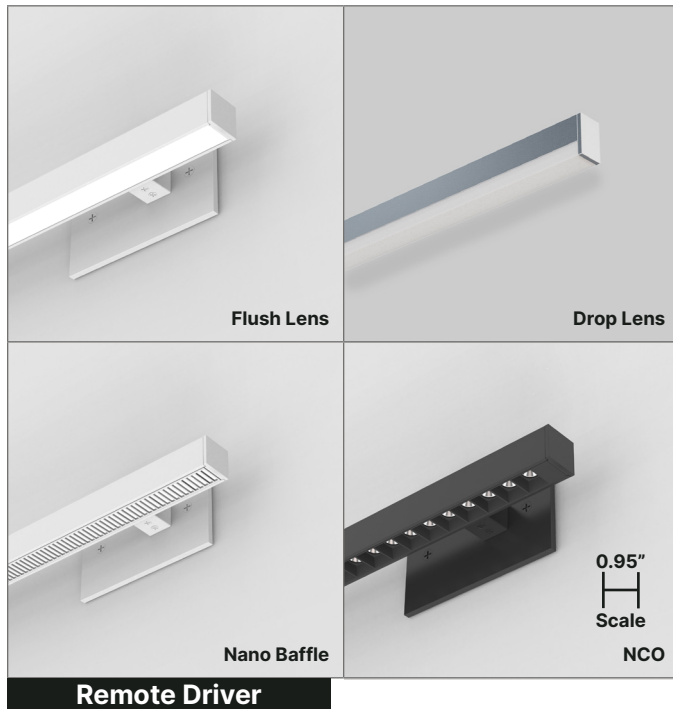


NANOSquare Wall

Direct, Indirect, Direct / Indirect | Standard Lengths

Project Name _____

Fixture Type _____

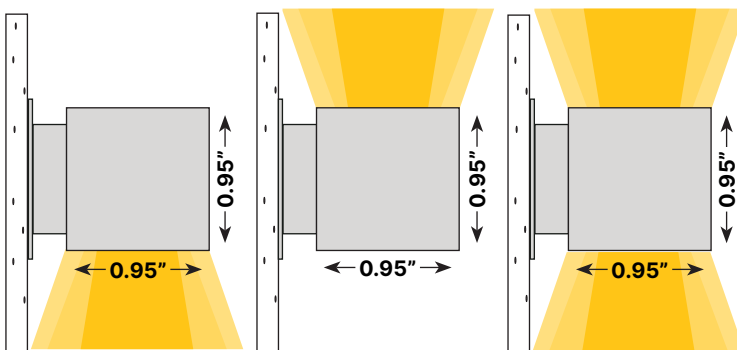


LIGHTING CONFIGURATIONS

Direct

Indirect

Direct / Indirect



XICO®

DESCRIPTION

0.95" Compact Linear LED Wall Mount

NANOSquare Wall is 0.95" square wall-mounted fixture, bringing SmartBeam® capabilities to a ultra-small graphic scale that complements any architectural space. NANOSquare Wall can be mounted flush to the wall or in a stand-off configuration with a choice of distance from the wall surface. NANOSquare wall features a specification-grade LED light engine providing a choice of CRI, CCT and lumen options. The fixture is powered by a remote driver to remove visual bulk.

FEATURES & BENEFITS

Exceptional Performance

Up to 1,000 lm/ft, 135 lm/W efficacy

Wide Range of LED Selections

Static, Tunable White, and Dim-to-Warm

Designed with Options

Wide choice of SmartOptic® lenses, beam distributions, 8090/95+ CRI, 2200K to 6500K CCT, and 0-10V, DALI, DMX, and TRIAC dimming

Patented Innovations

Fusion® Optix Inside with unique SmartBeam® capabilities

Proprietary Optical Components

Provides excellent light distribution and high-transmission

Committed to Sustainability

Declare Listed and Red Free List materials

Compliance

UL Listed, Dry and Damp Locations

5-Year Warranty

Standard 5-year warranty, 50,000 hours




Designed & Built in
BOSTON

FIXTURE ORDERING

Project Name _____

Fixture Type _____

1) FIXTURE DESIGN

PRODUCT	FIXTURE LENGTH	FINISH	END CAP STYLE
NSQ95-W 0.95" Compact Linear LED Wall Mount	2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft X_ - Specify Ft', In" Custom fixtures are available in 3" increments beyond standard lengths.	Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL_ - Specify RAL # Anodized ACL - Clear Anodized ACU_ - Custom Anodized #	E1 - Flat End Cap

