

Only 28 mm wide, Laser blade XS is an ultracompact architectural wall washer, perfect for commercial and institutional environments. The patented technology of the optic system guarantees an efficient and homogeneous effect on walls from top to bottom and avoids shadow zones near the ceiling.

## Luminaire characteristic:

**Power input:** 13.5W to 34.5W (system wattage)  
**Lumens:** 291lm to 912lm (for 3000K, 90CRI)  
**Luminaire efficacy:** Up to 26lm/W

## Source:

White LED (LM-80),  
2700K: 90CRI,  
3000K: 90CRI,  
3500K: 90CRI,  
4000K: 90CRI.

## Lumen maintenance:

80% of initial lumens at 50 000 hours (L80) (LM79).

## Optic:

Wall washer and wall washer LGC (longitudinal glare control).

## Material:

Body: Die-cast Zamak (zinc/aluminum alloy)  
Diffuser: Frosted PMMA diffuser with linear optic  
Reflector: Superpure aluminum  
Baffle: Polycarbonate

## Mounting:

New construction with housing for insulated ceiling and chicago plenum applications (page 3).

## Electrical:

Integral high efficiency LED driver, rated at 50 000 hours. 120V or 120-277V.

## Dimming:

0-10V dimming (120-277V), down to 5%.  
Leading edge (TRIAC) and trailing edge (ELV) dimming (120V only), down to 5%.  
Dali dimming (120V only), down to 1%.

## Finish:

Black and white (RAL9010). Grey (RAL9006) available on request (page 2).

## Weight:

LBXS05: 1.06lb (0.48kg)  
LBXS10: 1.21lb (0.55kg)  
LBXS15: 1.94lb (0.88kg)

## Warranty:

5 year limited warranty.

## Rating:

IP20

## Certification:



cULus listed for damp location. Interior use only



## ORDERING INFO

**ILBXS** - - -  
FIXTURE

**BI - LBXS** - - **UNV**  
MOUNTING

### MODEL

☐ **05** - Five ☐ **10** - Ten ☐ **15** - Fifteen

### MOUNTING

☐ **TR** - Trim ☐ **TL** - Trimless

### INSTALLATION

☐ **IC** - Insulated ceiling housing ☐ **CP** - Chicago plenum housing

### LED

☐ **927** - 2700K, 90CRI ☐ **930** - 3000K, 90CRI ☐ **935** - 3500K, 90CRI ☐ **940** - 4000K, 90CRI

### OPTIC

☐ **WW** - Wall washer ☐ **WL** - Wall washer LGC (longitudinal glare control)

### VOLTAGE

☐ **120** - 120V ☐ **UNV** - 120-277V

### FINISH (trim finish / baffle finish)

 **Black baffle** **White trim** ☐ **01** - White/Black **Gray trim** ☐ **10** - Gray/Black<sup>(1)</sup> **Black trim** ☐ **02** - Black/Black **Trimless** ☐ **02** - Black

### DIMMING

☐ **D10** - 0-10V ☐ **DA** - Dali (120V only)<sup>(2)</sup> ☐ **LTE** - Leading and trailing edge (120V only)

<sup>(1)</sup> Available on request, contact customer service for more information.

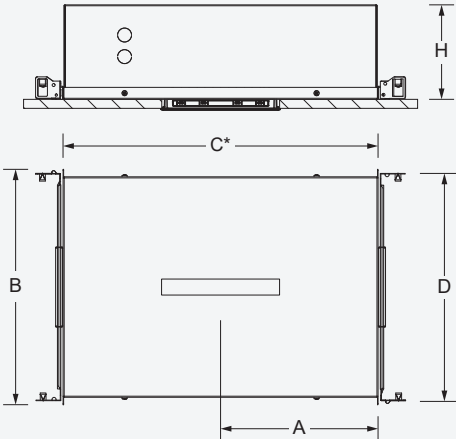
<sup>(2)</sup> Available with ten (10) and fifteen (15) models. Also available for the five (05) model with trim (TR) mounting.

INSTALLATION

New construction with housing suitable for insulated ceiling (IC) or chicago plenum (CP)

Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or chicago plenum applications. Housing and fixture can be shipped separately.

