

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:** Remodel suitable for insulated ceiling.  
New construction plaster frame suitable for insulated ceiling. New construction housing suitable for insulated ceiling.
- Electrical:** High efficiency LED driver.  
See remote LED driver options on page 3.
- 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)
<b>ILB05</b> 05 cells	<b>TR</b> Trim	<b>RF</b> <sup>1</sup> Remodel	<b>027</b> <sup>3</sup> 2700K, 92CRI	<b>WW</b> Wall washer	<b>REM</b> Remote	<b>TRIM</b>
<b>ILB10</b> 10 cells	<b>TL</b> Trimless	<b>NC</b> <sup>1</sup> New construction plaster frame	<b>030</b> <sup>3</sup> 3000K, 92CRI	<b>WL</b> Wall washer LGC (Longitudinal glare control)	<input type="checkbox"/> <b>POE</b> Power over ethernet. (consult customer service)	<b>01</b> White / black
<b>ILB15</b> 15 cells		<b>IC</b> New construction insulated ceiling	<b>035</b> <sup>3</sup> 3500K, 92CRI			<b>02</b> Black / black
		<b>UC</b> <sup>2</sup> Undercabinet	<b>040</b> <sup>3</sup> 4000K, 92CRI			<b>10</b> Gray / black
						<b>TRIMLESS</b>
						<b>02</b> Black
						Black baffle 

1 Available for 05 cells (05) model.  
2 Only available with trim (TR) mounting.  
3 92CRI typical - 90CRI minimum.

**ACCESSORIES (TO BE ORDERED SEPARATELY)**

Available only for trim mounting.

**Anti-glare screen**

- IMXP7-02** - For laser blade 05 cells.
- IMXP8-02** - For laser blade 10 cells.
- IMXP9-02** - For laser blade 15 cells.



**REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)**

PRODUCT CODE

**Indoor rated drivers**

Driver box model	Min-max units		
	ILB05 9.8W*	ILB10 20W*	ILB15 29W*
4450-0700-012-120-LTE	1		
4443-0700-014-UNV-D2	1		
4444-0700-022-120-LTE	1-2	1	
4443-0700-025-UNV-D2	2	1	
4450-0700-030-UNV-SD10	1-2	1	
4443-0700-035-UNV-D2	3		1
4445-0700-040-120-LTE	3		1
4450-0700-038-UNV-ED10	1-3	1	1
4448-0700-100-UNV-SD10 (4 channels)	1-8 2 max. per channel	1-4 1 max. per channel	1-3 1 max. per channel

**N.B. :** For DALI dimming solution contact customer service.

\* Wattage requirement for one (1) fixture (remote fixture only).

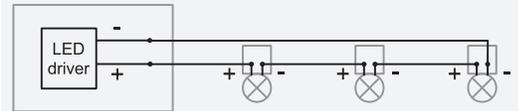
**DRIVER CODE SELECTION**

MODEL	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
<b>4443</b> L 5" x W 4" x H 3" (L 127 x W 102 x H 76mm)	<b>0700</b> 700mA	<b>012 to 100</b> 12W to 100W	<b>120</b> 120V  <b>UNV</b> 120-277V	<b>D2</b> Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black) Max distance: 9m (30ft)* (down to 1%)  <b>ED10</b> 0-10V ELDOLED ECOdrive Max distance: 36m (118ft)* (down to 1%)  <b>SD10</b> 0-10V ELDOLED SOLOdrive Max distance: 36m (118ft)* (down to 0.1%)  <b>LTE</b> Leading edge and trailing edge (ELV and TRIAC) Max distance: 9m (30ft)* (down to 15%)
<b>4444</b> L 6" x W 4" x H 3" (L 152 x W 102 x H 76mm)				
<b>4445</b> L 6" x W 6" x H 3" (L 152 x W 152 x H 76mm)				
<b>4448</b> L 10" x W 8" x H 4" (L 254 x W 203 x H 102mm)				
<b>4450</b> L 8" x W 8" x H 4" (L 203 x W 203 x H 102mm)				

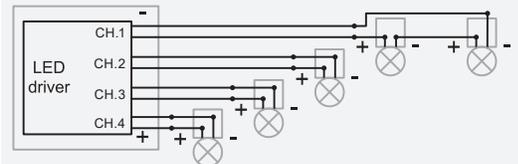
\*Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

