



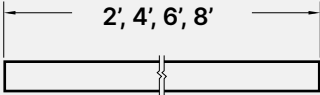
NANOSquare Surface



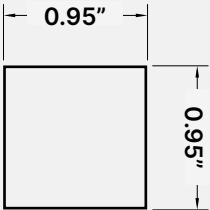
0.95" Square Linear

Direct







Standard lengths of 2', 4', 6', and 8'





0.95"

0.95"

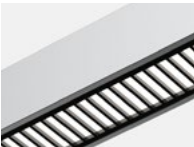
Anodized Aluminum

White

Black

Gray

FLUSH



BAFFLES



DESIGNED, ENGINEERED, AND MANUFACTURED IN USA

Design

NANOSquare is 0.95" square, bringing SmartBeam® capabilities to a graphic scale that complements architectural space. NANOSquare features a remote driver to remove visual bulk.

Features

- High efficacy combined 135lm/W
- Square profile: 0.95" (24mm) x 0.95" (24mm)
- 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	2.6	3.8	5.8	8
Lumens/W	133	133	130	125



NANOSquare Surface

XICO®

Ordering Information

PROJECT

NSQ95-S



A

1	2	3	4	5	6	9	10	11	12
A		B				C			
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	SL1	SunLike						
		SBIOS	Static Bios						
		DBIOS	Dynamic Bios						
		TW2	Tuneable White 2CH						
		RGB	Red, Green, Blue						
		RGBW	Red, Green, Blue, White						

B

5		6	
DIRECT BEAM		DIRECT OUTPUT	
DB60	Batwing 60°	35	350lm/ft
DM55	Medium 55°	50	500lm/ft
DW110	Wide 110°	75	750lm/ft
DG40	Graze 40° at 5° Tilt	100	1000lm/ft
DDA70	Double Asymmetric 70°		
DA50	Asymmetric 50° at 25° Tilt		
DC__	Custom (Add Note)		

C

9		10		11		12	
MOUNTING HARDWARE		VOLTAGE		EMERGENCY		DRIVER	
SM	Surface Mount Kit	UNV	120/277V	0	None	FD01	1% Dim (0-10V)
T1	9/16" T-bar Kit	120	120V	EM	Emergency Driver	FD10	10% Dim (0-10V)
T2	9/16" Bolt T-bar Kit	277	277V			LDE1	Lutron Hi-Lume 1% Dim
T3	15/16" T-bar Kit	347	347V			LDE5	Lutron 5 Series 5% Dim
C_	Custom (Add Note)					ELD1	EldoLED 0.1% Dim
						NA	Not included
						C_	Custom (Add Note)

NOTES

NANOSquare Surface



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



Batwing



Double Asymmetric



Nano Cavity Optics



Medium



Asymmetric



Wide



Graze Wall Wash



Narrow

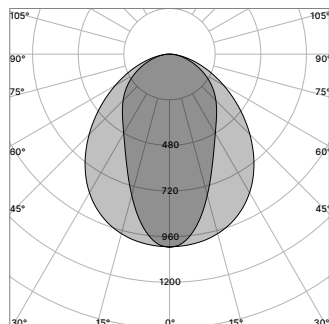
	Office	Lobby	Aisleway	Wall Wash	Grazer	Cove	Warehouse	Benefits
Batwing	•	•					•	Low-glare even distribution, ideal for most applications
Wide	•	•					•	Provides excellent coverage for general lighting installations
Medium	•	•					•	Delivers Uniform fc distribution without pixelation
Asymmetric	•	•		•		•		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

NANOSquare Surface

XICO®

Photometrics

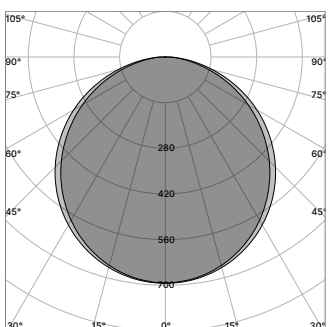
Tested at 3500K, 80+ CRI



Direct Medium 55°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1360	340	10.4	2.6	132
1948	487	14.8	3.7	131
2968	742	23.2	5.8	129
3956	989	32.0	8.0	124

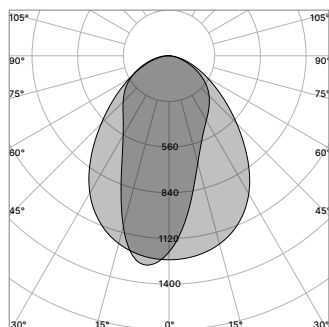
NSQ95-4FT-3580-AL-DM55, tested at 3500K, 80+ CRI



