

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.

CCT (K)	CRI	MODEL	OPTIC	SYSTEM POWER (W)	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)
3000	92	ILB05	Wall Washer	13.0	420	32	355
		ILB10		25.0	840	33	711
		ILB15		36.5	1 277	33	1 082
		ILB05	Wall Washer LGC	13.0	324	24	329
		ILB10		25.0	634	25	645
		ILB15		36.5	958	25	974

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.

Dimming: Leading edge (TRIAC) and trailing edge (ELV) dimming (120V only), down to 1%.
0-10V dimming (120-277V), down to 0.1%.
DALI dimming (120-277V), down to 0.1%.

Finish: Black, white (RAL9010) and gray (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
ILB05 05 cells	TR Trim	IC New construction insulated ceiling	027 ¹ 2700K, 92CRI	WW Wall washer	120 120V	TRIM	120V
ILB10 10 cells	TL Trimless	CP New construction chicago plenum housing	030 ¹ 3000K, 92CRI	WL Wall washer LGC (Longitudinal glare control)	UNV 120-277V	01 White / black	LTE Leading edge and trailing edge (down to 1%)
ILB15 15 cells			035 ¹ 3500K, 92CRI			02 Black / black	120-277V (UNV)
			040 ¹ 4000K, 92CRI			10 Gray / black	D10 0-10V (down to 1%)
						TRIMLESS	DA ² DALI (down to 1%)
						02 Black	SD10 ² EldoLED SOLOdrive, 0-10V (down to 0.1%)
						Black baffle 	SDA ² DALI EldoLED SOLOdrive (down to 1%)

¹ 92CRI typical - 90CRI minimum.
² Not available for fifteen (15) models.

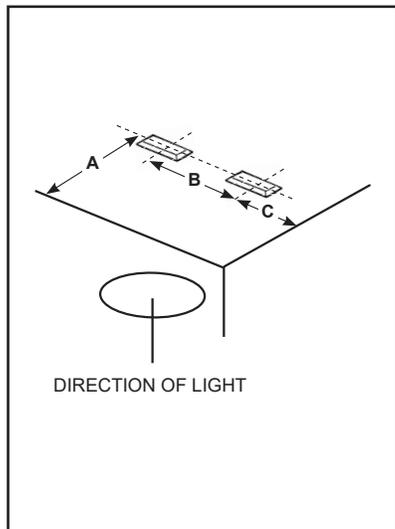
ACCESSORIES (TO BE ORDERED SEPARATELY)
Available only for trim mounting.

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)

