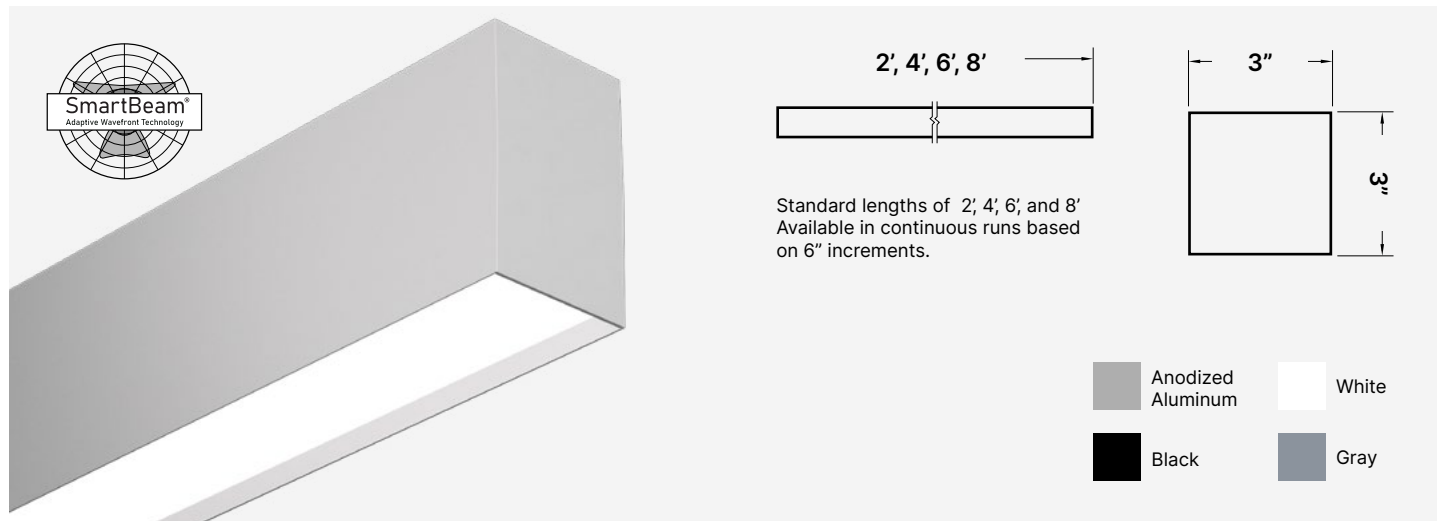


# PROBeam 3

**XICO®**

## 3" Beam Linear

Direct+Indirect

DESIGNED, ENGINEERED, AND  
MANUFACTURED IN USA

### Design

PROSquare 3 is a 3" beam linear, bringing SmartBeam® capabilities to a capable scale with integral driver.

### Features

- High efficacy combined 150lm/W
- Square profile: 3" (76.2mm) x 4.5" (114.3mm)
- SpekLED® & SmartOptics® inside
- 80+/90+ CRI, 2700K-4000K specifications
- Dimming down to 0.1%
- Recycled aluminum housing
- UL listed, CSA 22.2 compliant
- 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	4.6	6.3
Lumens/W	170	168	164	159

#### DIRECT

Lumens/ft	350	500	750	1000
Watts/ft	2.6	3.8	5.8	8
Lumens/W	133	133	130	125



# PROBeam 3

# XICO®

## Ordering Information

PROJECT 

A

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

B

5	6	7	8
<b>DIRECT BEAM</b>		<b>DIRECT OUTPUT</b>	<b>INDIRECT BEAM</b>
DB60	Batwing 60°	35	350lm/ft
DW110	Wide 110°	50	500lm/ft
DG40	Graze 40° at 5° Tilt	75	750lm/ft
DDA70	Double Asymmetric 70°	100	1000lm/ft
DA50	Asymmetric 50° @ 25°		
		<b>INDIRECT OUTPUT</b>	
		IC150	Cosine 150°
		35	350lm/ft
		50	500lm/ft
		75	750lm/ft
		100	1000lm/ft

