

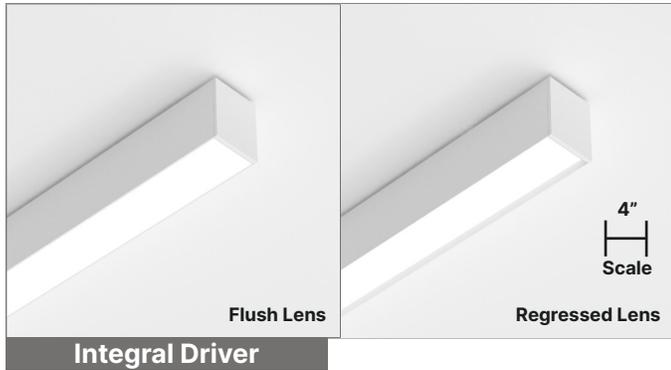
PROBeam4 Surface

Direct | Standard Lengths



Project Name _____

Fixture Type _____

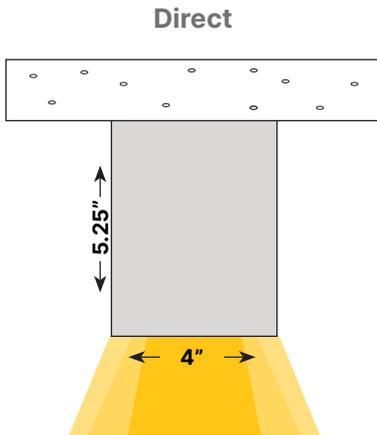


DESCRIPTION

4" High-Performance Linear LED Surface Mount

PROBeam4 Surface brings SmartBeam® capabilities to a 4" surface-mounted form factor with an integral driver providing best-in-class efficiency and beam control options. The PROBeam4 Surface is designed to be specification grade with a wide range of beam options, high CRI, and circadian options. The 4" aperture delivers comfortable illumination in a wide range of beam distributions while achieving high efficacy, and energy-saving performance. PROBeam4 Surface also comes with a choice of integral drivers and controls as well as a wide range of lumen outputs and beam distributions.

LIGHTING CONFIGURATIONS



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



FIXTURE ORDERING

Project Name _____ Fixture Type _____

1) FIXTURE DESIGN

| PRODUCT | FIXTURE LENGTH | FINISH | END CAP STYLE |
|--|--|---|--------------------------|
| PBE4-S 4" High-Performance Linear LED Surface Mount | 2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft X_ - Specify Ft', In" | Powder Coated PMW - Matte White PMB - Matte Black PMG - Matte Gray PRAL_ - Specify RAL # | E1 - Flat End Cap |
| | Custom fixtures are available in 3" increments beyond standard lengths. | 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 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 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 |

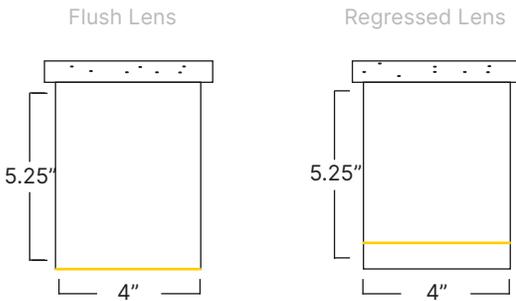
4) FIXTURE MOUNTING & CONNECTIONS

| MOUNTING TYPE | POWER CORD | MOUNTING KIT |
|--|--|--|
| SC1 - Surface Mount Clip 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. | P24W - 24" White Cable Kit P24B - 24" Black Cable Kit | SSMB - Stainless Steel Surface Mounting Bracket |