**WIRING DIAGRAMS**

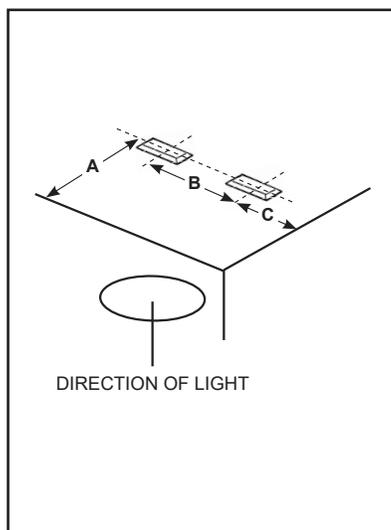
Multiple luminaires must be connected in series (home run or fixture chain)



Luminaires must be connected on separate channels (1-4). Multiple luminaires can be connected in series on a channel (home run or fixture chain). Do not exceed the wattage and voltage range on each channel.



**SPACING**

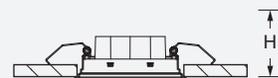


WW WALL WASHER WL WALL WASHER LONGITUDINAL		SUGGESTED		
		In (mm)		
		A mm	B mm	C mm
ILB05-TL-XX-XXX-WW ILB05-TR-XX-XXX-WW	MQ67 - MQ68 - MQ69 - MQ70 - P194 - P146 - P147 - EK79 EK80 - R582 - R583 - R584 - R585 - R586 - R587 - R588 RB72 - RB73	32" (800mm)	32" (800mm)	16" (400mm)
ILB10-TL-XX-XXX-WW ILB10-TR-XX-XXX-WW 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**

**Remodel (RF)**

Versatile fixture for new or existing ceiling structure. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Fixture is ready for remodeling installation. Trimless frame and fixture can be shipped separately.



**Ceiling thickness:**

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

Model	Trimless frame	Cut-out dimensions	Clearance (H)
ILB05	TR	1 1/2" x 5 5/8" (37 x 141mm)	2 1/2" (64mm)
	TL	TK-LB05TL-RF*	

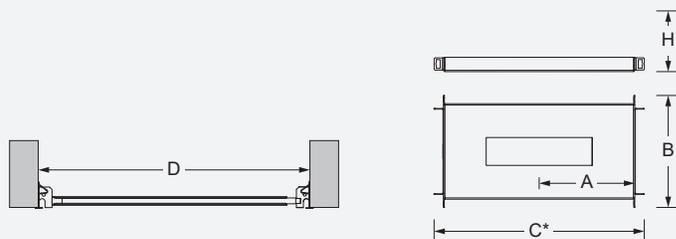
\*Can be installed from below the ceiling.

**New construction with plaster frame (NC)**

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Plaster frame and trim can be shipped separately. (Power supply is not accessible from luminaire opening)

**Ceiling thickness:**

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



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

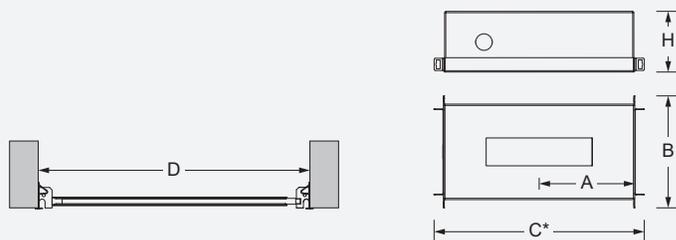
Model	Plaster frame	Cut-out dimensions	Cut-out positions (A)	Overall dimensions (BxC)	Hanger bars range (D)	Clearance (H)
ILB05	BN-LB05TR-NC	1 1/2" x 5 5/8" (37 x 141mm)	5 1/4" (133mm)	5 5/8" x 11" (150 x 280mm)	9" to 15 1/4" (229 to 387mm)	2 1/2" (64mm)
	BN-LB05TL-NC	1 3/8" x 5 5/8" (35 x 141mm)				

**New construction with housing (IC)**

New construction housing with hanger bars system to be installed during rough-in phase. This installation is suitable for insulated or non-insulated ceiling. housing and trim can be shipped separately. (Power supply is not accessible from luminaire opening)