2) LED LIGHT ENGINE

CRI	CCT	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT
80 - Std. 80 CRI 90 - Std. 90 CRI 95 - High-Def. 95 CRI SUN - Full SunLike	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K XD - Dim-to-Warm ¹ XT - Tunable ¹ X_ - Specify CCT Specify Dim-to-Warm and Tunable between 2700K-6500K.	OFL - Flush Lens ONBW - Nano Baffle, White ONBB - Nano Baffle, Black OSDL05 - Square Drop Lens 1/2" OSNCOW - Square NCO, White OSNCOB - Square NCO, Black ORNCOW - Round NCO, White ORNCOB - Round NCO, Black ORNCOG - Round NCO, Graphite	NN - Not Needed DLAM - Lambertian DBW60 - Batwing 60° DDA70 - Double Asym 70° DA5025 - Asym 50° at 25° Tilt DA4005 - Asym 40° at 5° Tilt DM55 - Medium 55° DN40 - Narrow 40° X_ - Specify Beam ¹ NN - Not Needed DLAM - Lambertian DS45 - Nano Cavity Optics Spot 45° DS35 - Nano Cavity Optics Spot 35° DS25 - Nano Cavity Optics Spot 25°	NN - Not Needed 35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft
INDIRECT BEAM PATTERN	INDIRECT OUTPUT	CIRCUIT		
NN - Not Needed ILAM - Lambertian IBW120 - Batwing120° IFT150 - FlatTop 150° IA6040 - Asym 60° at 40° Tilt IA4560 - Asym 45° at 60° Tilt X_ - Specify Beam ¹	NN - Not Needed 35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft	1CH - 1 Circuit (Standard) 2CH - Bi-Directional 2 Circuit (Optional)		

3) FIXTURE POWER & CONTROLS

LINE VOLTAGE (DC)	REMOTE DRIVER (POWER) ²	
UNV - 120/277V 347 - 347V	FDND - Factory Non-Dimming FD00 - Factory 0-10V 0.1% Dim FD01 - Factory 0-10V 1% Dim FD10 - Factory 0-10V 10% Dim FDDA - Factory DALI 0.1% Dim FDDX - Factory DMX Dim FDTR - Factory TRIAC Dim LD01 - Lutron Hi-Lume 1% Dim X_ - Specify Driver	Footnotes: ¹ Contact factory about custom beam options. ² Standard driver box is included

4) FIXTURE MOUNTING & CONNECTIONS

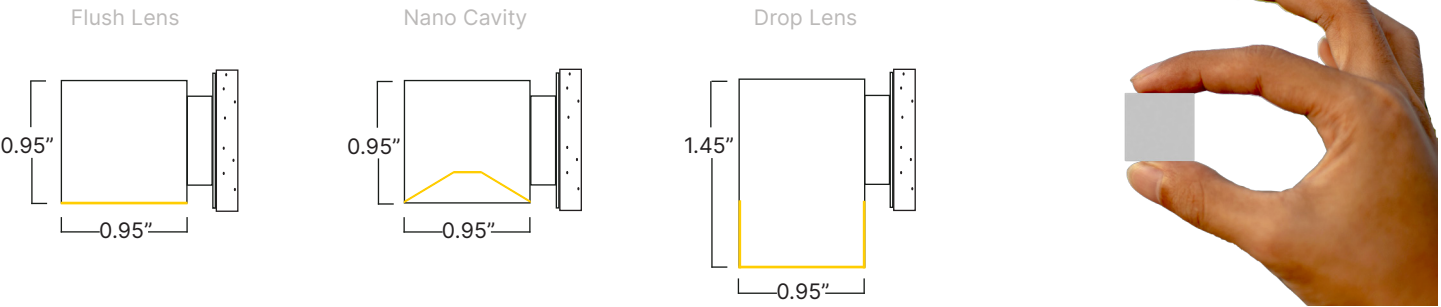
MOUNTING TYPE	MOUNTING KIT
WM - Wall Mount	WM2W - 2.8" White Stainless Steel Wall Mounting Plate WM 2B - 2.8" Black Stainless Steel Wall Mounting Plate

