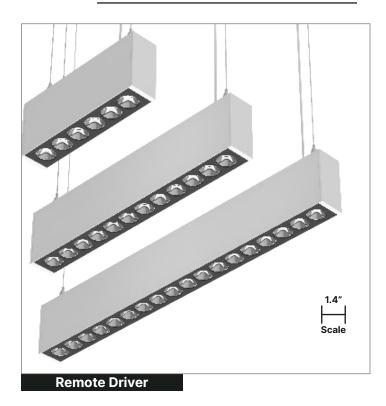
MICRODash MCO Pendant



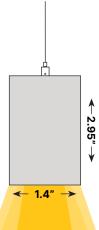
Direct | Standard Lengths

Project Name



LIGHTING CONFIGURATIONS







DESCRIPTION

Micro-Aperture Downlight with Controlled Lighting

MICRODash Pendant is a 1.4" linear for suspension below sheetrock ceiling, suspended grid ceilings or equivalent. MICRODash Pendant can be supplied with either a remote or integral, field serviceable, on-board driver. MICRODash Pendant brings SmartBeam® capabilities up to a powerful 2000 lumens per foot combined direct and indirect. Its small size designed to compliment architectural space. MICRODash Pendant is fully field serviceable and can be supplied in continuous runs and a variety of visually appealing shapes.

FEATURES & BENEFITS

Exceptional Performance

Low Glare (UGR<16), Up to 1,000 lm/ft, 150 lm/W efficacy

Wide Range of LED Selections

Static

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



















50 - 500 lm/ft

75 - 750 lm/ft

100 - 1,000 lm/ft

X_ - Specify Im/ft

DS35 - Micro Cavity Optic Spot

DS45 - Micro Cavity Optic Spot

45°

FIXTURE ORDERING

Project Name Fixture Type

1) FIXTURE DESI	GN						
PRODUCT	FIXTURE LENGTH	FINISH					
MDA-MCO-P							
Linear LED MCO Down- light Pendant	6C - 6 Cell 12C - 12 Cell 18C - 18 Cell	Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL Specify RAL # Anodized ACL - Clear Anodized ACU Custom Anodized #					
2) LED LIGHT EN	GINE						
CRI	сст	OPTIC (DIRECT ONLY)	DIRECT BEAM PATTERN	DIRECT OUTPUT			
80 - Std. 80 CRI 90 - Std. 90 CRI	27 - 2700K 30 - 3000K	ORMCOWB - Round MCO, White w/ Black Cover ORMCOBB - Round MCO, Black w/ Black Cover	DS25 - Micro Cavity Optic Spot 25°	NN - Not Needed 35 - 350 lm/ft			

ORMCOGB - Round MCO, Graphite w/ Black Cover

ORMCOCB - Round MCO, Copper w/ Black Cover

ORMCOCHB - Round MCO, Chrome w/ Black Cover

3) FIXTURE POWER & CONTROLS

SUN - Full SunLike

95 - High-Def. 95 CRI

35 - 3500K

40 - 4000K

X_ - Specify CCT

5, I IX I GRE I GW	ER & CONTROLO	
LINE VOLTAGE (DC)	REMOTE DRIVER (POWER) ¹	
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 Standard driver box is included

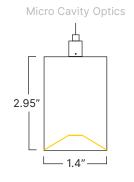
4) FIXTURE MOUNTING & CONNECTIONS

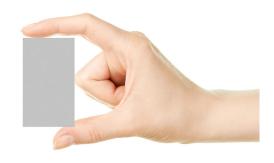
MOUNTING TYPE	POWER CORD
DJ - Drywall/J-Box Mount TC1 - 9/16" Flat T-Bar Mount TC2 - 9/16" Bolt Slot T-Bar Mount TC3 - 15/16" Flat T-Bar Mount TC1, TC2 and TC3 clips directly to grid t-bar.	P48W - 48" White Cord P48B - 48" Black Cord P96W - 96" White Cord P96B - 96" Black Cord

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

DIMENSIONS & INSTALLATION

Dimensions





Standard Fixtures



Mounting Type

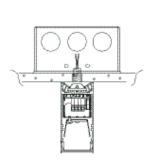
T-Bar Mount

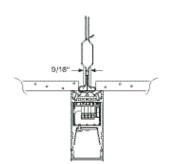
Drywall/J-Box Mount

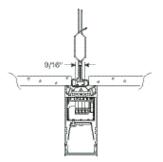
Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements.

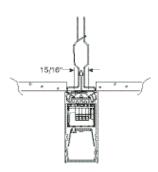
Installs onto a surface via a junction box.

Mounting Options









DJ - Drywall/J-Box Mount

T1 - 9/16" Flat T-Bar Mount

T2 - 9/16" Bolt Slot T-Bar Mount

T3 - 15/16" Flat T-Bar Mount

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	S45	S35	S25
мсо			

LPW Efficacy Conversion Chart

	CCT SELECTED							
CODE	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

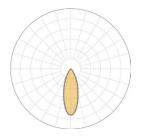
	DIRECT				
MCOS45 MCOS35 MCC					
LM/W	82	82	82		

DIRECT PHOTOMETRICS

Static White Light

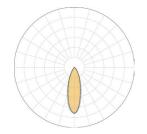
48" Length, 80+/3500K CRI/CCT, 3,000 Lumens

\$45: Micro Cavity Optic Spot 45°



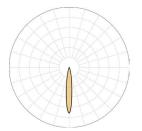
LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6

\$35: Micro Cavity Optic Spot 35°



LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6

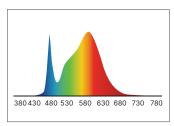
\$25: Micro Cavity Optic Spot 25°



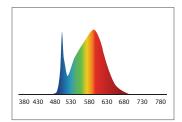
LM/FT	W/FT	LM/W
350	4.2	83.3
500	6.1	82
750	9.1	82
1000	12.1	82.6

LED OPTIONS

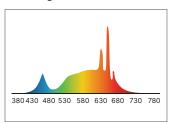
80: Standard 80+ CRI



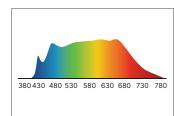
90: Standard 90+ CRI



95: High-Definition 95+CRI



SUN: Full Spectrum "SunLike"



		TYPICAL LED DATA							
CODE	DESCRIPTION	ССТ	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 you projects 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 Brackes

Sheet Metal

Flat End Cap Material

6063-T5 extruded, recycled 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 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

