

Laser blade offers miniaturized dimensions with high performance acrylic diffuser integrated in a polycarbonate baffle for maximized visual comfort and a die-cast aluminum heat sink. The special configuration of this optical system delivers an assymetrical wall washing distribution.

## NOW ASSEMBLED IN NORTH AMERICA.

### Luminaire characteristic:

**Power input:** 12.6W to 36.6W (system wattage)  
**Lumens:** 336lm to 1260lm (for 3000K, 92CRI)  
**Luminaire efficacy:** up to 34lm/W

### Source:

White LED module (LM-80)  
2700K: 92CRI (90CRI min),  
3000K: 92CRI (90CRI min),  
3500K: 92CRI (90CRI min),  
4000K: 92CRI (90CRI min).

### Lumen maintenance:

90% of initial lumens at 50 000 hours (L90) (LM-79).

### Optics:

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

### Material:

Body and heat sink: Die-cast aluminum  
Reflector: Aluminum  
Baffle: Polycarbonate  
Diffuser: PMMA diffuser with ribbed texture  
Housing: Galvanized steel

### Mounting:

New construction housing or chicago plenum rated housing, both suitable for insulated ceiling.

### Electrical:

High efficiency LED driver ratings:  
ILB05: 50 000 hours with insulation  
ILB10: 48 000 hours with insulation  
85 000 hours without insulation  
ILB15: 38 000 hours with insulation  
76 000 hours without insulation

### Dimming:

0-10V dimming (120-277V) or leading edge (TRIAC) and trailing edge (ELV) dimming (120V only). Both options down to  $\pm 15\%$  dimming range.

### Finish:

Black, white (RAL9010) and grey (RAL9006).

### Weight:

ILB05: 0.77lb (0.35kg)  
ILB10: 1.43lb (0.65kg)  
ILB15: 1.92lb (0.87kg)

### Warranty:

5 year limited warranty.

### Ratings:

IP20, IP43 (from under the ceiling)

### Certification:

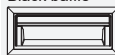


cULus listed for damp location. Interior use only.

**Assembled in North America.**

## ORDERING INFO



PRODUCT CODE			INSTALLATION CODE				
MODEL	MOUNTING	INSTALLATION	LED	OPTIC	VOLTAGE	FINISH (trim finish / baffle finish)	DIMMING
<b>ILB05</b> 05 cells	<b>TR</b> Trim	<b>IC</b> New construction insulated ceiling	<b>027</b> <sup>1</sup> 2700K, 92CRI	<b>WW</b> Wall washer	<b>120</b> 120V	<b>TRIM</b>	<b>120V</b>
<b>ILB10</b> 10 cells	<b>TL</b> Trimless	<b>CP</b> New construction chicago plenum housing	<b>030</b> <sup>1</sup> 3000K, 92CRI	<b>WL</b> Wall washer LGC (Longitudinal glare control)	<b>UNV</b> 120-277V	<b>01</b> White / black	<b>LTE</b> Leading edge and trailing edge (down to 15%)
<b>ILB15</b> 15 cells			<b>035</b> <sup>1</sup> 3500K, 92CRI			<b>02</b> Black / black	<b>120-277V (UNV)</b>
			<b>040</b> <sup>1</sup> 4000K, 92CRI			<b>10</b> Gray / black	<b>D10</b> 0-10V (down to 15%)
						<b>TRIMLESS</b>	
						<b>02</b> Black	
						Black baffle 	

<sup>1</sup> 92CRI typical - 90CRI minimum.