OPTIONAL

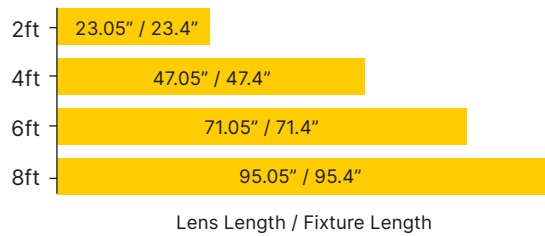
EMERGENCY BACKUP	WIRELESS MODULE
EMC - Emergency Circuit EMB - Emergency Battery (10 W — Remote) X_ - Specify Backup Specify requirements at time of order.	WCN - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box) PIR - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10') MW - Wireless Communication Node + MW Sensor (Standard for Low Bay < 10') X_ - Other – Specify Embedded Component or Specific Non-Standard Sensor Detection Range

DIMENSIONS & INSTALLATION

Dimensions



Standard Fixtures



Mounting Type

Wall Mount Installs onto a wall. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

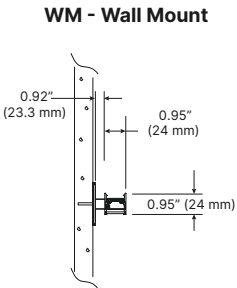
Mounting Kit

Wall Mounting Kit 2.8" Stainless Steel Wall Mounting Plate, White and Black

Power Feed

Power Whip 12"

Mounting Option



SMARTBEAM® TECHNOLOGY

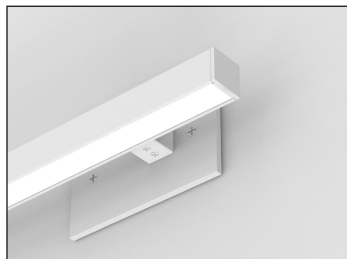
The Ultimate Control of Lighting Distributions

SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every XICO product; it is now possible to create truly tailored and engaging lighting that transform spaces, improves visual comfort, and saves energy.

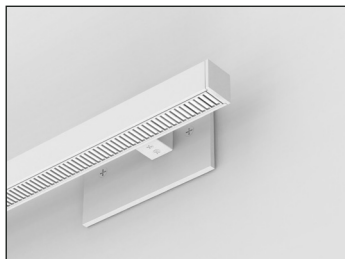
To learn more about our SmartBeam Technology, please click or scan the QR Code.



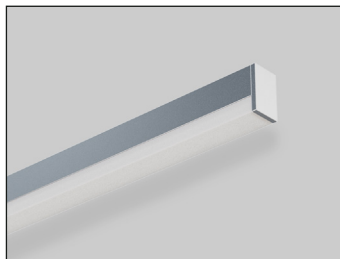
Direct Optics Choices



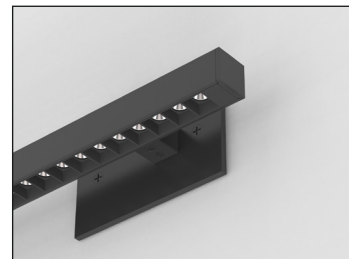
FL - Flush Lens



NB - Nano Baffle



SDL - Square Drop Lens 1/2"



NCO - Nano Cavity Optics

DIRECT OPTICS	BEAM PATTERN									
	DLAM	DBW60	DDA70	DA5025	DA4005	DM55	DN40	DS45	DS35	DS25
Flush Lens	■	■	■	■	■	■	■			
Nano Baffle	■	■	■	■	■	■	■			
Drop Lens 1/2"	■									
NCO								■	■	■

LPW Efficacy Conversion Chart

CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
80	–	0.91	0.96	1.00	1.04	1.11	1.11	1.11
90	–	0.91	0.96	1.00	1.04	1.11	1.11	1.11
95	–	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN	–	0.90	0.92	1.00	1.01	1.07	1.04	1.05

LPW Performance

	DIRECT									
	DLAM	DBW60	DDA70	DA5025	DA4005	DM55	DN40	DS45	DS35	DS25
LM/W	111	123	123	130	128	129	116	82	82	82

	INDIRECT				
	ILAM	IBW120	IFT150	IA6040	IA4560
LM/W	150	159	155	164	164

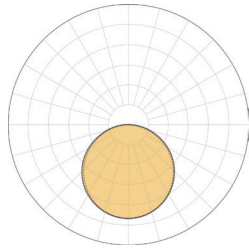
$$LM/W = \frac{\left(\begin{array}{c} \text{DIRECT} \\ \text{LM/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{LM/FT} \end{array} \right)}{\left(\begin{array}{c} \text{DIRECT} \\ \text{W/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{W/FT} \end{array} \right)}$$

