

MICROFlat375 Wall

Direct, Indirect, Direct / Indirect | Standard Lengths

Project Name _____

Fixture Type _____

XICO®



DESCRIPTION

0.5" x 3.75" Low-Profile Wall Mounted Fixture

The MICROFlat375 Wall from XICO is an innovative ultra-slim and compact wall-mounted LED linear product providing best-in-class efficiency and beam control options. The MICROFlat375 is designed to be specification-grade with high lumen per foot, high CRI, and circadian options. MICROFlat375 does not rely on low-cost LED tape but rather engineered light engines with fully customizable choices for lumen output, CCT, and CRI.

FEATURES & BENEFITS

Exceptional Performance

3.75" x 0.5" fixture delivering up to 1,000 lm/ft, 150 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, 80/90/95+ CRI, 2700K 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

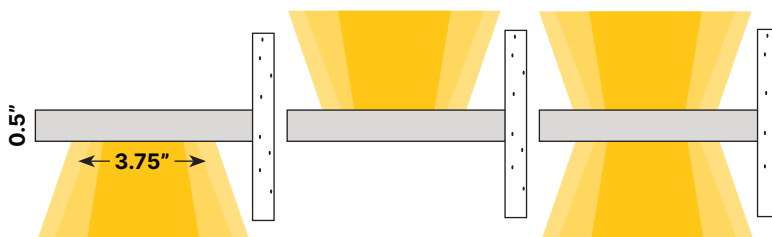
Standard 5-year warranty, 50,000 hours

LIGHTING CONFIGURATIONS

Direct

Indirect

Indirect / Direct



Declare



bios



Designed & Built in
BOSTON

Project Name

Fixture Type

PRODUCT

3.75" Low-Profile Linear LED Light Fixture

1 - 1 ft
2 - 2 ft
4 - 4 ft
6 - 6 ft
8 - 8 ft

Powder Coated
PMW - Matte White
PMB - Matte Black
PMG - Matte Gray
PRAL_ - Specify RAL #

Anodized
ACL - Clear Anodized
ACU_ - Custom Anodized #

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
XT - Tunable
X_ - Specify CCT

Specify Dim-to-Warm and
Tunable between 2700K-6500K.

OFL - Flush Lens

NN - Not Needed
DW110 - Wide 110°
DBW60 - Batwing 60°
DM50 - Medium 50°
DA7025 - Asym 70° at 25° Tilt
DA6005 - Asym 60° at 5° Tilt
DA6005S - Asym 60° at 5° Tilt w/
glare shield

EDGE LIT WAVEGUIDE TECHNOLOGY

DW120LG - Wide 120°
DA6515LG - Asym 65° at 15° Tilt
DA8010LG - Asym 80° at 10° Tilt
DA4060LG - Asym 40° at 60° Tilt

X_ - Specify Beam¹

NN - Not Needed
35 - 350 lm/ft
50 - 500 lm/ft
75 - 750 lm/ft
100 - 1,000 lm/ft
X_ - Specify lm/ft

ORMCOW - Round MCO, White
ORMCOB - Round MCO, Black
ORMCOG - Round MCO, Graphite

DS45 - Micro Cavity Optic Spot
45°

INDIRECT BEAM PATTERN

INDIRECT OUTPUT

CIRCUIT

NN - Not Needed
ILAM - Lambertian
IBW60 - Batwing 60°
IM50 - Medium 50°
IA4560 - Asym 45° at 60° Tilt
X_ - Specify Beam¹

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, Independant Direct and Indirect Control)

4) FIXTURE MOUNTING & CONNECTIONS

LINE VOLTAGE (DC)

