

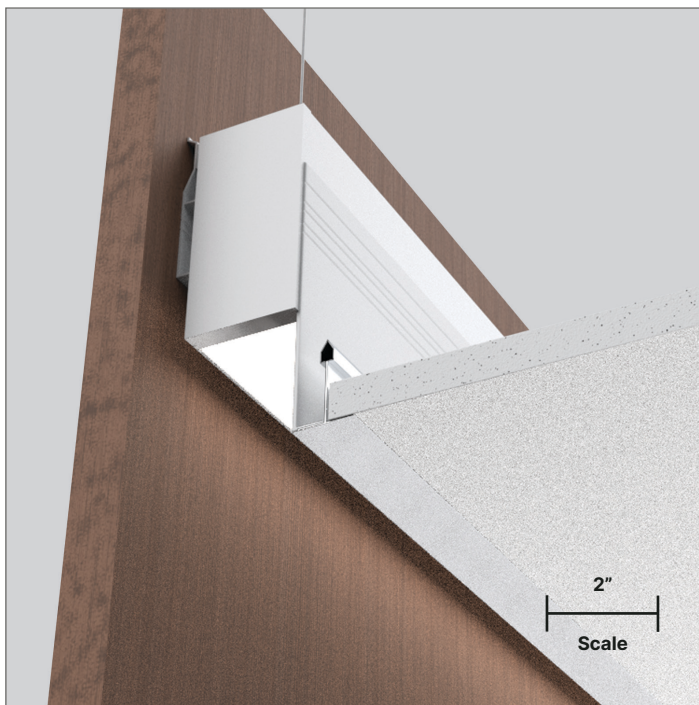
PROBeam2 Perimeter

Direct | Standard Lengths

Project Name _____

Fixture Type _____

XICO®



Integral Driver

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

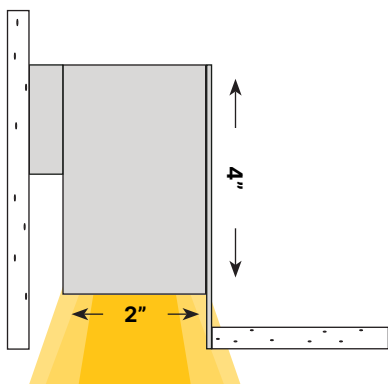
UL Listed, Dry and Damp Locations

5-Year Warranty

Standard 5-year warranty, 50,000 hours

LIGHTING CONFIGURATIONS

Direct



Declare



bios



Designed & Built in
BOSTON

Project Name _____

Fixture Type _____

1) FIXTURE DESIGN

| 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 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 # |

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 XT - Tunable X_ - Specify CCT Specify Dim-to-Warm and Tunable between 2700K-6500K. | OFL - Flush Lens ORL - Regressed Lens OCRL - Continuous Regressed Lens ¹ | DLAM - Lambertian DA5025 - Asym 50° at 25° Tilt DA4005 - Asym 40° at 5° Tilt DM55 - Medium 55° DN40 - Narrow 40° X_ - Specify Beam ² | 35 - 350 lm/ft 50 - 500 lm/ft 75 - 750 lm/ft 100 - 1,000 lm/ft X_ - Specify lm/ft |

3) FIXTURE POWER & CONTROLS

| LINE VOLTAGE (DC) | INTEGRAL DRIVER (POWER) ³ | |
|--|--|--|
| 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 Continuous Regressed Lens ships on a roll for seamless lens installation. ² Contact factory about custom beam options. ³ Standard driver box is included |

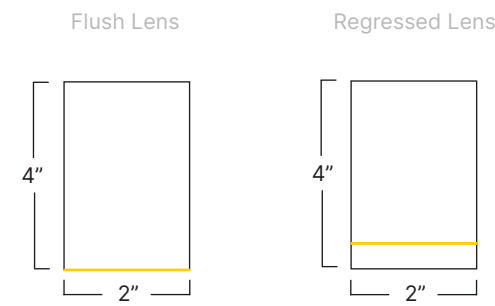
4) FIXTURE MOUNTING & CONNECTIONS

| MOUNTING TYPE | POWER CORD |
|---|--|
| M1 - Flush Perimeter M2 - 2" Recessed Perimeter M3 - 3" Recessed Perimeter | P24W - 24" White Cable Kit P24B - 24" Black Cable Kit |

| OPTIONAL | |
|---|---|
| EMERGENCY BACKUP | WIRELESS MODULE |
| <p>EMC - Emergency Circuit EMB - Emergency Battery (10 W — Remote) X_ - Specify Backup</p> <p>Specify requirements at time of order.</p> | <p>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</p> |

