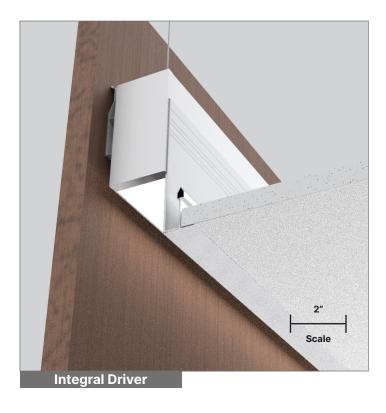
PROBeam2 Perimeter

Direct | Standard Lengths

Project Name

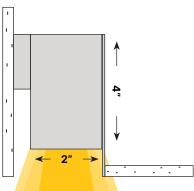


XICO®



LIGHTING CONFIGURATIONS





DESCRIPTION

2" High Performance Linear LED Perimeter Mount

PROBeam2 Perimeter is a 2" aperture linear recessed fixture for grid, drywall or hard surface applications. PROBeam2 Perimeter brings SmartBeam® capabilities providing wide, narrow, grazer and asymmetric optics choices. The PROBeam2 Perimeter is designed to be specification grade with a wide range of high quality LED options, including high CRI, full spectrum sunlight and circadian options. The 2" aperture delivers comfortable illumination in a wide range of beam distributions while achieving high efficacy, and energy-saving performance.

FEATURES & BENEFITS

Exceptional Performance
Up to 1,500 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



















Project Name Fixture Type

4) 51/71 125 256						
1) FIXTURE DESIG						
PRODUCT	FIXTURE LENGTH		FINISH			
PBE2-RP 2" High-Performance Linear LED Perimeter Mount	2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft X Specify Ft', In" Custom fixtures are in 3" increments bey standard lengths.		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 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-Warn Tunable between 2700K-6500K.	m and	OFL - Flush Lens ORL - Regressed Lens OCRL - Continuous Reg Lens ¹	gressed	DLAM - Lambertian DA5025 - Asym 50° at 25° Tilt DA4005 - Asym 40° at 5° Tilt DM55 - Medium 55° DN40 - Narrow 40° X Specify Beam²	35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X Specify lm/ft
3) FIXTURE POW						
LINE VOLTAGE (DC)	INTEGRAL DRIVER (POWER) ³				
UNV - 120/277V 347 - 347V	FDND - Factory No FD00 - Factory 0-1 FD01 - Factory 0-1 FD10 - Factory 0-1 FDDA - Factory DA FDDX - Factory DN FDTR - Factory TRI LD01 - Lutron Hi-Li X Specify Driver	0V 0.1% Din 0V 1% Dim 0V 10% Dim LI 0.1% Dim IX Dim AC Dim		Footnotes: ¹ C tion. ² Contact	Continuous Regressed Lens ships on a roll f t factory about custom beam options. ³ Sta	or seamless lens installa- indard driver box is included
4) FIXTURE MOU		CTIONS	.			
MOUNTING TYPE		POWER CC	DRD			
M1 - Flush Perimeter M2 - 2" Recessed Perim M3 - 3" Recessed Perim			4" White Cable Kit " Black Cable Kit			

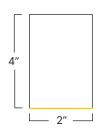
OPTIONAL	
EMERGENCY BACKUP	WIRELESS MODULE
EMC - Emergency Circuit	WCN - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)
EMB - Emergency Battery (10 W — Remote)	PIR - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')
X Specify Backup	MW - Wireless 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

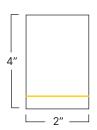
DIMENSIONS & INSTALLATION

Dimensions

Flush Lens

Regressed Lens







Standard Fixtures



Lens Length / Fixture Length

Mounting Type

Perimeter Mount

Installs into outer edges. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

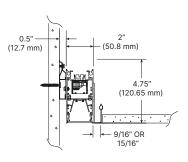
Cable Kit

Suspension Cable

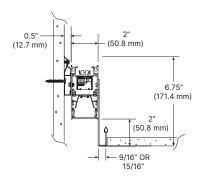
Stainless Steel

Mounting Options

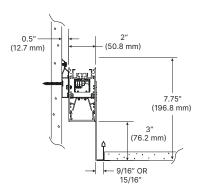
M1- Flush Perimeter



M2- 2" Recessed Perimeter



M3-3" Recessed Perimeter



M4 Optima Concealed 30"x30" ACT* M5 Calla Vector 24"x24" ACT*

*Images Coming Soon

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

	BEAM PATTERN						
DIRECT OPTICS	DLAM	DA5025	DA4005	DM55	DN40		
Flush Lens							
Regressed Lens							

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

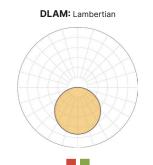
LPW Performance

	DIRECT						
	DLAM	DA5025	DA4005	DM55	DN40		
LM/W	142	143	139	137	136		

$$LM/W = \begin{pmatrix} & DIRECT \\ LM/FT & + & LM/FT \\ \hline \\ (& DIRECT \\ W/FT & + & W/FT \end{pmatrix}$$

DIRECT PHOTOMETRICS

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



LM/FT	W/FT	LM/W
350	2.5	140
500	3.5	143
750	5.3	142
1000	7.0	143



LM/FT	W/FT	LM/W
350	2.4	145.8
500	3.5	142.9
750	5.2	143
1000	6.9	144.9

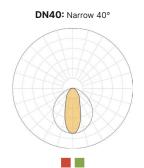


LM/FT	W/FT	LM/W
350	2.5	140
500	3.6	138.9
750	5.4	139
1000	7.2	138.9



Static White Light

LM/FT	W/FT	LM/W
350	2.6	134.6
500	3.7	135.1
750	5.5	137
1000	7.3	137



LM/FT	W/FT	LM/W
350	2.6	134.6
500	3.7	135.1
750	5.5	136
1000	7.3	137

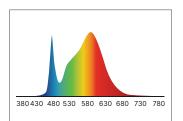
COMPATIBLE OPTIC						
FLUSH LENS	REGRESSED LENS					

OPTICS CONFIGURATIONS

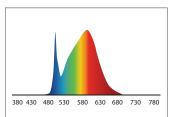
Flush Lens		Regressed Lens		Continuo	ıs Reg	ressed Lens			
White Flush Lens OFL		White Regressed Lens ORL		White Regressed Lens OCRL					

LED OPTIONS

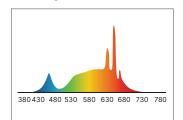
80: Standard 80+ CRI



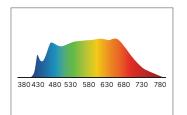
90: Standard 90+ CRI



95: High-Definition 95+CRI



SUN: Full Spectrum "SunLike"



CODE	DESCRIPTION	TYPICAL LED DATA							
		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

Integral

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







XICO.

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

Machined or cast alumninum

Lens Options and Material

Flush, Regressed, and Continuous Regressed lens options with 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