## ACCESSORIES (TO BE ORDERED SEPARATELY)

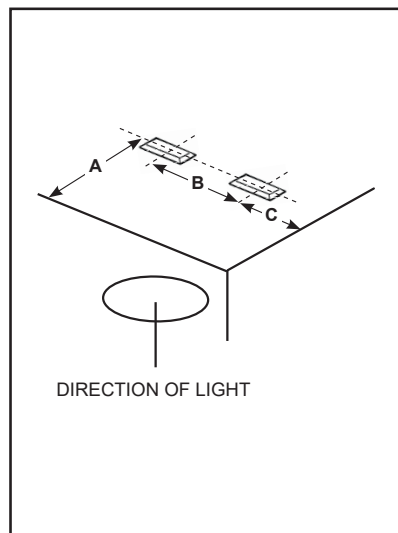
Available only for trim mounting.

### Anti-glare screen

- ☐ **I.MXP7-02** - For laser blade 05 cells.
- ☐ **I.MXP8-02** - For laser blade 10 cells.
- ☐ **I.MXP9-02** - For laser blade 15 cells.



## SPACING



WW WALL WASHER WL WALL WASHER LONGITUDINAL		SUGGESTED		
		In (mm)		
		A mm	B mm	C mm
ILB05-TL-XX-XXX-WW ILB05-TR-XX-XXX-WW	MQ67 - MQ68 - MQ69 - MQ70 - P194 - P146 - P147 - EK79 EK80 - R582 - R583 - R584 - R585 - R586 - R587 - R588 RB72 - RB73	32" (800mm)	32" (800mm)	16" (400mm)
ILB10-TL-XX-XXX-WW ILB10-TR-XX-XXX-WW ILB15-TL-XX-XXX-WW ILB15-TR-XX-XXX-WW	MQ71 - MQ72 - P148 - P195 - MQ73 - MQ74 - P149 - P196 EK81 - EK82 - R589 - R590 - R591 - R592 - R593 - R594 R595 - R596 - RB74 - RB75	40" (1000mm)	40" (1000mm)	20" (500mm)
ILB05-TL-XX-XXX-WL ILB05-TR-XX-XXX-WL	QD29 - QD30 - QD31 - QD32 - QD33 - QD34 - QD35 - EK71 EK72 - R364 - QX83 - QX84 - QX85 - QX86 - QX87 - QX88 RB64 - RB65	32" (800mm)	24" (600mm)	12" (300mm)
ILB10-TL-XX-XXX-WL ILB10-TR-XX-XXX-WL	QD36 - QD37 - QD38 - QD39 - EK73 - R365 - R366 - R367 R368 - RB66	40" (1000mm)	30" (750mm)	15" (375mm)
ILB15-TL-XX-XXX-WL ILB15-TR-XX-XXX-WL	QD40 - QD41 - QD42 - QD43 - EK74 - R369 - R370 - R371 R372 - RB67	40" (1000mm)	30" (800mm)	16" (400mm)

