1 9/16" T-bar Clip	120 120V	EM Emergency Driver	FD10 10% Dim (0-10V)
T2 9/16" Bolt T-bar Clip	277 277V		LDE1 Lutron Hi-Lume 1% Dim
T3 15/16" T-bar Clip	347 347V		LDE5 Lutron 5 Series 5% Dim
S48W 48" Power Cable Kit White			ELD1 EldoLED 0.1% Dim
S96W 96" Power Cable Kit White			NA Not included
S48B 48" Power Cable Kit Black			
S96B 96" Power Cable Kit Black			

PBE2

1	2	3	4	5	6	7	8	9	10	11	12
A						B			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.

INDIRECT



Cosine®



Ceiling Wash

DIRECT



Batwing



Double Asymmetric



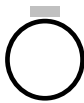
Nano Cavity Optics



Medium



Asymmetric



Wide



Graze Wall Wash

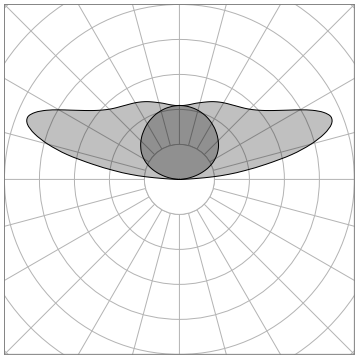


Narrow

	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

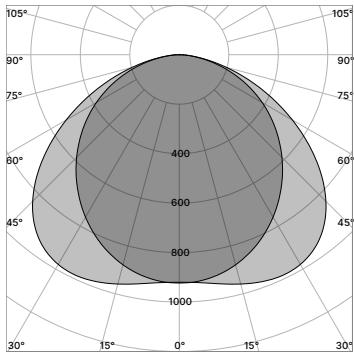
Photometric Testing

4FT Fixture, Tested at 3500K, 90+ CRI



Indirect Cosine 150°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1400	350	8.0	2.0	168
2000	500	12.0	3.0	166
3000	750	19.1	4.8	155
4000	1000	25.8	6.5	155



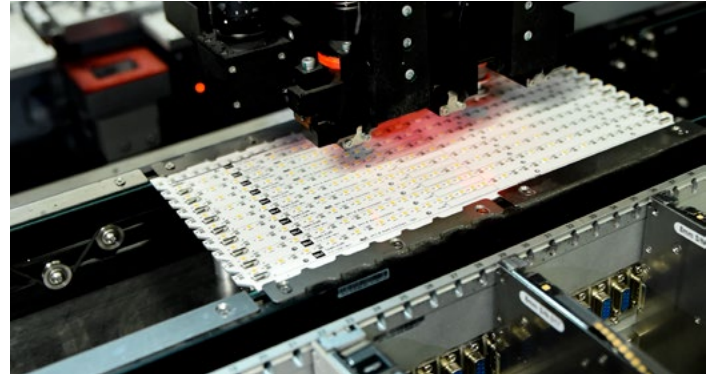
Batwing 60°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1439	360	9.2	4.6	157
1970	493	12.6	3.2	156
3018	755	19.5	4.9	154
5576	1394	38.1	9.5	146

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.

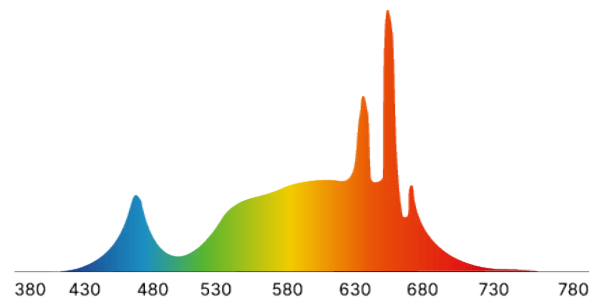


Fusion Optix® manufacturing SpekLED engines in Woburn, MA

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.

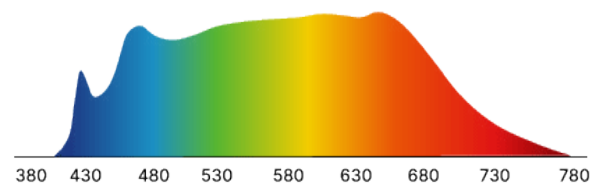
CCT	CIE Ra	TM-30 Rf	TM-30 Rg
3500K	94	90	103



XICO Standard 90+ CRI LED

Full Spectrum, Tunable Control

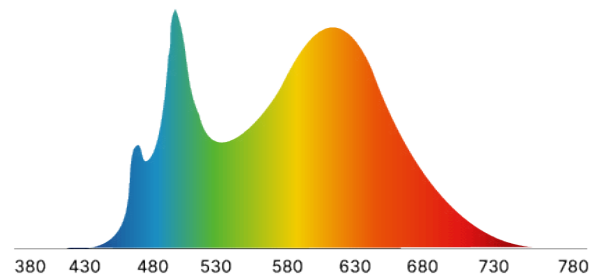
XICO's in-house LED engine design and assembly allows for custom offerings in every category. Full Spectrum, Dim-to-warm, Tunable-White, RGBW, and application specific custom configurations.



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. Both 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.

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.