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 Type

Perimeter Mount

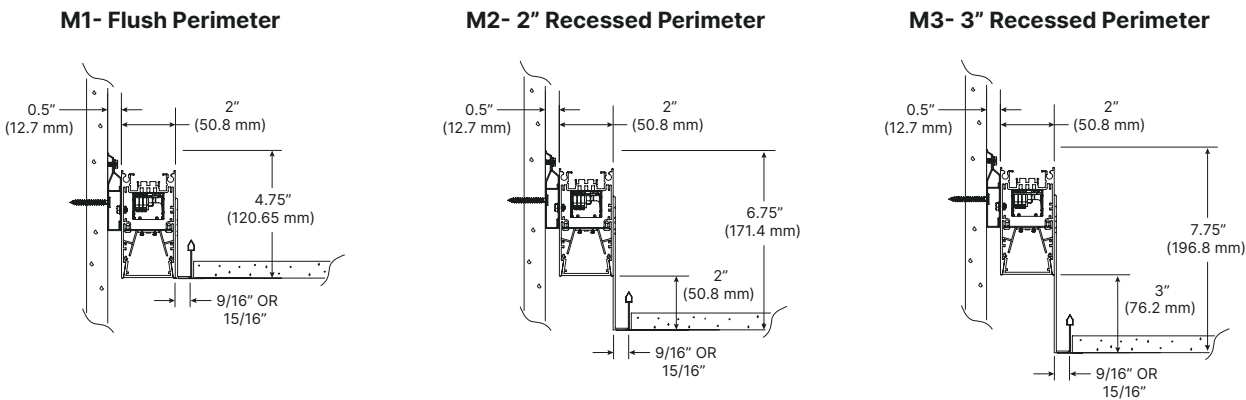
Installs into outer edges. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Cable Kit