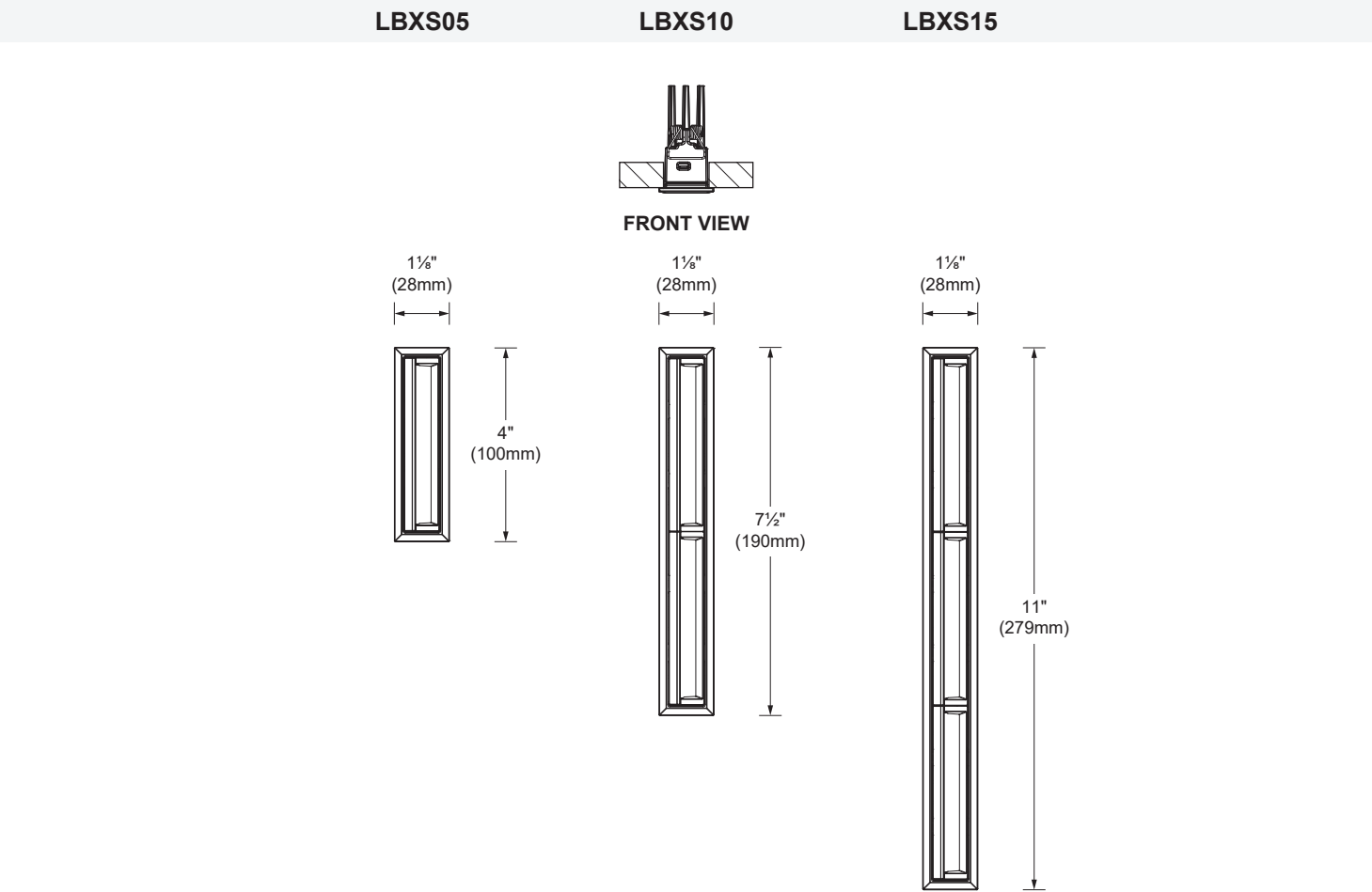
Ceiling thickness:  
Trim: 1/8" to 1 1/8" (3mm - 29mm)  
Trimless: 5/8" (16mm)