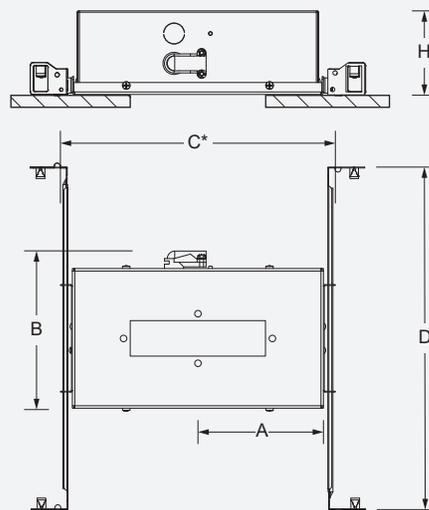
INSTALLATION OPTIONS

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

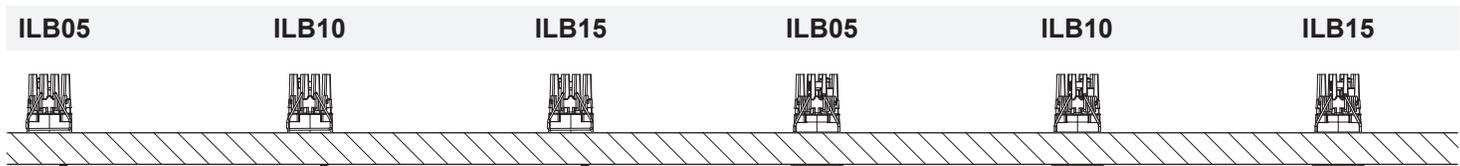


*Provide a minimum of 1/8" (46mm) on each side for the hanger bar fixations

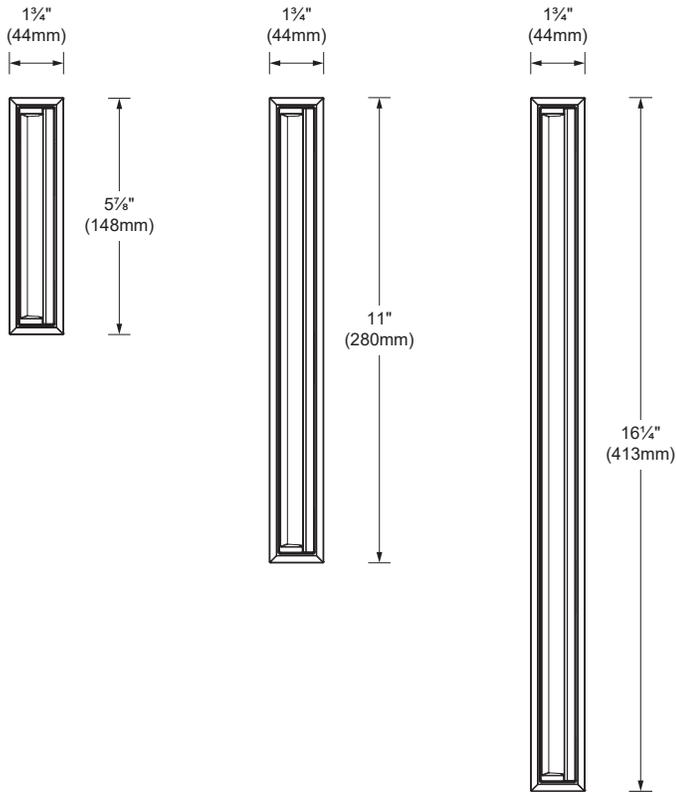
Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
ILB05	BI-LB05TR-IC/CP	1 1/2" x 5 5/16" (37 x 141mm)	5 1/4" (133mm)	6 9/16" x 11 1/2" (167mm x 292mm)	14 1/4" to 26" (362 to 660mm)	3 1/2" (89mm)
	BI-LB05TL-IC/CP	1 3/8" x 5 5/16" (35 x 141mm)				
ILB10	BI-LB10TR-IC/CP	1 1/2" x 10 13/16" (37 x 274mm)	8 7/8" (223mm)	6 1/2" x 21 1/16" (166mm x 540mm)		
	BI-LB10TL-IC/CP	1 5/8" x 10 3/4" (35 x 271mm)				
ILB15	BI-LB15TR-IC/CP	1 1/2" x 16" (37 x 406mm)	13 1/8" (332mm)	9 1/4" x 28 3/16" (238mm x 716mm)		
	BI-LB15TL-IC/CP	1 3/8" x 15 15/16" (35 x 404mm)				