**Ceiling thickness:**

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

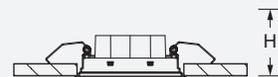


\*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out positions (A)	Overall dimensions (BxC)	Hanger bars range (D)	Clearance (H)
ILB05	BI-LB05TR-IC-REM	1 1/2" x 5 5/8" (37 x 141mm)	5 1/4" (133mm)	5 5/8" x 11" (150 x 280mm)	14 1/4" to 26" (362 to 660mm)	3 3/8" (81mm)
	BI-LB05TL-IC-REM	1 3/8" x 5 5/8" (35 x 141mm)				3 1/2" (89mm)
ILB10	BI-LB10TR-IC-REM	1 1/2" x 10 9/16" (37 x 274mm)	8 5/8" (223mm)	5 5/8" x 18 3/8" (144 x 430mm)	14 1/4" to 26" (362 to 660mm)	3 1/2" (89mm)
	BI-LB10TL-IC-REM	1 3/8" x 10 9/16" (35 x 271mm)				
ILB15	BI-LB15TR-IC-REM	1 1/2" x 16" (37 x 406mm)	13 3/8" (332mm)	9 1/2" x 25" (242 x 635mm)	14 1/4" to 26" (362 to 660mm)	3 1/2" (89mm)
	BI-LB15TL-IC-REM	1 3/8" x 15 5/8" (37 x 404mm)				

**Under cabinet installation (UC)**

Low profile installation in confined spaces, such as cabinets, shelves and closets. Not suitable for ceiling installation. (Power supply is not accessible from luminaire opening)

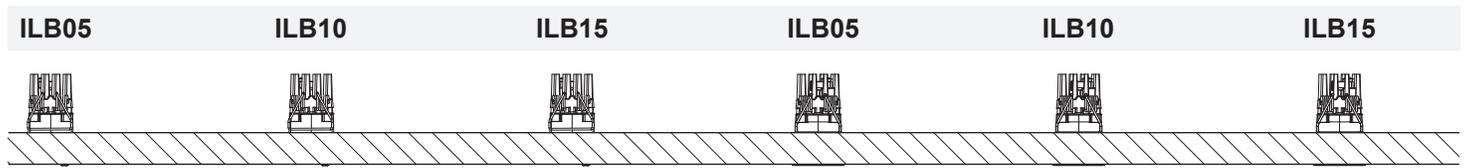


**Surface thickness:** 1/8" to 1 1/8" (3mm to 29mm)

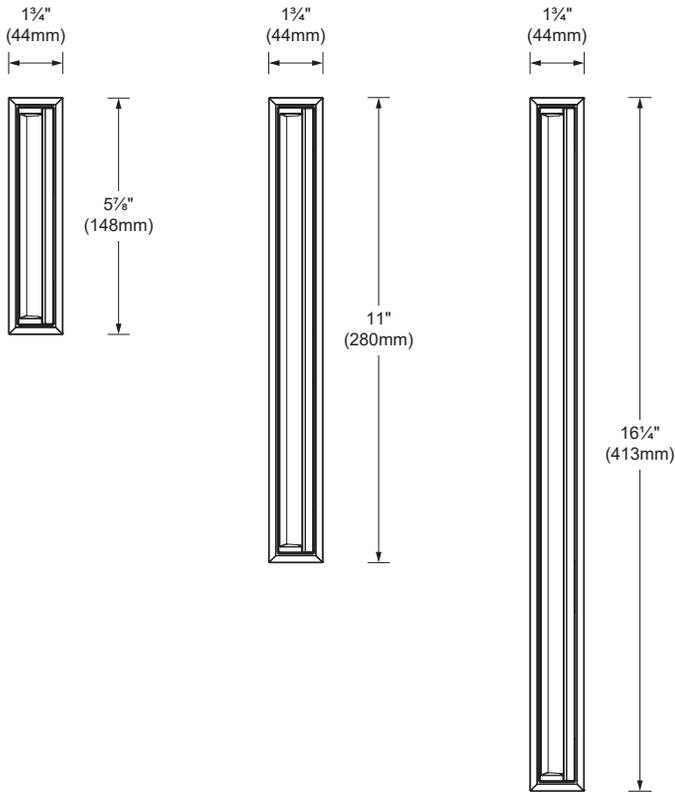
Model	Trimless frame	Cut-out dimensions	Clearance (H)
ILB05	TR	1 1/2" x 5 5/8" (37 x 141mm)	2 1/2" (64mm)
ILB10	TR	1 1/2" x 10 9/16" (37 x 274mm)	
ILB15	TR	1 1/2" x 16" (37 x 406mm)	