REMOTE DRIVER (POWER)²

MOUNTING TYPE

CONNECTOR

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

DWM - Direct Wall Mount
MWM - Mud-In Wall Mount

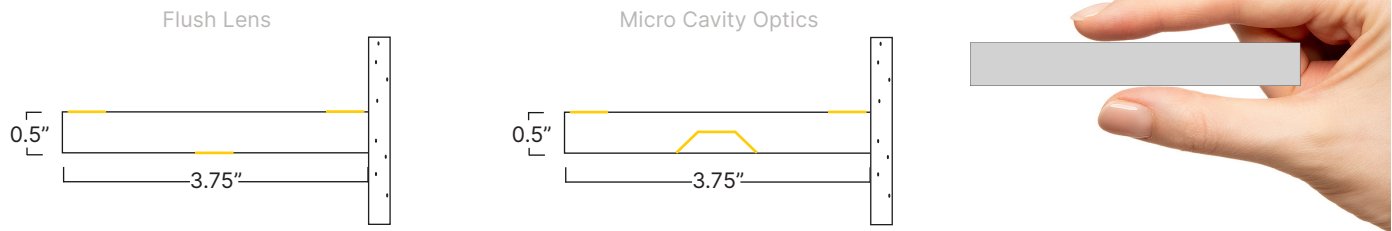
SW - Strip Wire

Footnotes: ¹ Contact factory about custom beam options. ² Standard driver box is included.

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

2ft	23.05" / 23.4"
4ft	47.05" / 47.4"
6ft	71.05" / 71.4"
8ft	95.05" / 95.4"

Lens Length / Fixture Length

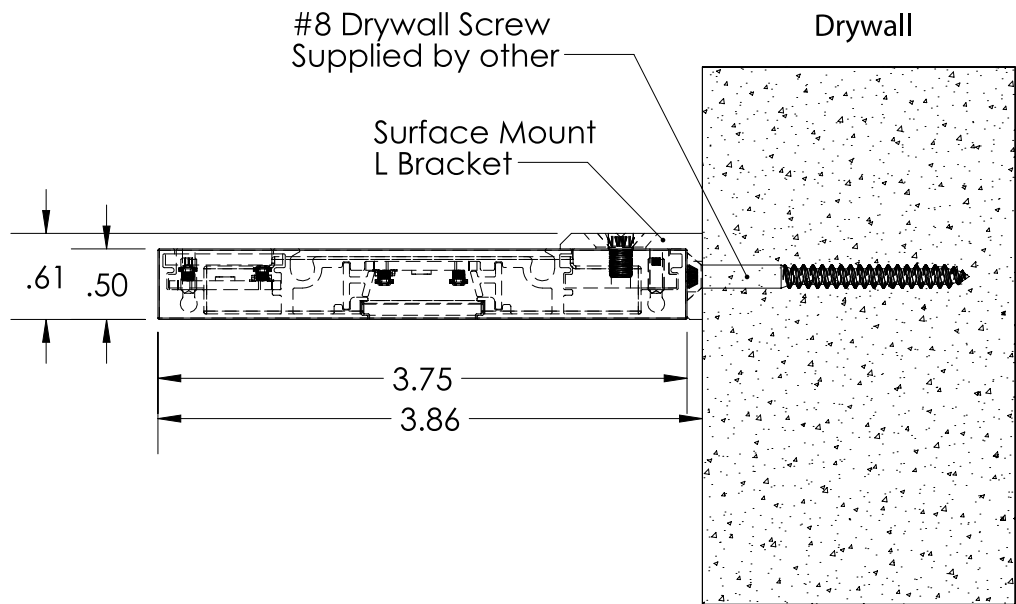
Mounting Options

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

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**

DIRECT OPTICS	BEAM PATTERN				
	DLAM	DBW60	DM50	DA5525	DS45
Flush Lens					
Micro Cavity Optics					

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	DM50	DA5525	DS45
LM/W	130	149	149	149	82