DIRECT PHOTOMETRICS

48" Length, 80+/3500K CRI/CCT, 3,000 Lumens

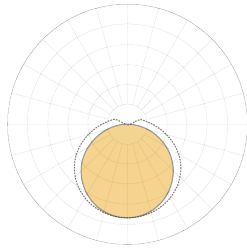
Static White Light

DLAM: Lambertian



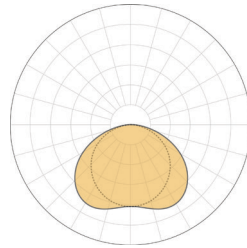
LM/FT	W/FT	LM/W
350	3.2	109.4
500	4.6	108.7
750	6.9	108.7
1000	9.2	108.7

DLAM: Lambertian w/ 1/2" Drop Lens



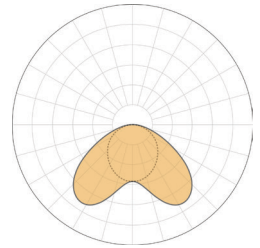
LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	142.9
750	5.3	142.7
1000	7.1	140.8

DBW60: Batwing 60°



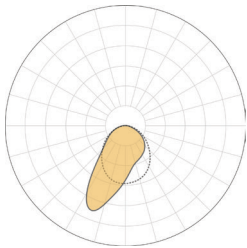
LM/FT	W/FT	LM/W
350	2.8	123
500	4	125
750	6	125
1000	8	125

DDA70: Double Asymmetric 70°



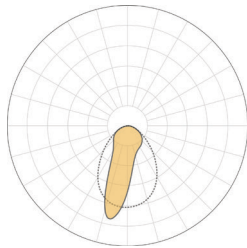
LM/FT	W/FT	LM/W
350	2.8	125
500	4.1	122
750	6.1	123
1000	8.1	123.5

DA5025: Asymmetric 50° at 25° Tilt



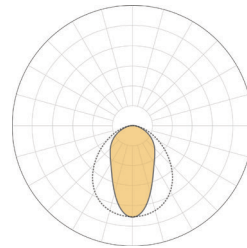
LM/FT	W/FT	LM/W
350	2.8	123
500	4	125
750	6	125
1000	8	125

DA4005: Asymmetric 40° at 5° Tilt



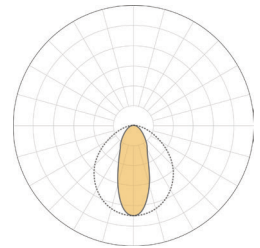
LM/FT	W/FT	LM/W
350	2.8	125
500	3.9	128.2
750	5.9	127.1
1000	7.9	126.6

DM55: Medium 55°



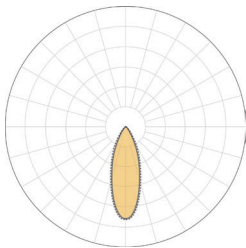
LM/FT	W/FT	LM/W
350	2.8	125
500	3.9	128.2
750	5.9	127.1
1000	7.9	126.6

DN40: Narrow 40°



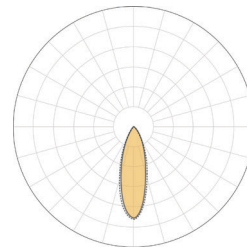
LM/FT	W/FT	LM/W
350	2.8	123
500	4	125
750	6	125
1000	8	125

DS45: Nano Cavity Optic Spot 45°



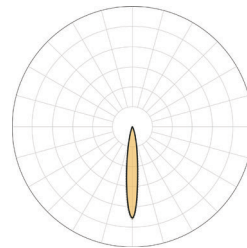
LM/FT	W/FT	LM/W
350	4.2	83.3
500	6	83.3
750	9	83.3
1000	12	83.3

DS35: Nano Cavity Optic Spot 35°



LM/FT	W/FT	LM/W
350	4.2	83.3
500	6	83.3
750	9	83.3
1000	12	83.3

DS25: Nano Cavity Optic Spot 25°



LM/FT	W/FT	LM/W
350	4.2	83.3
500	6	83.3
750	9	83.3
1000	12	83.3

COMPATIBLE OPTIC

FLUSH LENS



NANO BAFFLE



DROP LENS



NCO

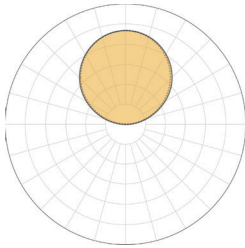


INDIRECT PHOTOMETRICS

Static White Light

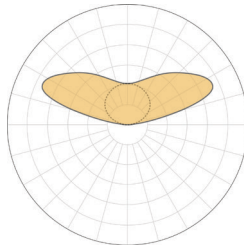
48" Length, 80+/3500K CRI/CCT, 4,000 Lumens