**TRIM MODELS DIMENSIONS**

**TRIMLESS MODELS DIMENSIONS**

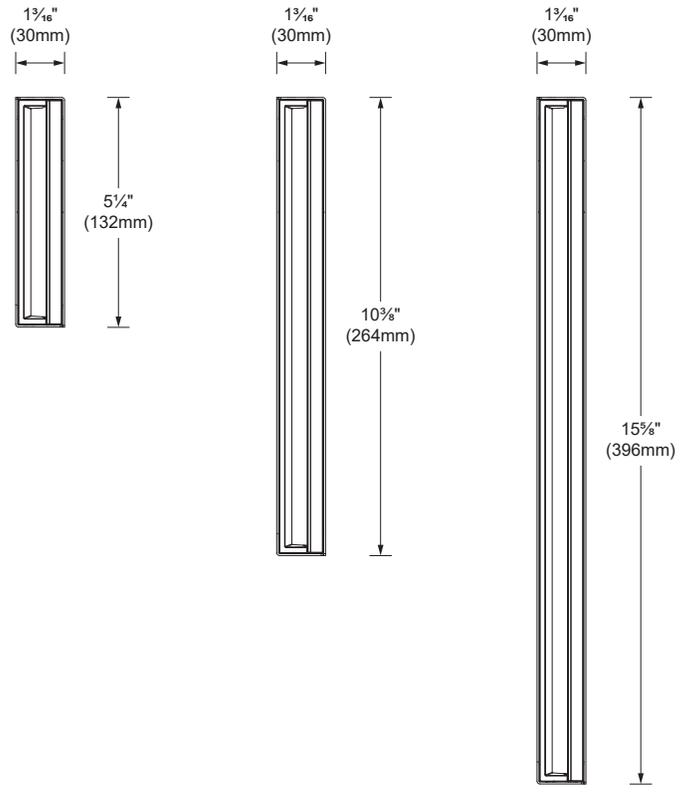


**FRONT VIEW**



**BOTTOM VIEW**

**FRONT VIEW**

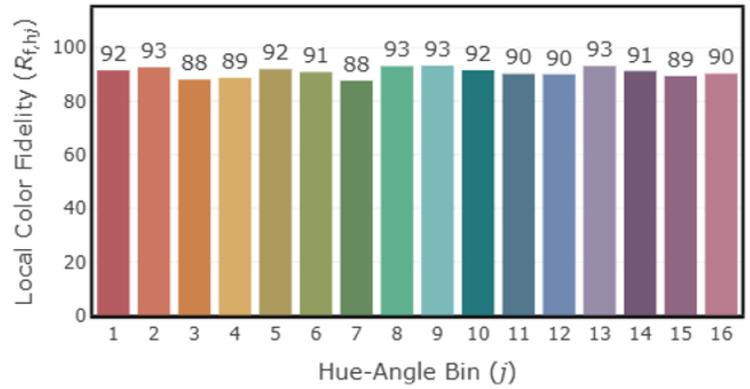
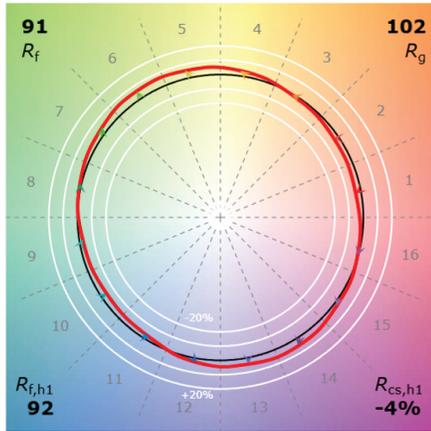