\*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

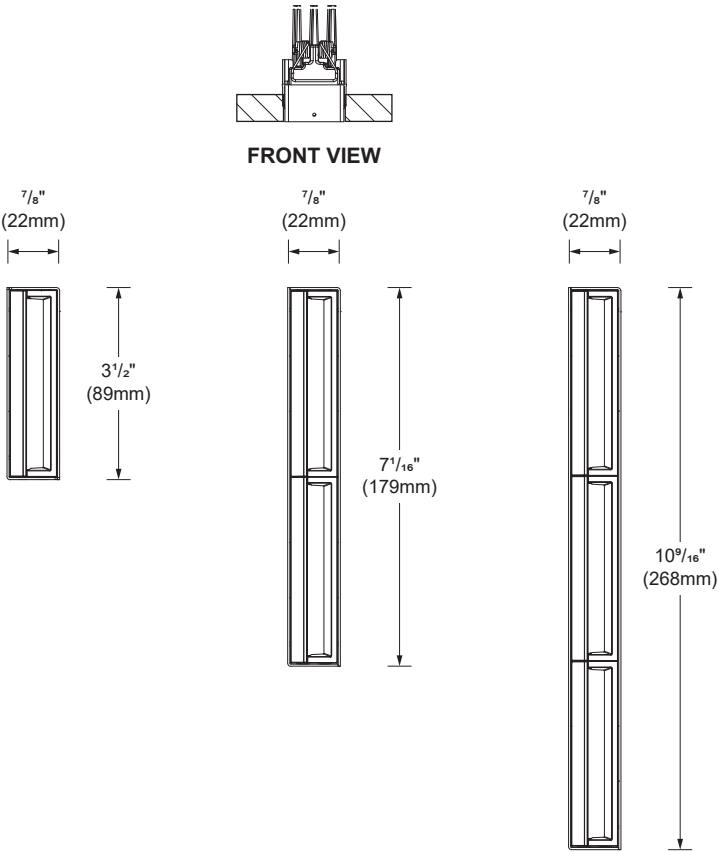
| Model  | Housing               | Cut-out dimensions            | Cut-out position (A) | Overall dimensions (BxC)            | Hanger bars (D)               | Clearance (H)  |
|--------|-----------------------|-------------------------------|----------------------|-------------------------------------|-------------------------------|----------------|
| LBXS05 | BI-LBXS05TR-IC/CP-UNV | 1" x 3 3/4" (24 x 95mm)       | 5" (125mm)           | 8 3/8" x 9 1/16" (212mm x 252mm)    | 9" to 15 1/4" (229 to 387mm)  | 4 5/8" (116mm) |
|        | BI-LBXS05TL-IC/CP-UNV | 1 1/8" x 3 3/4" (29 x 95mm)   |                      |                                     |                               |                |
| LBXS10 | BI-LBXS10TR-IC/CP-UNV | 1" x 7 3/8" (24 x 186mm)      | 10" (250mm)          | 13 1/16" x 19 1/16" (350mm x 500mm) | 14 1/4" to 26" (362 to 660mm) | 6" (150mm)     |
|        | BI-LBXS10TL-IC/CP-UNV | 1 5/8" x 7 1/4" (29 x 184mm)  |                      |                                     |                               |                |
| LBXS15 | BI-LBXS15TR-IC/CP-UNV | 1" x 10 7/8" (24 x 276mm)     | 10" (250mm)          | 13 1/16" x 19 1/16" (350mm x 500mm) | 14 1/4" to 26" (362 to 660mm) | 6" (150mm)     |
|        | BI-LBXS15TL-IC/CP-UNV | 1 1/8" x 10 3/4" (29 x 274mm) |                      |                                     |                               |                |

TRIM MODELS DIMENSIONS



TRIMLESS MODELS DIMENSIONS

| LBXS05 | LBXS10 | LBXS15 |
|--------|--------|--------|
|--------|--------|--------|

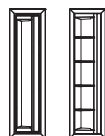


## LED COLOR FIDELITY DATA

| CCT   | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | Rf | Rg  | Melanopic ratio |
|-------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----------------|
| 2700K | 94 | 94 | 91 | 93 | 93 | 92 | 93 | 88 | 70 | 84  | 94  | 82  | 94  | 94  | 92  | 88 | 104 | 0.456           |
| 3000K | 97 | 96 | 93 | 94 | 96 | 94 | 95 | 92 | 82 | 89  | 94  | 86  | 97  | 95  | 96  | 90 | 104 | 0.538           |
| 3500K | 99 | 99 | 98 | 98 | 98 | 97 | 97 | 96 | 93 | 99  | 99  | 83  | 99  | 98  | 98  | 92 | 99  | 0.666           |
| 4000K | 94 | 94 | 93 | 94 | 92 | 91 | 97 | 91 | 74 | 85  | 91  | 72  | 93  | 96  | 92  | 91 | 99  | 0.744           |