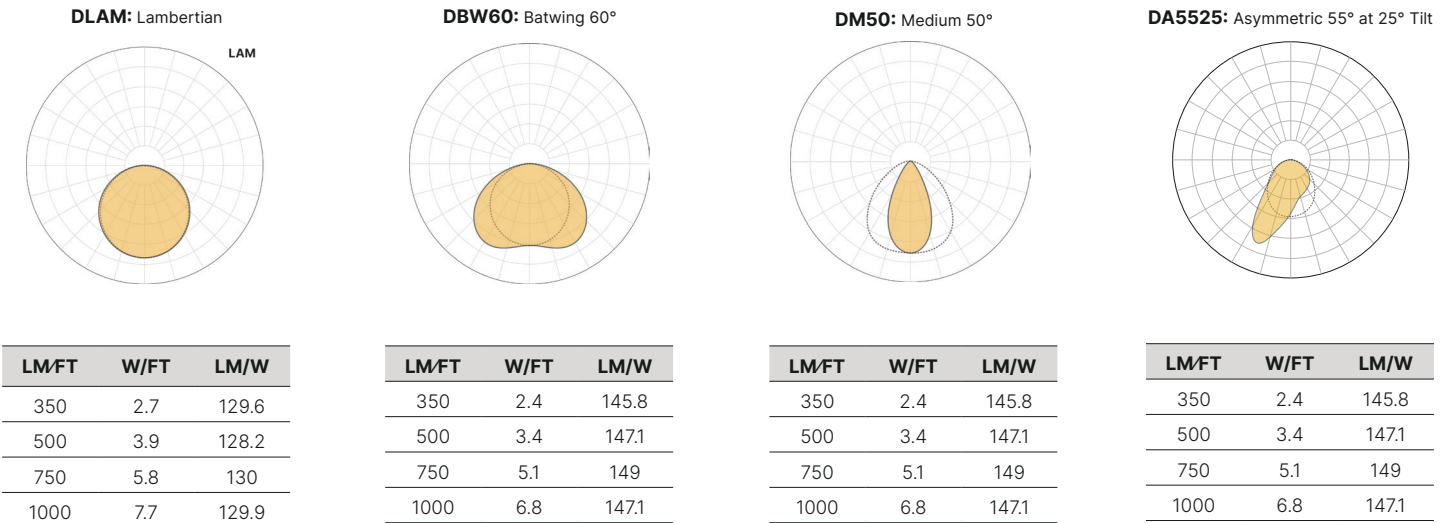
	INDIRECT		
	ILAM	IBW60	IA4560
LM/FT	130	149	149

