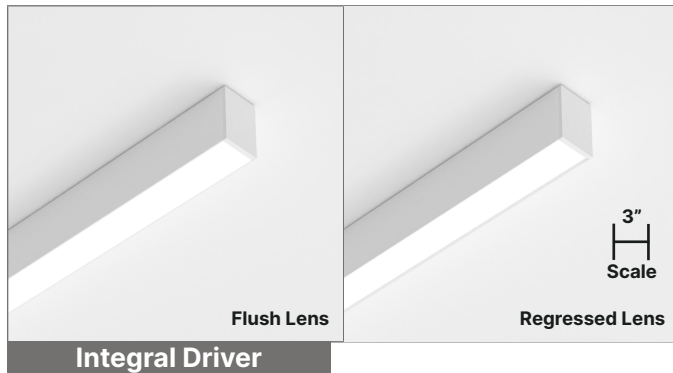


# PROBeam3 Surface

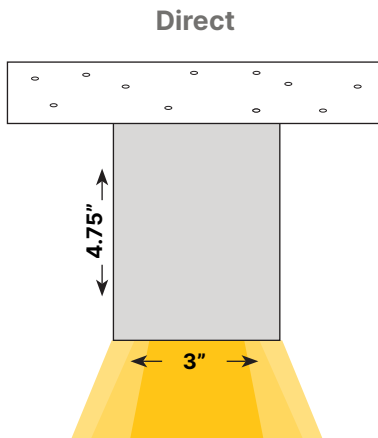
Direct | Standard Lengths

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_



## LIGHTING CONFIGURATIONS



## DESCRIPTION

### 3" High-Performance Linear LED Surface Mount

PROBeam3 Surface brings SmartBeam® capabilities to a 3" form factor with an integral driver providing best-in-class efficiency and beam control options. The PROBeam3 Surface is designed to be specification grade with a wide range of beam options, high CRI, and circadian options. The 3" aperture delivers comfortable illumination in a wide range of beam distributions while achieving high efficacy, and energy-saving performance. PROBeam3 Surface offers a range of accessories, mounting options, and finishes that provide an easy route to customization and performance enhancements.

## 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

Declare



bios



Designed & Built in  
**BOSTON**

## FIXTURE ORDERING

Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

## 1) FIXTURE DESIGN

| PRODUCT                                                          | FIXTURE LENGTH                                                                                                                                                                                | FINISH                                                                                                                                                                                                                           | END CAP STYLE            |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>PBE3-S</b><br>3" High-Performance<br>Linear LED Surface Mount | <b>2</b> - 2 ft<br><b>4</b> - 4 ft<br><b>6</b> - 6 ft<br><b>8</b> - 8 ft<br><b>X_</b> - Specify Ft', In"<br><br>Custom fixtures are available<br>in 3" increments beyond<br>standard lengths. | <b>Powder Coated</b><br><b>PMW</b> - Matte White<br><b>PMB</b> - Matte Black<br><b>PMG</b> - Matte Gray<br><b>PRAL_</b> - Specify RAL #<br><br><b>Anodized</b><br><b>ACL</b> - Clear Anodized<br><b>ACU_</b> - Custom Anodized # | <b>E1</b> - Flat End Cap |