## PHOTOMETRIC DATA

### LBXS05

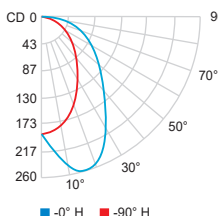


WW WL

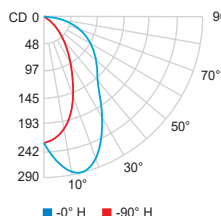
| CCT (K) | CRI | LOAD (W) | OPTIC                                        | LUMENS (lm) | EFFICACY (lm / W) | MAX CANDELA (cd) | MODELS         |
|---------|-----|----------|----------------------------------------------|-------------|-------------------|------------------|----------------|
| 3000K   | 90  | 13.5W    | Wall washer                                  | 345         | 25                | 259              | ILBXS05-930-WW |
|         |     |          | Wall washer LGC (longitudinal glare control) | 291         | 21                | 287              | ILBXS05-930-WL |

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.

Wall washer (3000K, 90CRI)

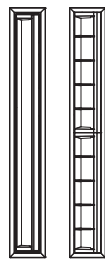


Wall washer LGC (3000K, 90CRI)



|                   |             |          |          |             |
|-------------------|-------------|----------|----------|-------------|
| CCT options       | 2700K       | 3000K    | 3500K    | 4000K       |
| CRI options       | 90CRI       | 90CRI    | 90CRI    | 90CRI       |
| <b>Multiplier</b> | <b>0.95</b> | <b>1</b> | <b>1</b> | <b>1.21</b> |

### LBXS10

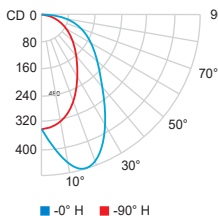


WW WL

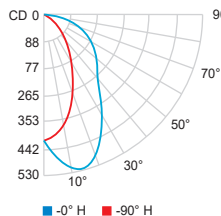
| CCT (K) | CRI | LOAD (W) | OPTIC                                        | LUMENS (lm) | EFFICACY (lm / W) | MAX CANDELA (cd) | MODELS         |
|---------|-----|----------|----------------------------------------------|-------------|-------------------|------------------|----------------|
| 3000K   | 90  | 23.8W    | Wall washer                                  | 627         | 26                | 470              | ILBXS10-930-WW |
|         |     |          | Wall washer LGC (longitudinal glare control) | 528         | 22                | 520              | ILBXS10-930-WL |

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.

Wall washer (3000K, 90CRI)



Wall washer LGC (3000K, 90CRI)



|                   |             |          |          |             |
|-------------------|-------------|----------|----------|-------------|
| CCT options       | 2700K       | 3000K    | 3500K    | 4000K       |
| CRI options       | 90CRI       | 90CRI    | 90CRI    | 90CRI       |
| <b>Multiplier</b> | <b>0.94</b> | <b>1</b> | <b>1</b> | <b>1.18</b> |

PHOTOMETRIC DATA

LBXS15

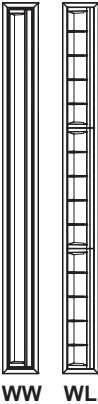


Table with 8 columns: CCT (K), CRI, LOAD (W), OPTIC, LUMENS (lm), EFFICACY (lm / W), MAX CANDELA (cd), MODELS. It lists two models: ILBXS15-930-WW and ILBXS15-930-WL.

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

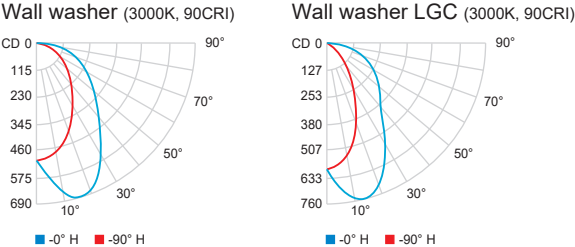


Table with 5 columns: CCT options, CRI options, Multiplier, and four columns for CCT values (2700K, 3000K, 3500K, 4000K). It lists multiplier values for different CCT and CRI combinations.