Direct Wide 110°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1385	346	11.9	3.0	117
2029	507	17.6	4.4	115
3047	762	27.4	6.9	111
4000	1000	36.3	9.1	110

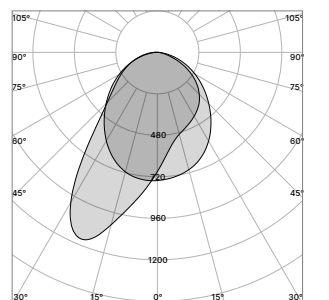
NSQ95-4FT-3580-AL-DW110, tested at 3500K, 80+ CRI



Graze 40° at 5°

Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1403	351	10.7	2.7	131
1990	498	15.3	3.8	130
2952	738	23.1	5.8	128
3992	998	32.1	8.0	124

NSQ95-4FT-3580-AL-DG4005, tested at 3500K, 80+ CRI



Asymmetric 50° at 25°

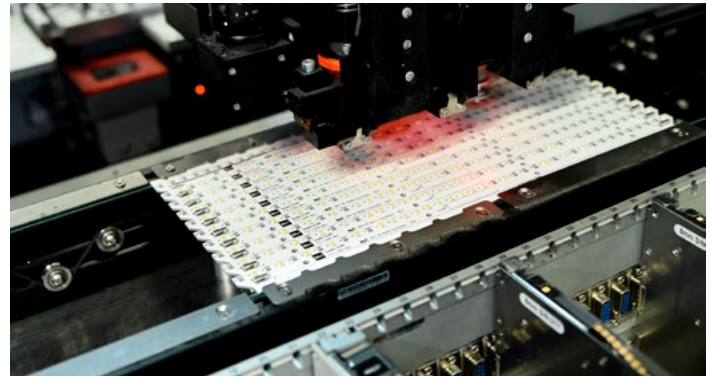
Lumens	Lumens/ft	Watts	Watts/ft	Efficacy LPW
1384	346	10.4	2.6	134
2031	508	15.3	3.8	133
2994	745	23.1	5.8	130
3983	996	31.8	8.0	125

NSQ95-4FT-3580-WT-DA5025, tested at 3500K, 80+ CRI

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.

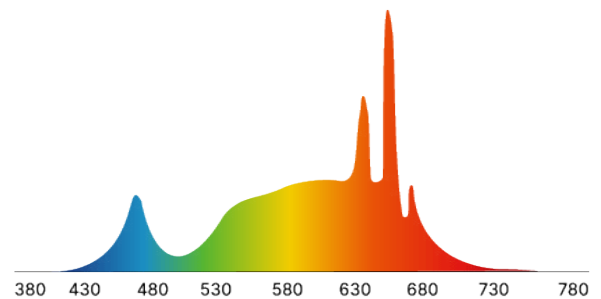


Fusion Optix® manufacturing LED engines in Woburn, MA

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.

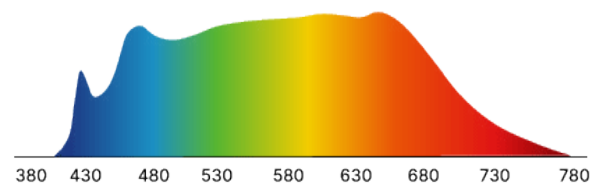
CCT	CIE Ra	TM-30 Rf	TM-30 Rg
3500K	94	90	103



XICO Standard 90+ CRI LED

Full Spectrum, Tunable Control

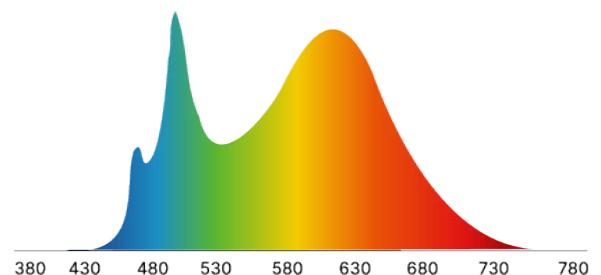
XICO's in-house LED engine design and assembly allows for custom offerings in every category. Full Spectrum, Dim-to-warm, Tunable-White, RGBW, and application specific custom configurations.



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

[Nano 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.