## 2) LED LIGHT ENGINE

| CRI                                                                                                             | CCT                                                                                                                                                                                                                             | OPTIC (DIRECT ONLY)                                                                                            | DIRECT BEAM PATTERN                                                                                                                                                                                                                                                      | DIRECT OUTPUT                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>80</b> - Std. 80 CRI<br><b>90</b> - Std. 90 CRI<br><b>95</b> - High-Def. 95 CRI<br><b>SUN</b> - Full SunLike | <b>27</b> - 2700K<br><b>30</b> - 3000K<br><b>35</b> - 3500K<br><b>40</b> - 4000K<br><b>XD</b> - Dim-to-Warm<br><b>XT</b> - Tunable<br><b>X_</b> - Specify CCT<br><br>Specify Dim-to-Warm and<br>Tunable between<br>2700K-6500K. | <b>OFL</b> - Flush Lens<br><b>ORL</b> - Regressed Lens<br><b>OCRL</b> - Continuous Regressed Lens <sup>1</sup> | <b>DLAM</b> - Lambertian<br><b>DBW60</b> - Batwing 60°<br><b>DDA70</b> - Double Asym 70°<br><b>DA5025</b> - Asym 50° at 25° Tilt<br><b>DA4005</b> - Asym 40° at 5° Tilt<br><b>DM55</b> - Medium 55°<br><b>DN40</b> - Narrow 40°<br><b>X_</b> - Specify Beam <sup>2</sup> | <b>35</b> - 350 lm/ft<br><b>50</b> - 500 lm/ft<br><b>75</b> - 750 lm/ft<br><b>100</b> - 1,000 lm/ft<br><b>X_</b> - Specify lm/ft |

## 3) FIXTURE POWER &amp; CONTROLS

| LINE VOLTAGE (DC)                          | INTEGRAL DRIVER (POWER) <sup>3</sup>                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                        |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNV</b> - 120/277V<br><b>347</b> - 347V | <b>FDND</b> - Factory Non-Dimming<br><b>FD00</b> - Factory 0-10V 0.1% Dim<br><b>FD01</b> - Factory 0-10V 1% Dim<br><b>FD10</b> - Factory 0-10V 10% Dim<br><b>FDDA</b> - Factory DALI 0.1% Dim<br><b>FDDX</b> - Factory DMX Dim<br><b>FDTR</b> - Factory TRIAC Dim<br><b>LD01</b> - Lutron Hi-Lume 1% Dim<br><b>X_</b> - Specify Driver | Footnotes: <sup>1</sup> Continuous Regressed Lens ships on a roll for seamless lens installation. <sup>2</sup> Contact factory about custom beam options. <sup>3</sup> Standard driver box is included |

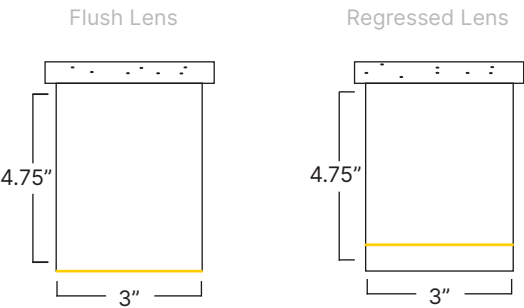
## 4) FIXTURE MOUNTING &amp; CONNECTIONS

| MOUNTING TYPE                                                                                                                                                                                                    | POWER CORD                                                             | MOUNTING KIT                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|
| <b>SC1</b> - Surface Mount Clip<br><b>TC1</b> - 9/16" Flat T-Bar Mount<br><b>TC2</b> - 9/16" Bolt Slot T-Bar Mount<br><b>TC3</b> - 15/16" Flat T-Bar Mount<br><br>TC1, TC2 and TC3 clips directly to grid t-bar. | <b>P24W</b> - 24" White Cable Kit<br><b>P24B</b> - 24" Black Cable Kit | <b>SSMB</b> - Stainless Steel Surface Mounting Bracket |

| OPTIONAL                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMERGENCY BACKUP                                                                                                                                             | WIRELESS MODULE                                                                                                                                                                                                                                                                                                                                                                 |
| <b>EMC</b> - Emergency Circuit<br><b>EMB</b> - Emergency Battery (10 W — Remote)<br><b>X_</b> - Specify Backup<br><br>Specify requirements at time of order. | <b>WCN</b> - Wireless Communication Node (Connected to LED Driver In-Fixture or In-Driver Box)<br><b>PIR</b> - Wireless Communication Node + PIR Sensor (Standard Lens for Low Bay < 10')<br><b>MW</b> - Wireless Communication Node + MW Sensor (Standard for Low Bay < 10')<br><b>X_</b> - 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 Type