ILAM: Lambertian



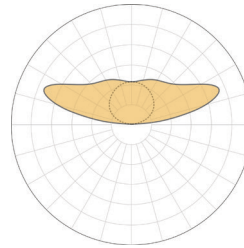
LM/FT	W/FT	LM/W
350	3.3	106.1
500	4.7	106.4
750	7.1	105.6
1000	9.5	105.3

IBW120: Batwing 120°



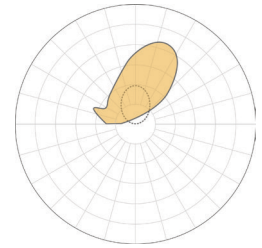
LM/FT	W/FT	LM/W
350	2.2	159
500	3.1	161.2
750	4.7	160
1000	6.3	158.7

IFT150: FlatTop 150°



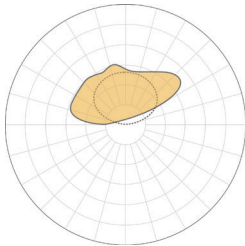
LM/FT	W/FT	LM/W
350	2.2	159
500	3.1	161.2
750	4.7	160
1000	6.3	158.7

IA6040: Asymmetric 60° at 40° Tilt



LM/FT	W/FT	LM/W
350	2.2	159
500	3.1	161.2
750	4.7	160
1000	6.3	158.7

IA4560: Asymmetric 45° at 60° Tilt



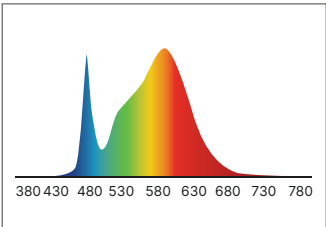
LM/FT	W/FT	LM/W
350	2.2	159
500	3.1	161.2
750	4.7	160
1000	6.3	158.7

OPTICS CONFIGURATIONS

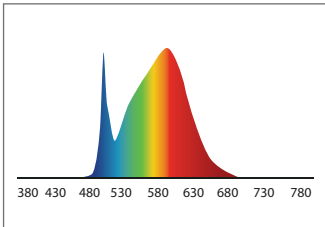
Flush Lens	Square Drop Lens 1/2"	Nano Baffle	Square NCO	Round NCO
White Flush Lens OFL	White Square Drop Lens 1/2" OSDL05	White Nano Baffle ONBW	White Square NCO OSNCOW	White Round NCO ORNCOW
		Black Nano Baffle ONBB	Black Square NCO OSNCOB	Black Round NCO ORNCOB
				Graphite Round NCO ORNCOG

LED OPTIONS

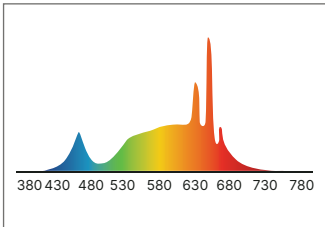
80: Standard 80+ CRI



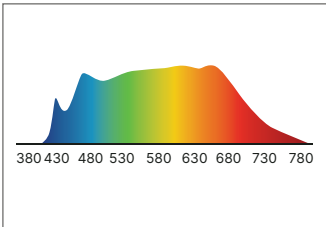
90: Standard 90+ CRI



95: High-Definition 95+ CRI



SUN: Full Spectrum "SunLike"



CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
95	High Definition 95 CRI	3500K	97.1	95	–	–	–	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	–	–	–	–	130

POWER & CONTROLS

Voltage

Fixture Voltage (AC)

120–277 VAC
347 VAC, 50/60 Hz

Power Location

Remote

LED Driver

Factory Selected, 36–39V Constant Current

Drivers

FDND - Factory Non-Dimming
FD00 - Factory 0–10V 0.1% Dim
FD01 - Factory 0–10V 1% Dim
FD10 - Factory 0–10V 10% Dim
FDDA - Factory DALI 0.1% Dim
FDDX - Factory DMX Dim
FDTR - Factory TRIAC Dim
LD01 - Lutron Hi-Lume 1% Dim
X_ - Specify Driver

Emergency Backup (Optional)

EMC - Emergency Circuit
EMB - Emergency Battery
(10 W — Remote)
X_ - Specify Backup

Power

10 W

Illumination Time

90 minutes

IP Rating

Suitable for Dry and Damp Locations,
indoor use only

XBox

Remote Driver Boxes (Optional)

To create a clean and organized power solution for multiple fixture installations see our XBox Specification Guide. Reach out to a XICO Sales Representative to discuss your project's needs.

Compatible Control Options



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