TRIM MODELS DIMENSIONS

TRIMLESS MODELS DIMENSIONS

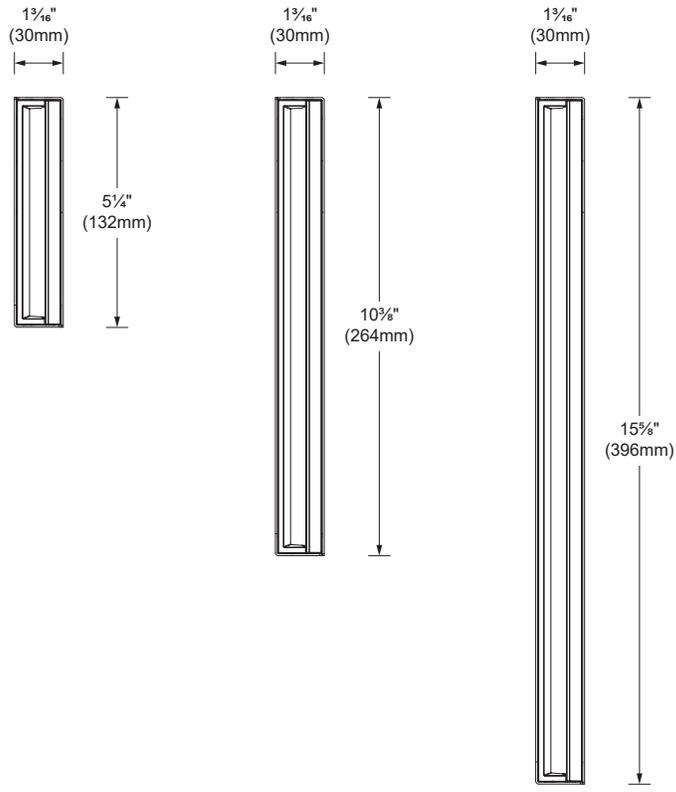


FRONT VIEW



BOTTOM VIEW

FRONT VIEW

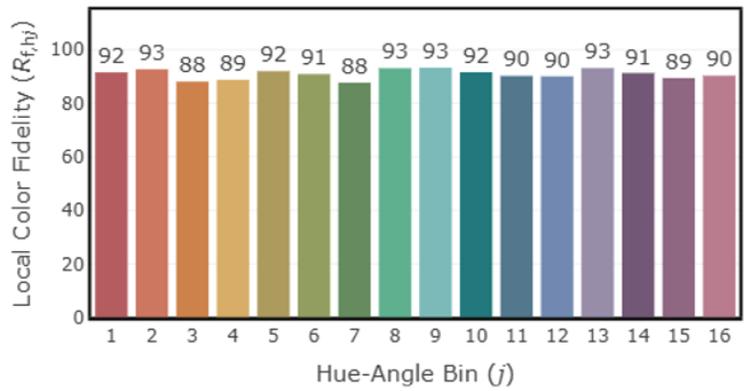
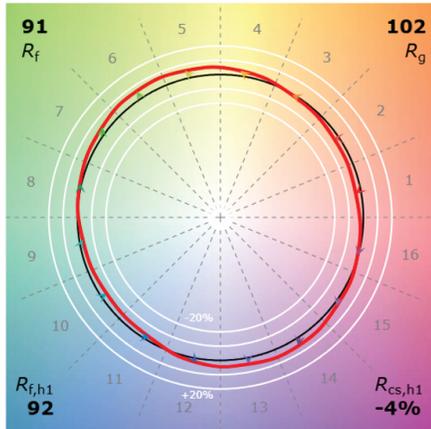


BOTTOM VIEW

LED COLOR FIDELITY DATA

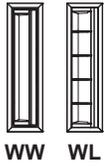
CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
92	2700K	92	96	98	91	91	95	91	79	55	89	92	86	93	98	88	91	100	0.488
	3000K	93	97	98	92	93	95	92	82	60	91	92	82	94	99	90	92	99	0.571
	3500K	92	95	96	92	91	93	93	83	59	87	92	79	93	97	89	92	99	0.635
	4000K	93	94	94	93	92	91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

1 This data may be subjected to change.



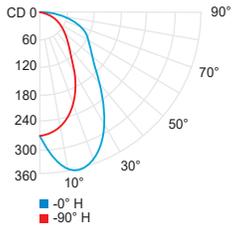
PHOTOMETRIC DATA

ILB05



(3000K, 92CRI) • Wall Washer

(ILB05-030-WW)



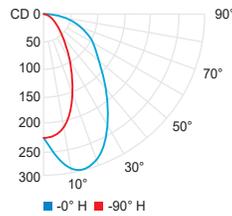
Center beam fc	Beam width ft	
2ft	70.1	1.8 2.3
4ft	17.5	3.6 4.6
6ft	7.79	5.4 6.8
8ft	4.38	7.2 9.1
10ft	2.80	9.0 11.4
12ft	1.95	10.8 13.7