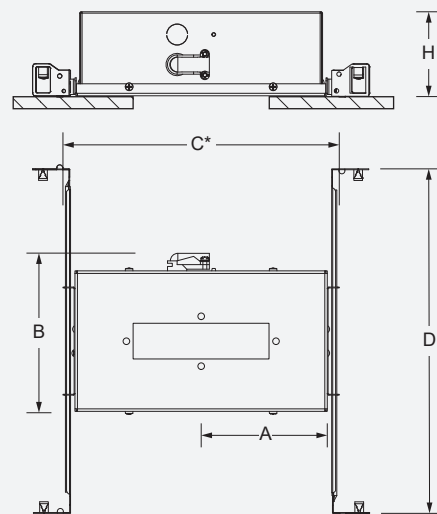
## INSTALLATION OPTIONS

### 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 trim can be shipped separately.

#### Ceiling thickness:

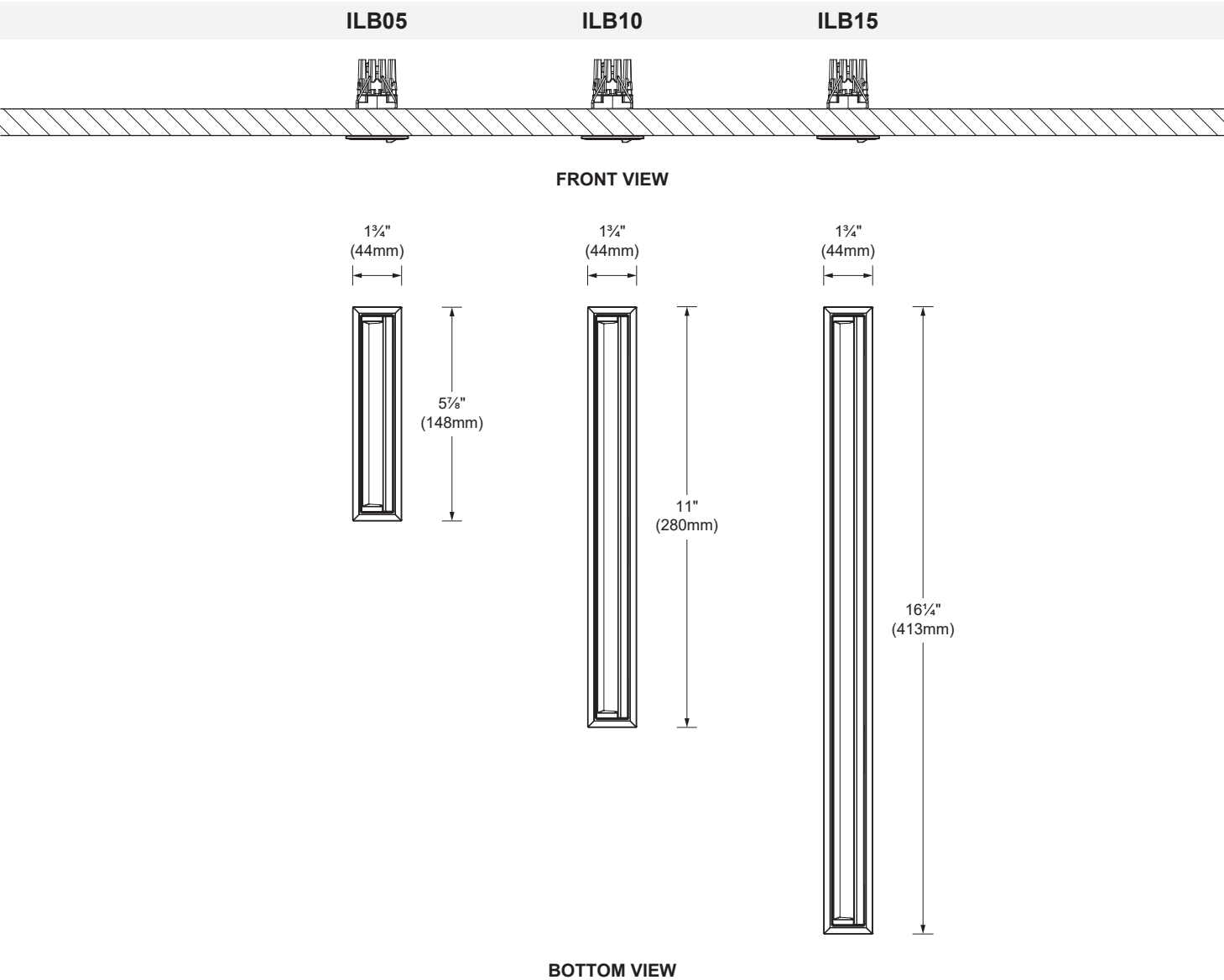
Trim: 1/8" - 1 1/8" (3mm - 29mm)  
Trimless: 5/8" (16mm)