**BOTTOM VIEW**

**LED COLOR FIDELITY DATA**

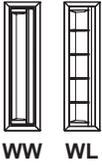
CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
92	2700K	92	96	98	91	91	95	91	79	55	89	92	86	93	98	88	91	100	0.488
	3000K	93	97	98	92	93	95	92	82	60	91	92	82	94	99	90	92	99	0.571
	3500K	92	95	96	92	91	93	93	83	59	87	92	79	93	97	89	92	99	0.635
	4000K	93	94	94	93	92	91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

1 This data may be subjected to change.



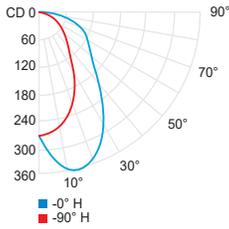
**PHOTOMETRIC DATA**

**ILB05**



(3000K, 92CRI) • **Wall Washer**

(ILB05-030-WW)



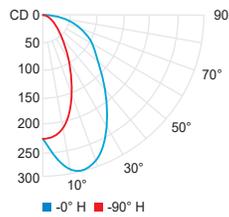
Center beam fc	Beam width ft
2ft 70.1	1.8 2.3
4ft 17.5	3.6 4.6
6ft 7.79	5.4 6.8
8ft 4.38	7.2 9.1
10ft 2.80	9.0 11.4
12ft 1.95	10.8 13.7

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

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

(3000K, 92CRI) • **Wall Washer LGC**

(ILB05-030-WL)

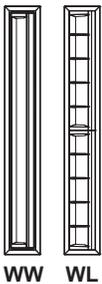


Center beam fc	Beam width ft
2ft 57.8	1.9 1.8
4ft 14.5	3.8 3.7
6ft 6.43	5.7 5.5
8ft 3.61	7.6 7.4
10ft 2.31	9.4 9.2
12ft 1.61	11.3 11.1

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

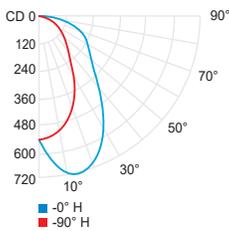
Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.92
<b>3000K</b>	1.00
3500K	1.04
4000K	1.04

**ILB10**



(3000K, 92CRI) • **Wall Washer**

(ILB10-030-WW)



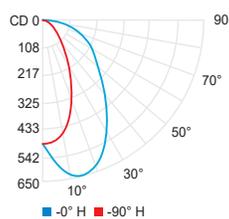
Center beam fc	Beam width ft
2ft 140	1.8 2.3
4ft 35.0	3.6 4.6
6ft 15.6	5.4 6.8
8ft 8.76	7.2 9.1
10ft 5.61	9.0 11.4
12ft 3.89	10.8 13.7

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

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

(3000K, 92CRI) • **Wall Washer LGC**

(ILB10-030-WL)

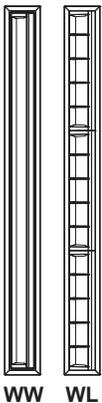


Center beam fc	Beam width ft
2ft 127	1.9 1.8
4ft 31.8	3.8 3.7
6ft 14.1	5.7 5.5
8ft 7.94	7.6 7.4
10ft 5.08	9.4 9.2
12ft 3.53	11.3 11.1

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

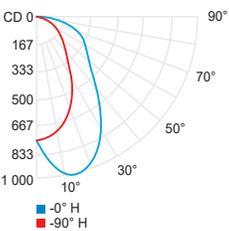
Photometric data multiplier	
Color temperature	Lumens (lm)
2700K	0.91
<b>3000K</b>	1.00
3500K	1.04
4000K	1.04

**ILB15**



(3000K, 92CRI) • **Wall Washer**

(ILB15-030-WW)



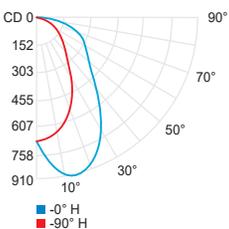
Center beam fc	Beam width ft
2ft 196	1.8 2.3
4ft 48.9	3.6 4.6
6ft 21.7	5.4 6.8
8ft 12.2	7.2 9.1
10ft 7.83	9.0 11.4
12ft 5.43	10.8 13.7

**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
<b>3000K</b>	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
<b>3000K</b>	1.00
3500K	1.04
4000K	1.04