C

9	10	11	12
<b>MOUNTING</b>		<b>VOLTAGE</b>	<b>EMERGENCY</b>
S48W	48" Power Cable Kit White	UNV	120/277V
S96W	96" Power Cable Kit White	120	120V
S48B	48" Power Cable Kit Black	277	277V
S96B	96" Power Cable Kit Black	347	347V
SM	Surface Mount		
T1	9/16" T-bar Clip		
T2	9/16" Bolt T-bar Clip		
T3	15/16" T-bar Clip		
		<b>INTEGRAL DRIVER</b>	
		FD01	1% Dim (0-10V)
		FD10	10% Dim (0-10V)
		LDE1	Lutron Hi-Lume 1% Dim
		LDE5	Lutron 5 Series 5% Dim
		ELD1	EldoLED 0.1% Dim
		NA	Not included

PSQ3

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

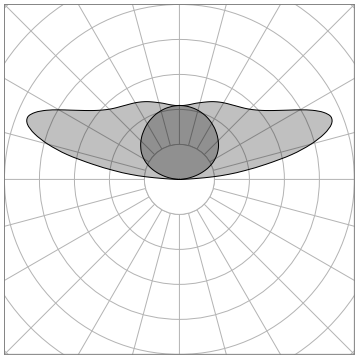


Narrow

	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

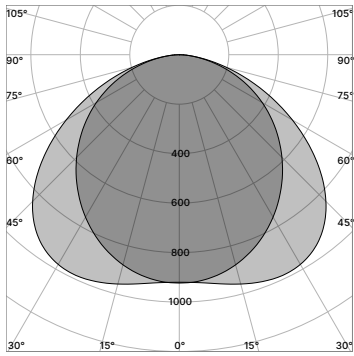
Photometric Testing

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



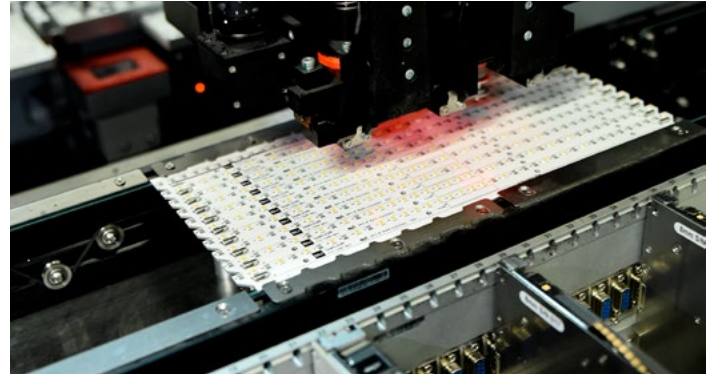
Batwing 60°

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.

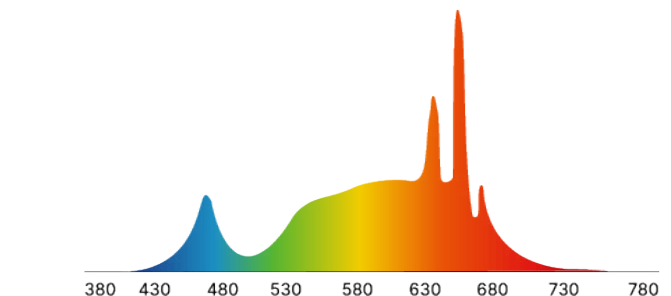


Fusion Optix® manufacturing SpekLED engines in Woburn, MA

## 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.

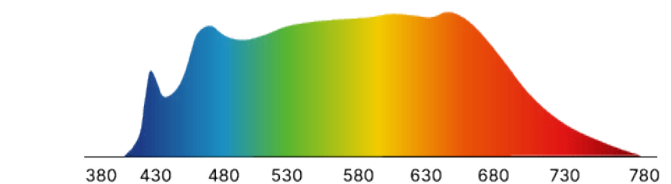
CCT	CIE Ra	TM-30 Rf	TM-30 Rg
3500K	94	90	103



XICO Standard 90+ CRI LED

## Full Spectrum, Tunable Control

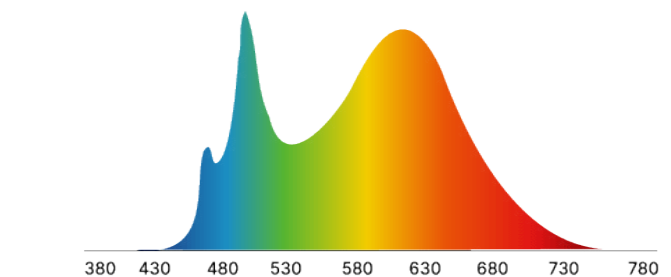
XICO's in-house LED engine design and assembly allows for custom offerings in every category. Full Spectrum, Dim-to-warm, Tunable-White, RGBW, and application specific custom configurations.



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.