Power: 13.0W
Lumens: 420 lm
Efficacy: 32 lm/W
Max candela: 355 cd

Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.92
3000K	1.00
3500K	1.04
4000K	1.04

(3000K, 92CRI) • Wall Washer LGC

(ILB05-030-WL)

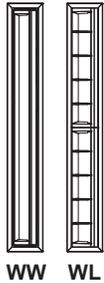


Center beam fc	Beam width ft	
2ft	57.8	1.9 1.8
4ft	14.5	3.8 3.7
6ft	6.43	5.7 5.5
8ft	3.61	7.6 7.4
10ft	2.31	9.4 9.2
12ft	1.61	11.3 11.1

Power: 13.0W
Lumens: 324 lm
Efficacy: 24 lm/W
Max candela: 329 cd

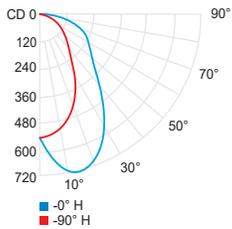
Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.92
3000K	1.00
3500K	1.04
4000K	1.04

ILB10



(3000K, 92CRI) • Wall Washer

(ILB10-030-WW)



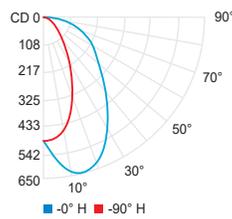
Center beam fc	Beam width ft	
2ft	140	1.8 2.3
4ft	35.0	3.6 4.6
6ft	15.6	5.4 6.8
8ft	8.76	7.2 9.1
10ft	5.61	9.0 11.4
12ft	3.89	10.8 13.7

Power: 25.0W
Lumens: 840 lm
Efficacy: 33 lm/W
Max candela: 711 cd

Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.92
3000K	1.00
3500K	1.04
4000K	1.04

(3000K, 92CRI) • Wall Washer LGC

(ILB10-030-WL)

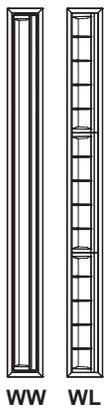


Center beam fc	Beam width ft	
2ft	127	1.9 1.8
4ft	31.8	3.8 3.7
6ft	14.1	5.7 5.5
8ft	7.94	7.6 7.4
10ft	5.08	9.4 9.2
12ft	3.53	11.3 11.1

Power: 25.0W
Lumens: 634 lm
Efficacy: 25 lm/W
Max candela: 645 cd

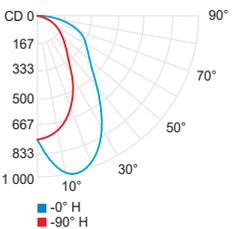
Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.91
3000K	1.00
3500K	1.04
4000K	1.04

ILB15



(3000K, 92CRI) • Wall Washer

(ILB15-030-WW)



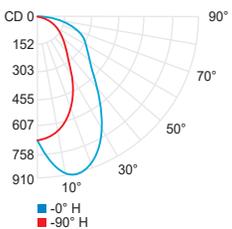
Center beam fc	Beam width ft	
2ft	196	1.8 2.3
4ft	48.9	3.6 4.6
6ft	21.7	5.4 6.8
8ft	12.2	7.2 9.1
10ft	7.83	9.0 11.4
12ft	5.43	10.8 13.7

Power: 36.5W
Lumens: 1,277 lm
Efficacy: 33 lm/W
Max candela: 1,082 cd

Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.92
3000K	1.00
3500K	1.03
4000K	1.03

(3000K, 92CRI) • Wall Washer LGC

(ILB15-030-WL)



Center beam fc	Beam width ft	
2ft	173	1.9 1.8
4ft	44.6	3.8 3.7
6ft	19.8	5.7 5.5
8ft	11.1	7.6 7.4
10ft	7.14	9.4 9.2
12ft	4.95	11.3 11.1

Power: 36.5W
Lumens: 958 lm
Efficacy: 25 lm/W
Max candela: 974 cd

Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.93
3000K	1.00
3500K	1.04
4000K	1.04