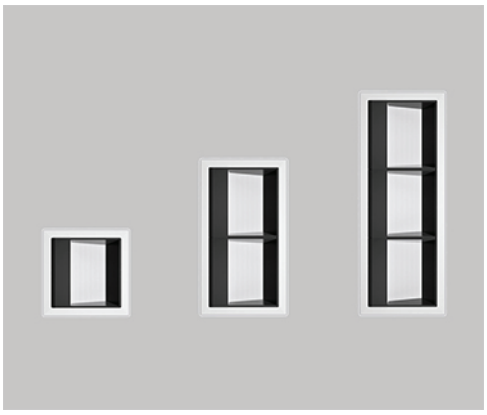
# Laser blade large

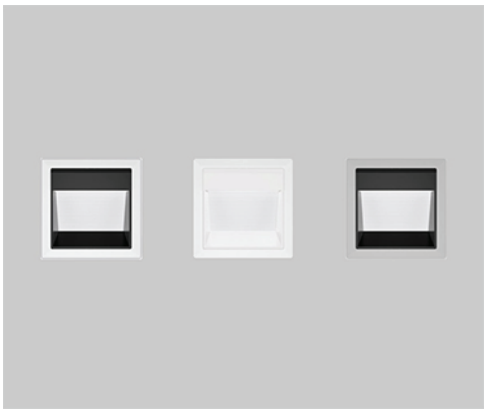
WALL WASHER











Collection of specification grade architectural downlights for commercial and institutional applications. The professional wall washer optic delivers uniform light distribution on vertical surfaces. The LASER BLADE LARGE wall washer are available in 3 sizes and with trim or trimless design.

| | |
|---|---|
| **Luminaire characteristics:** | **Power input:** 10.5W to 33W<br>**Lumens:** 490lm to 1 350lm (for 3000K, 90CRI)<br>**Luminaire efficacy:** Up to 46lm/W |
| **Source:** | White LED (LM-80 tested)<br>2700K : 90CRI,<br>3000K : 90CRI,<br>3500K : 90CRI,<br>4000K : 80CRI. |
| **Lumen maintenance:** | 80% of initial lumens at 50 000 hours (L80)<br>(LM79 tested). |
| **Optics:** | Wall washer. |
| **Material:** | Body and heat sink: Die-cast aluminum,<br>Reflector: Superpure aluminum,<br>Diffuser: PMMA (acrylic),<br>Connection box: Galvanized steel. |
| **Mounting:** | New construction with plaster frame,<br>see page 3 for details. |
| **Electrical:** | Integral high effeciency power supply rated at<br>50 000 hours, 120V or 277V. |
| **Dimming:** | Supplied standard with Leading (triac) and Trailing edge (elv) or 0-10V down to 15%. |
| **Finish:** | See page 2 for details. |
| **Weight:** | 1.1 to 3.3lb (0.5 to 1.5kg) |
| **Warranty:** | 5 year limited warranty. |
| **Ratings:** | IP20. |
| **Certification:** | cULus listed for damp location. Interior use only. |


iGuzzini
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.: 514.525.6107 www.iguzzini.com/us

## ORDERING INFO

ILB - - - WW - - -
FIXTURE MOUNTING

RESET INFO

### MODEL

- ☐ **L1 -** Single
- ☐ **L2 -** Double
- ☐ **L3 -** Triple

### MOUNTING

- ☐ **TR -** Trim
- ☐ **TL -** Trimless

### LED

- ☐ **927 -** 2700K, 90 CRI
- ☐ **930 -** 3000K, 90 CRI
- ☐ **935 -** 3500K, 90 CRI
- ☐ **840 -** 4000K, 80 CRI

### OPTIC

- ■ **WW -** Wall Washer

### VOLTAGE

- ☐ **120 -** 120V
- ☐ **277 -** 277V

### FINISH (Trim finish / Baffle finish)

| | White Trim | Gray Trim | Black Trim | Trimless |
|---|---|---|---|---|
| ☐ **Black baffle** | ☐ **01 -** White/Black | ☐ **10 -** Gray/Black | ☐ **02 -** Black/Black | ☐ **02 -** Black |
| ☐ **White baffle** | ☐ **31 -** White/White | | | ☐ **31 -** White |

### DIMMING

- ☐ **D10 -** 0-10V*
- ☐ **LTE -** Leading and trailing edge (120V only)*

*15% dimming options: For leading and trailing edge and 0-10V (**LTE and D10**), the dimming levels will vary depending on the dimmer used and the number of luminaires on the line.



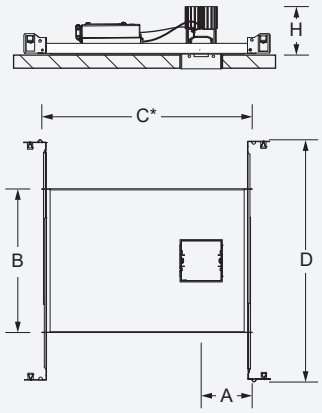
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## INSTALLATION OPTION

### New construction with plaster frame

Plaster frame with hanger bars system to be installed during rough-in phase.
Single cell model (LBL1) suitable for insulated ceiling.
Double and triple cell models (LBL2/LBL3) suitable for non-insulated ceiling.
Available for assemblies like sheetrock, acoustic tiles, or paneling.
The plaster frame can be shipped separately.