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

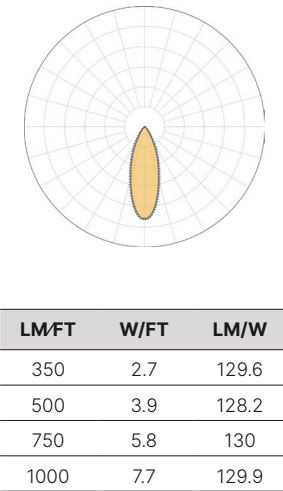
DIRECT PHOTOMETRICS

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

Static White Light

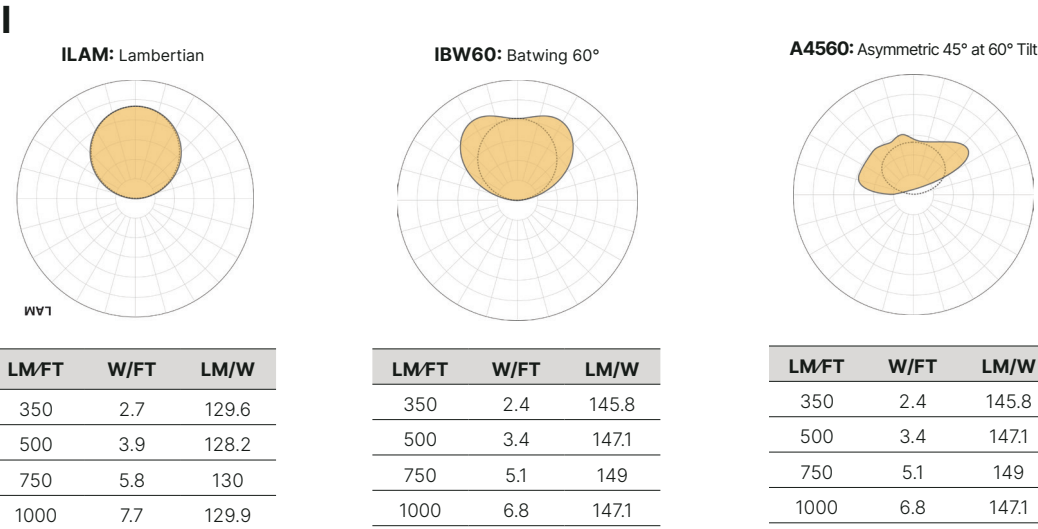


DS45: Micro Cavity Optics Spot 45°

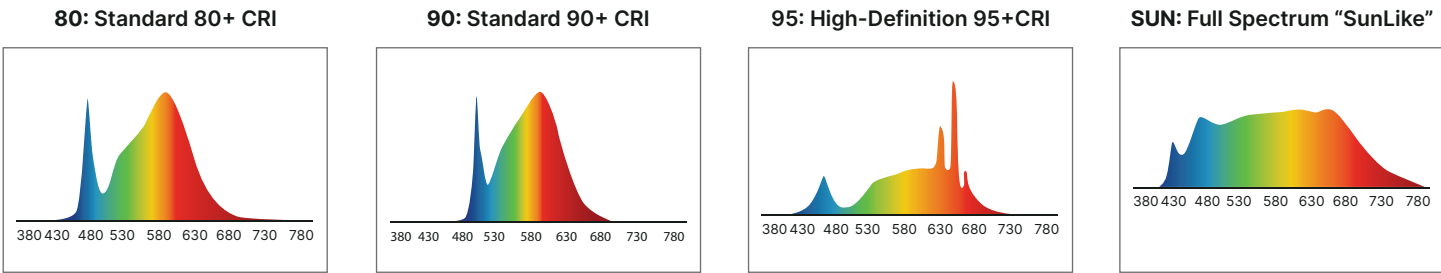


INDIRECT PHOTOMETRICS

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



LED OPTIONS



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 RatingSuitable 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



TECHNICAL SPECIFICATIONS

Finishes & Design Options

Housing Colors (Matte Finish)

White (RAL9003)
Black (RAL9005)
Gray (RAL7001)
Custom RAL



Housing Material

6063-T5 extruded, recycled aluminum

Mounting Brackets

Sheet Metal

Flat End Cap Material

Machined or cast aluminum

Lens Options and Material

Patented SmartOptics® made from Acrylic (PMMA)

Standards & Certifications

Sustainability

Low carbon, environmentally conscious packaging and shipping methods

Compliance

BABAA & TAA compliant in-house manufacturing in Boston, MA with North American supply chain



Certifications



Declare Listed and Red List Free

Low carbon, environmentally conscious packaging and shipping methods

Recyclable

SmartOptics and all powder coated and anodized parts are fully recyclable at end of life

Manufacturing

All XICO products and associated optics and LED engines are assembled at our factory in Woburn, MA

Quality Assurance

Each product is engineered reliability and quality assurance tested

Declare.

Nano Series

XICO Lighting

Final Assembly: Woburn, MA, USA
Life Expectancy: 10+ Years
End of Life Options: Recyclable (99%)

Ingredients:

Aluminum, Glass, oxide, chemicals, Polymethyl methacrylate, Phenol, 4,4'-O-methylhydroquinone, polymer with 2,2'-(3,3'-methylenebis(4-methyl-5-phenyleneoxy)methylene)bis(phenol), 1,3-benzenedicarboxylic acid, 1,3-dimethyl imide, polymer with 1,4-dimethyl 1,4-benzenedicarboxylic acid and 1,2-ethanediol, Polyethylene Glycol, Polyethylene Terephthalate, Barium sulfate, Hexamethylenesiloxane, Phosphoric acid, phosphoric acid, diphenyl ether, iron, titanium and silicones, d-mc, Chromium, metallic, Gold, Nanoparticles, Titanium, Zinc, Nickel, Phenolic.

Declare Listed

At Xico Lighting, we are committed to transparency and sustainability. That's why all our products are Declare listed, providing clear insights into their environmental footprint and safety. Look for these internationally recognized labels on Xico products, packaging, or at xicoled.com/declare.

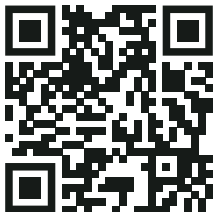


Red List Free

Xico Lighting is dedicated to creating safe, sustainable solutions. All our products are Red List Free, meeting the highest industry standards for healthy and environmentally responsible materials as defined by the International Living Future Institute (ILFI). Learn more at xicoled.com/declare.

Quick Links

5-YR Warranty



Business Terms



Patents & Trademarks



SmartBeam



Revit Files