| 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

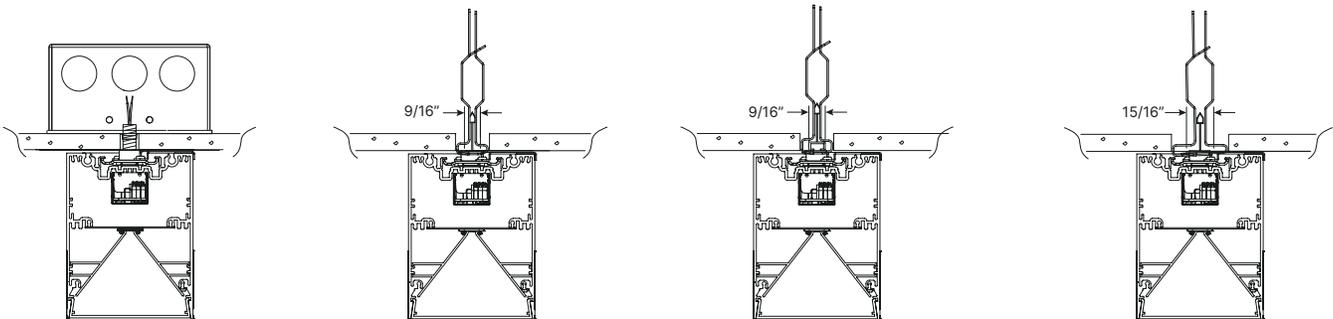
T-Bar Mount

Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Surface Mount

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

Mounting Type



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

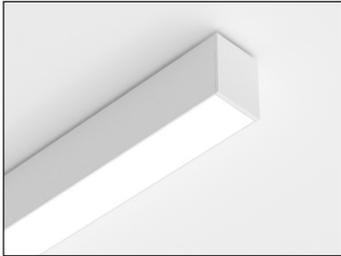
The Ultimate Control of Lighting Distributions

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.

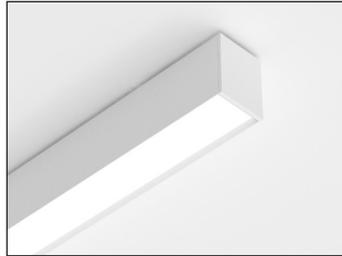
To learn more about our SmartBeam Technology, please click or scan the QR Code.



Direct Optics Choices



FL - Flush Lens



RL - Regressed Lens

| DIRECT OPTICS | BEAM PATTERN | | | | | | |
|----------------|--------------|-------|-------|--------|--------|------|------|
| | DLAM | DBW60 | DDA70 | 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 | DBW60 | DDA70 | DA5025 | DA4005 | DM55 | DN40 |
| LM/W | 142 | 145 | 138 | 143 | 139 | 137 | 136 |

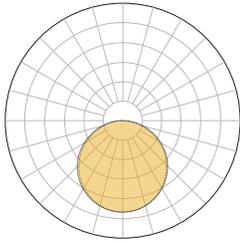
$$LM/W = \frac{\left(\begin{matrix} \text{DIRECT} \\ \text{LM/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{LM/FT} \end{matrix} \right)}{\left(\begin{matrix} \text{DIRECT} \\ \text{W/FT} \end{matrix} + \begin{matrix} \text{INDIRECT} \\ \text{W/FT} \end{matrix} \right)}$$

DIRECT PHOTOMETRICS

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

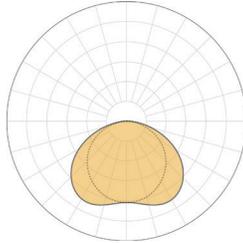
Static White Light

DLAM: Lambertian



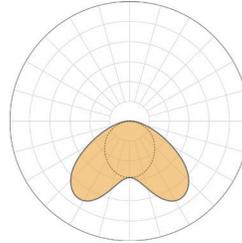
| LM/FT | W/FT | LM/W |
|-------|------|------|
| 350 | 2.5 | 140 |
| 500 | 3.5 | 143 |
| 750 | 5.3 | 142 |
| 1000 | 7.0 | 143 |