**Ceiling thickness:**
Trim: ⅛" to 1⅛" (3mm - 29mm)
Trimless: ⅜" to 1" (9mm - 25mm)
**Total weight:** Max 5.4lbs (2.45kg)

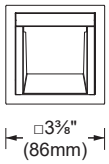



*Provide a minimum of 1⅛" (46mm) on each side for the hanger bar fixations

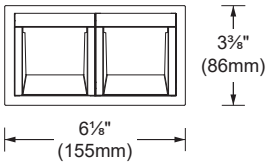
| Model | Mounting | Plaster frame | Cut-out dimensions | Cut-out position (A) | Overall dimensions (BxC) | Hanger bars (D) | Clearance (H) |
|---|---|---|---|---|---|---|---|
| LBL1 | TRIM | **BN5131** | 3" x 3" (75 x 75mm) | 3½" (89mm) | 10" x 14⅝" (254mm x 371mm) | 14¼" to 26" (362 to 660mm) | 6" (152mm) |
| | TRIMLESS | **BN5134** | 2⅞" x 2⅞" (74 x 74mm) | | | | |
| LBL2 | TRIM | **BN5132** | 5¾" x 3" (145 x 75mm) | 6¾" (171mm) | 13½" x 13½" (343mm x 343mm) | | |
| | TRIMLESS | **BN5135** | 5⅝" x 2⅞" (143 x 74mm) | | | | |
| LBL3 | TRIM | **BN5133** | 8⅜" x 3" (214 x 75mm) | 8⅛" (206mm) | 14½" x 16⅛" (368mm x 410mm) | | |
| | TRIMLESS | **BN5136** | 8¼" x 2⅞" (213 x 74mm) | | | | |

## TRIM MODELS DIMENSIONS

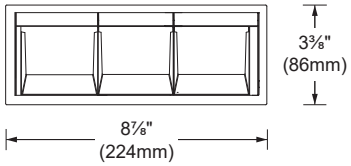
### LBL1




### LBL2



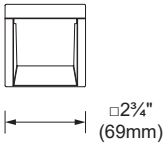

### LBL3



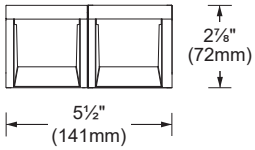

**BOTTOM VIEW**

## TRIMLESS MODELS DIMENSIONS

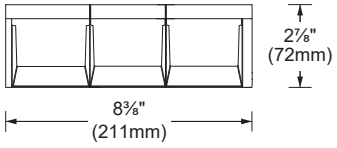
### LBL1




### LBL2




### LBL3




**BOTTOM VIEW**

## LED COLOR FIDELITY DATA

| CRI | CCT | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | Rf | Rg | Melanopic ratio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 4000K | 82 | 91 | 96 | 82 | 83 | 87 | 86 | 65 | 11 | 78 | 82 | 65 | 85 | 98 | - | 85 | 95 | 0.694 |
| 90 | 2700K | 94 | 98 | 99 | 94 | 95 | 98 | 91 | 82 | 61 | 95 | 96 | 88 | 96 | 99 | - | 93 | 99 | 0.497 |
| | 3000K | 94 | 97 | 99 | 94 | 94 | 96 | 93 | 83 | 62 | 92 | 95 | 84 | 95 | 99 | - | 93 | 99 | 0.563 |
| | 3500K | 93 | 96 | 98 | 93 | 93 | 95 | 93 | 84 | 62 | 90 | 94 | 78 | 94 | 98 | - | 92 | 98 | 0.642 |

## PHOTOMETRIC DATA

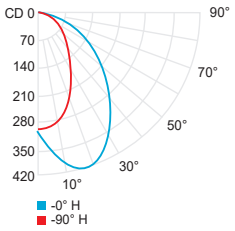
Visit iguzzini.com for complete photometric data.

### LBL1

| CCT (K)* | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm/w) | MAX CANDELA (cd) | MODELS |
|---|---|---|---|---|---|---|---|
| 3000K | 90 | 10.5W | Wall washer | 490 | 46 | 410 | ILBL1-TR/TL-930-WW-02 |

***USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA**

Wall washer (3000K, 90CRI)

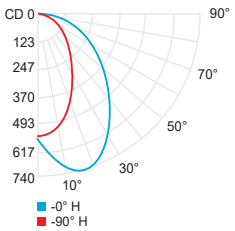



### LBL2

| CCT (K)* | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm/w) | MAX CANDELA (cd) | MODELS |
|---|---|---|---|---|---|---|---|
| 3000K | 90 | 23W | Wall washer | 900 | 39 | 735 | ILBL2-TR/TL-930-WW-02 |

***USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA**

Wall washer (3000K, 90CRI)




| CCT options | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| CRI options | 90CRI | 90CRI | 90CRI | 80CRI |
| **Multiplier** | **0.95** | **1** | **1** | **1.19** |

## PHOTOMETRIC DATA
Visit iguzzini.com for complete photometric data.

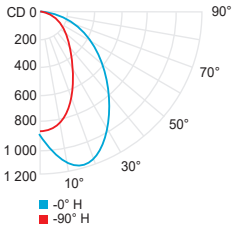
**LBL3**



| CCT (K)* | CRI | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm/w) | MAX CANDELA (cd) | MODELS |
|---|---|---|---|---|---|---|---|
| 3000K | 90 | 33W | Wall washer | 1 350 | 40 | 1 105 | ILBL3-TR/TL-930-WW-02 |

***USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA**

Wall washer (3000K, 90CRI)




| CCT options | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| CRI options | 90CRI | 90CRI | 90CRI | 80CRI |
| **Multiplier** | **0.95** | **1** | **1** | **1.19** |



iGuzzini NORTH AMERICA

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