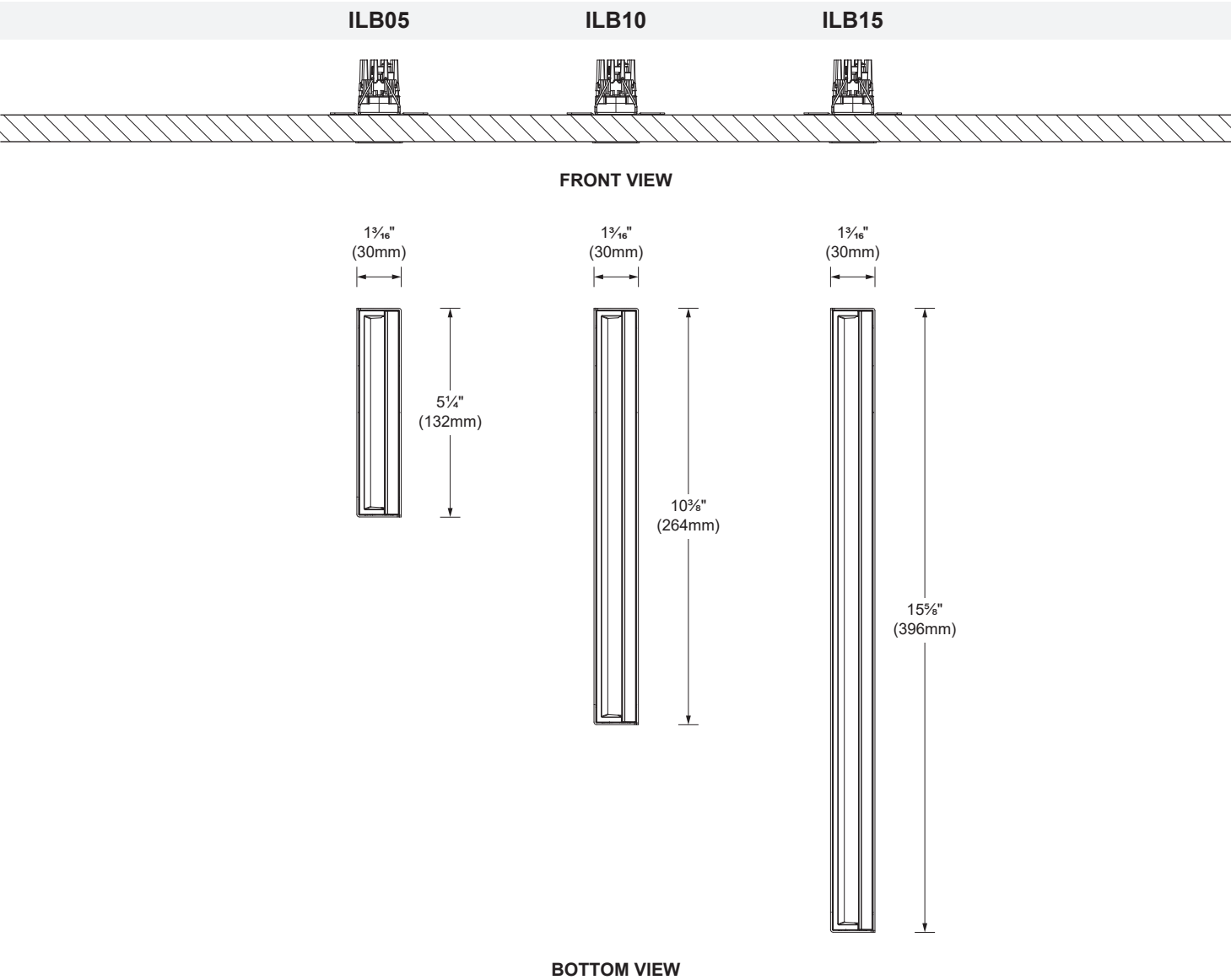
\*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
ILB05	BI-LB05TR-IC/CP	1½" x 5⅝" (37 x 141mm)	5¼" (133mm)	6⅞" x 11½" (167mm x 292mm)	14¼" to 26" (362 to 660mm)	3½" (89mm)
	BI-LB05TL-IC/CP	1⅝" x 5⅝" (35 x 141mm)				
ILB10	BI-LB10TR-IC/CP	1½" x 10⅞" (37 x 274mm)	8⅞" (223mm)	6½" x 21⅞" (166mm x 540mm)		
	BI-LB10TL-IC/CP	1⅞" x 10¾" (35 x 271mm)				
ILB15	BI-LB15TR-IC/CP	1½" x 16" (37 x 406mm)	13⅞" (332mm)	9¼" x 28⅞" (238mm x 716mm)		
	BI-LB15TL-IC/CP	1⅞" x 15⅞" (35 x 404mm)				