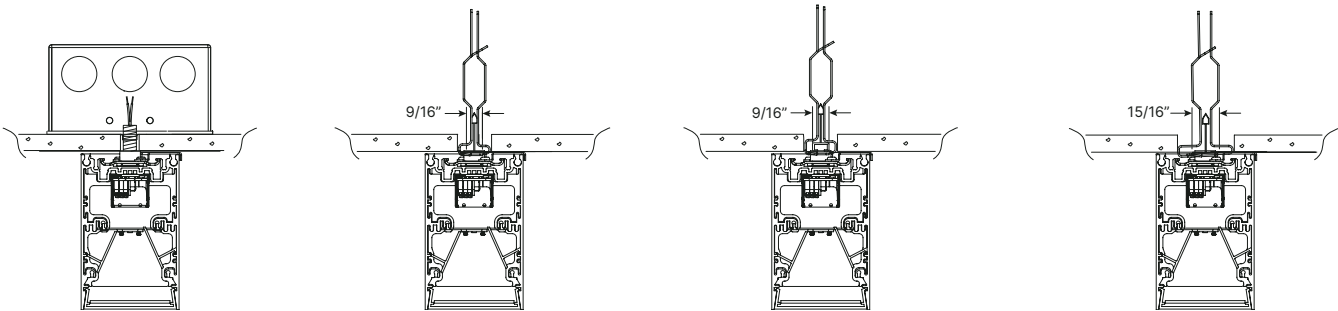
T-Bar Mount

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

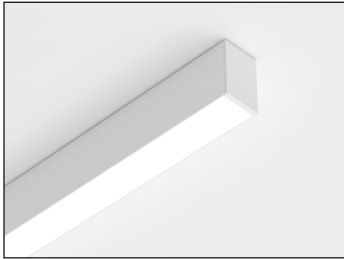
### The Ultimate Control of Lighting Distributions

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.

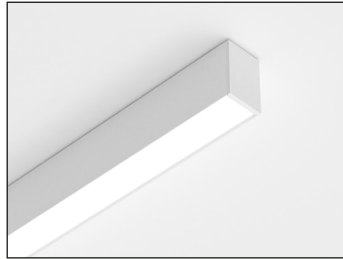
To learn more about our SmartBeam Technology, please click or scan the QR Code.