DBW60: Batwing 60°



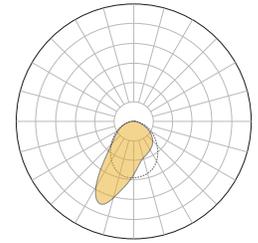
| LM/FT | W/FT | LM/W |
|-------|------|-------|
| 350 | 2.4 | 145.8 |
| 500 | 3.5 | 143 |
| 750 | 5.2 | 145 |
| 1000 | 6.9 | 144.9 |

DDA70: Double Asymmetric 70°



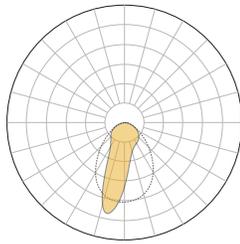
| LM/FT | W/FT | LM/W |
|-------|------|-------|
| 350 | 2.5 | 140 |
| 500 | 3.6 | 138.9 |
| 750 | 5.4 | 138 |
| 1000 | 7.2 | 138.9 |

DA5025: Asymmetric 50° at 25° Tilt



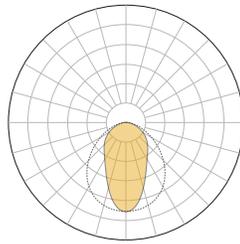
| LM/FT | W/FT | LM/W |
|-------|------|-------|
| 350 | 2.4 | 145.8 |
| 500 | 3.5 | 142.9 |
| 750 | 5.2 | 143 |
| 1000 | 6.9 | 144.9 |

DA4005: Asymmetric 40° at 5° Tilt



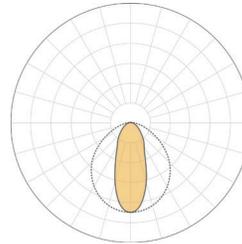
| LM/FT | W/FT | LM/W |
|-------|------|-------|
| 350 | 2.5 | 140 |
| 500 | 3.6 | 138.9 |
| 750 | 5.4 | 139 |
| 1000 | 7.2 | 138.9 |

DM55: Medium 55°



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

DN40: Narrow 40°



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

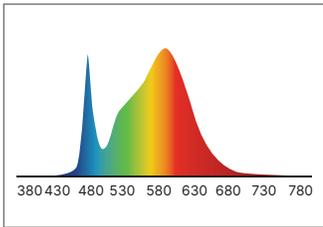
| COMPATIBLE OPTIC | |
|------------------|----------------|
| FLUSH LENS | REGRESSED LENS |
| | |

OPTICS CONFIGURATIONS

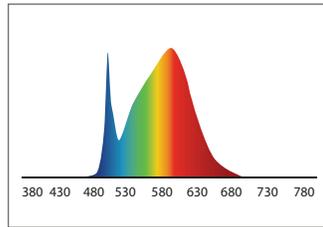
| Flush Lens | Regressed Lens | Continuous Regressed Lens |
|--------------------------------|------------------------------------|-------------------------------------|
| White Flush Lens OFL | White Regressed Lens ORL | White Regressed Lens OCRL |

LED OPTIONS

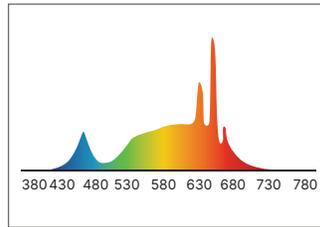
80: Standard 80+ CRI



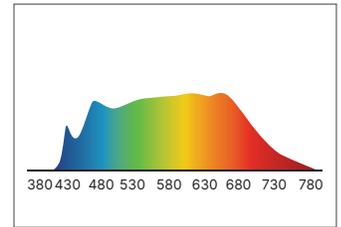
90: Standard 90+ CRI



95: High-Definition 95+CRI



SUN: Full Spectrum "SunLike"



| CODE | DESCRIPTION | TYPICAL LED DATA | | | | | | | |
|------|------------------------|------------------|------|--------|---------|---------|------|-----------|-----|
| | | 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 projects needs.

Compatible Control Options