**TRIM MODELS DIMENSIONS**



TRIMLESS MODELS DIMENSIONS

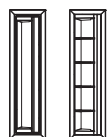


## LED COLOR FIDELITY DATA

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
92	2700K	92	96	98	91	91	95	91	79	55	89	92	86	93	98	88	91	100	0.488
	3000K	93	97	98	92	93	95	92	82	60	91	92	82	94	99	90	92	99	0.571
	3500K	92	95	96	92	91	93	93	83	59	87	92	79	93	97	89	92	99	0.635
	4000K	93	94	94	93	92	91	94	86	64	85	93	78	93	96	90	91	100	0.715

## PHOTOMETRIC DATA

### ILB05

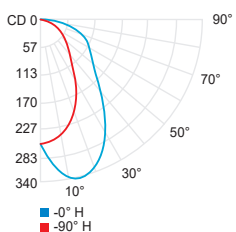


WW WL

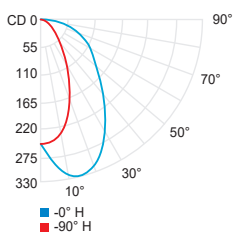
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	12.6W	Wall washer	420	33	338	ILB05-030-WW
			Wall washer LGC (longitudinal glare control)	336	26	325	ILB05-030-WL

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.

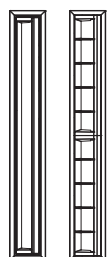
Wall washer (3000K, 92CRI)



Wall washer LGC (3000K, 92CRI)



### ILB10

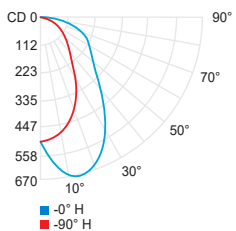


WW WL

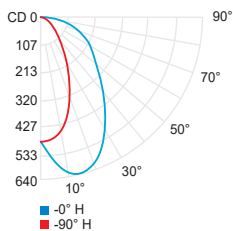
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	24.7W	Wall washer	820	33	661	ILB10-030-WW
			Wall washer LGC (longitudinal glare control)	656	26	636	ILB10-030-WL

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, 92CRI)

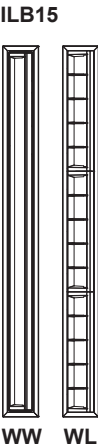


Wall washer LGC (3000K, 92CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	92CRI	92CRI	92CRI	92CRI
<b>Multiplier</b>	<b>0.95</b>	<b>1</b>	<b>1.05</b>	<b>1.10</b>

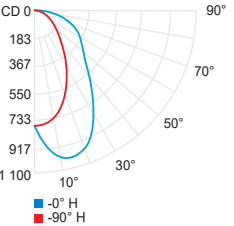
PHOTOMETRIC DATA



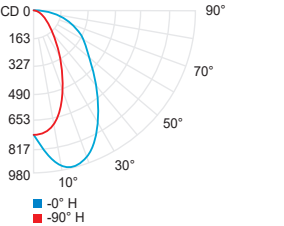
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	36.6W	Wall washer	1 260	34	1 017	ILB15-030-WW
			Wall washer LGC (longitudinal glare control)	1 008	27	977	ILB15-030-WL

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, 92CRI)



Wall washer LGC (3000K, 92CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	92CRI	92CRI	92CRI	92CRI
Multiplier	0.95	1	1.05	1.10