Suspension Cable

Stainless Steel

Mounting Options



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

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

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

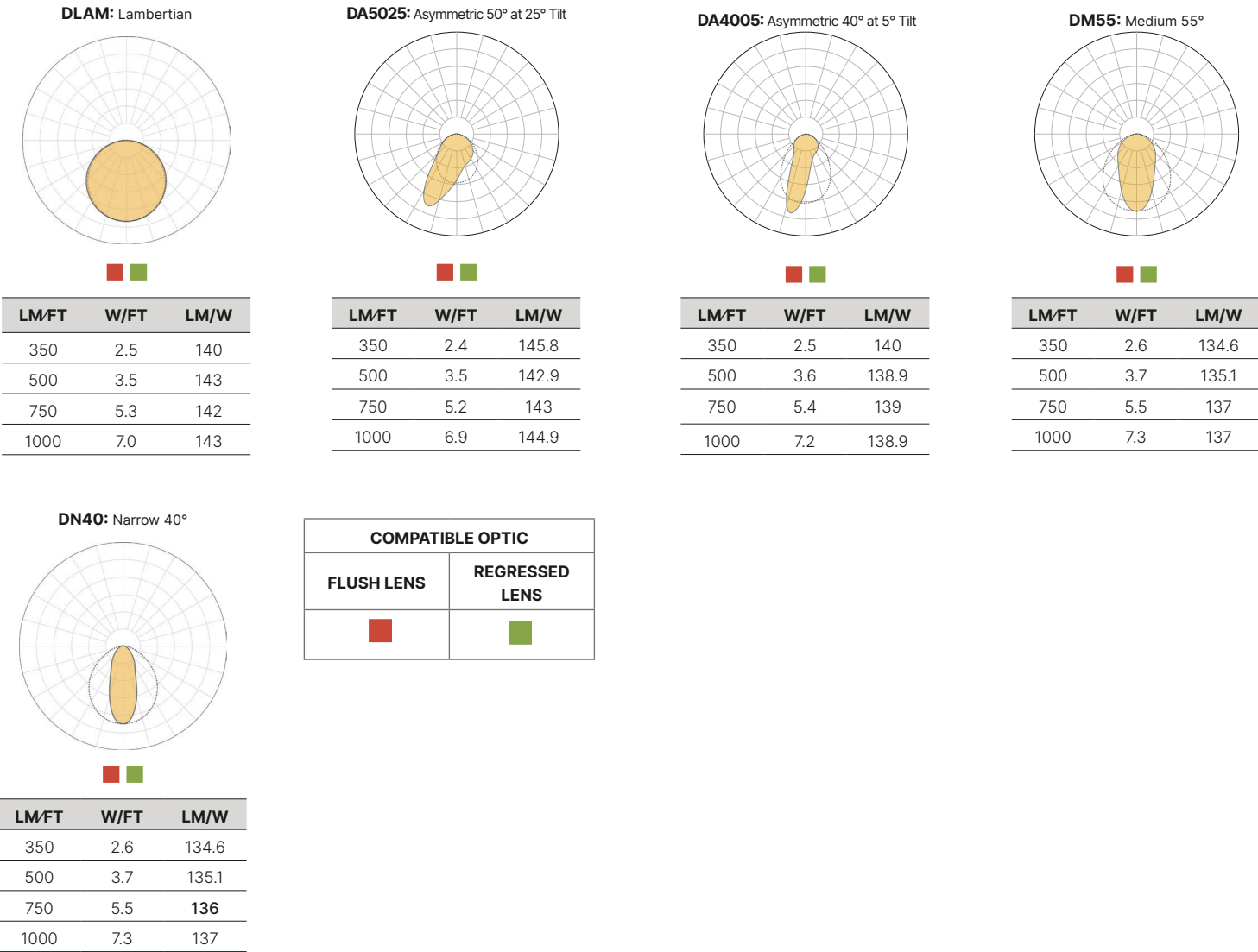
| | DIRECT | | | | |
|------|--------|--------|--------|------|------|
| | DLAM | DA5025 | DA4005 | DM55 | DN40 |
| LM/W | 142 | 143 | 139 | 137 | 136 |

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

DIRECT PHOTOMETRICS

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

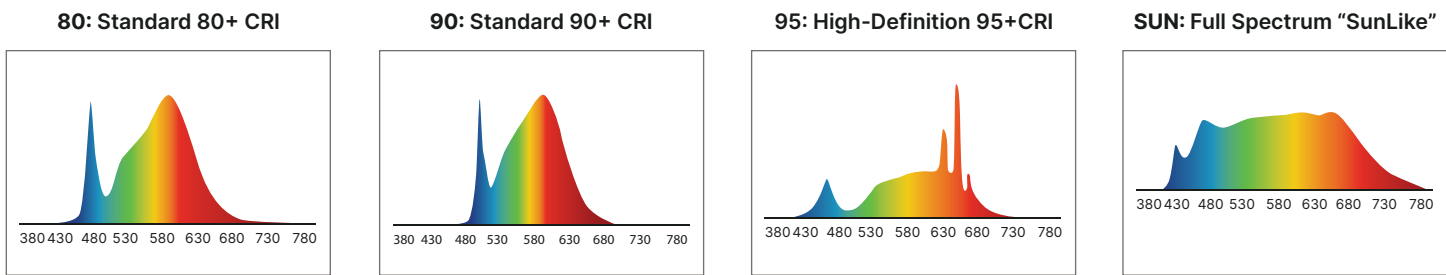
Static White Light



OPTICS CONFIGURATIONS

| | | |
|-------------------------|-----------------------------|------------------------------|
| | | |
| Flush Lens | Regressed Lens | Continuous Regressed Lens |
| White Flush Lens OFL | White Regressed Lens ORL | White Regressed Lens OCRL |

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

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 your project's needs.

Compatible Control Options