### 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

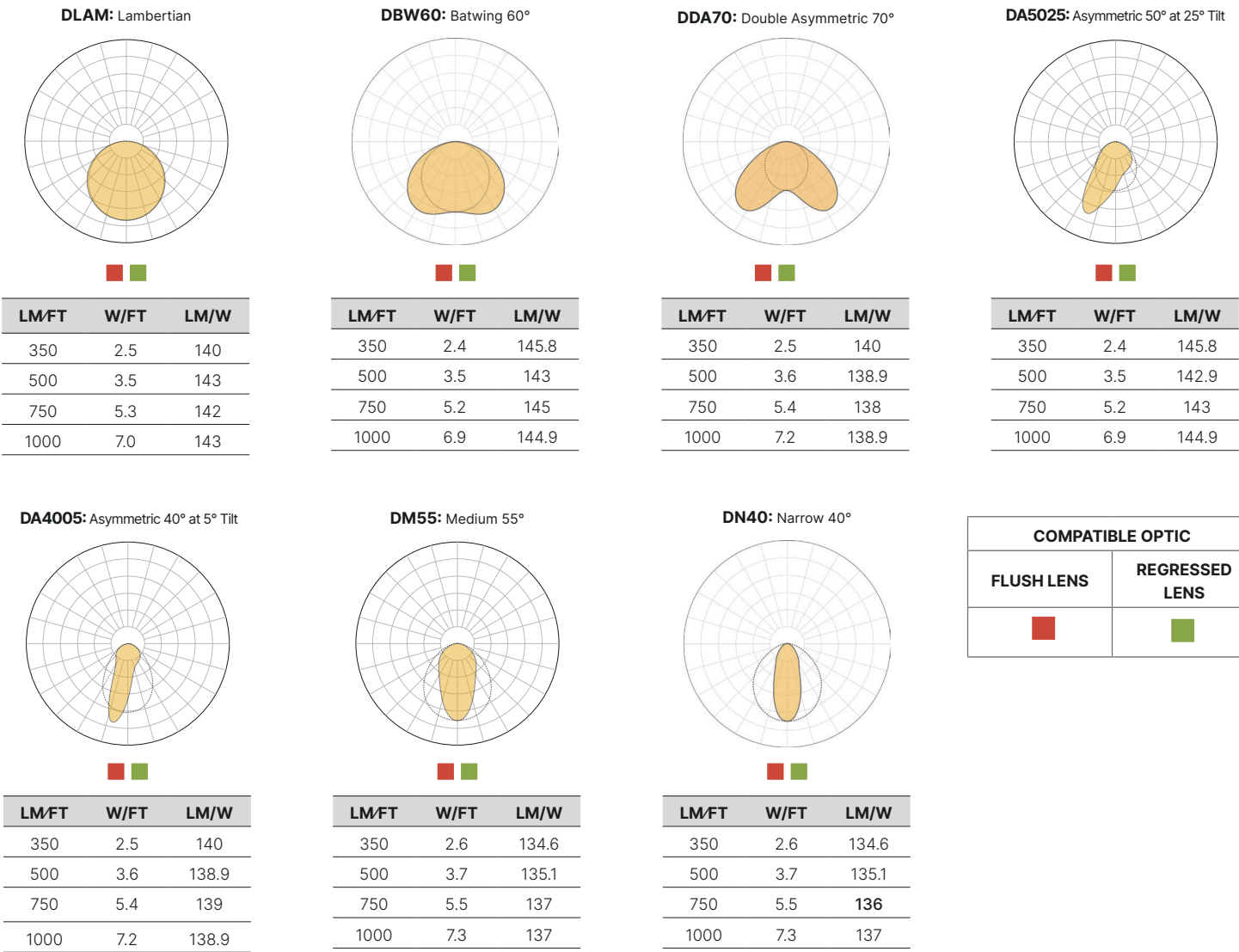
|      | DIRECT |       |       |        |        |      |      |
|------|--------|-------|-------|--------|--------|------|------|
|      | DLAM   | DBW60 | DDA70 | DA5025 | DA4005 | DM55 | DN40 |
| LM/W | 142    | 145   | 138   | 143    | 139    | 137  | 136  |

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

DIRECT PHOTOMETRICS

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

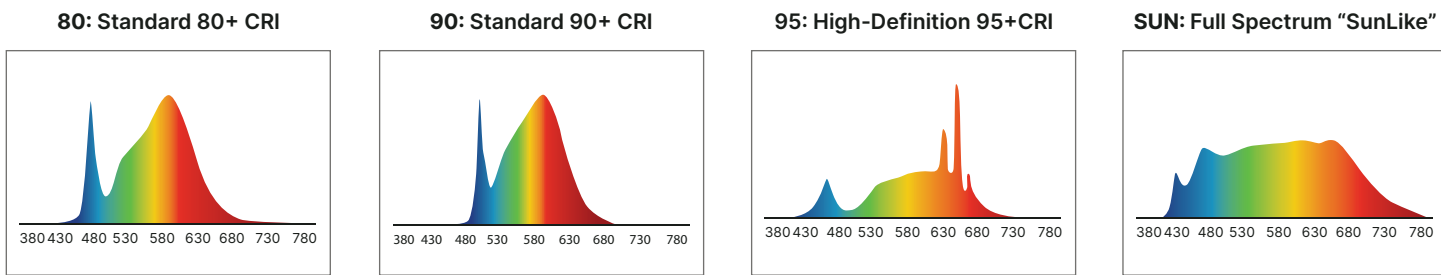
Static White Light



OPTICS CONFIGURATIONS

|                         |                             |                              |
|-------------------------|-----------------------------|------------------------------|
|                         |                             |                              |
| Flush Lens              | Regressed Lens              | Continuous Regressed Lens    |
| White Flush Lens<br>OFL | White Regressed Lens<br>ORL | White Regressed Lens<br>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



