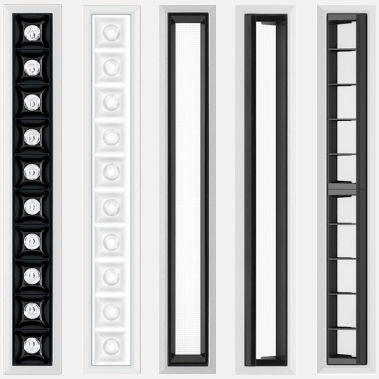
LASER BLADE 10 CELLS
Downlight Integral

Project: _____

Type: _____

OPTIC OPTIONS

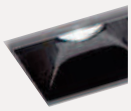


SP, FL, WF, LW, TW. | GP | GL | WW | WL

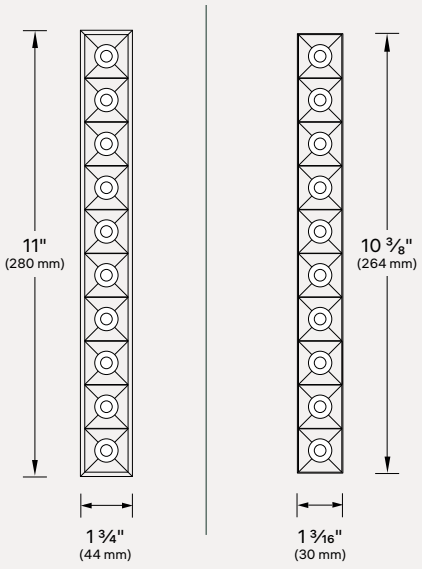
TRIM



TRIMLESS



TRIM **TRIMLESS**



BOTTOM VIEW

Built around the concept of the invisible source, Laser Blade has evolved into a complete architectural lighting family with expanded optics, enhanced performance and excellent chromatic rendering. Available in five sizes and multiple integration options, it delivers exceptional visual comfort across hospitality, workplace, retail and residential applications.

FEATURES

- Available Dimming Drivers/Protocols: ELV & TRIAC, 0-10V, DALI, eldoLED SOLOdrive 0-10V, and eldoLED SOLOdrive DALI. 1% and 0.1% dimming available (0.1% only for models SD10 and SDA).
- Tool-free installation
- Full specification available *page 4*

IP 20 | cULus | CE Equivalent Available | 5-Year Limited Warranty | CCEA

FINISH OPTIONS *

Trim

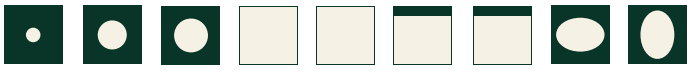


Trimless



*Consult factory for custom finishes

OPTIC OPTIONS



Spot 13° (SP) | Flood 32° (FL) | Wide Flood 47° (WF) | General Light Pro (GP) | General Light (GL) | Wall Washer (WW) | Wall Washer LGC (WL) | Wide Flood Oval Long. (LW) | Wide Flood Oval Tran. (TW)

MODEL	AVAILABLE OPTIC	SYSTEM POWER (W)	LUMENS (LM)	EFFICACY (IM/W)	MAX CANDELA (CD)
ILB10	Spot 13°	25.0	2 032	81	17 161
	Flood 32°	25.0	2 032	73	6 927
	Wide Flood 47°	25.0	2 056	82	3 105
	Wide Flood Space 47°	25.0	2 056	82	3 685
	General Light Pro	25.0	1 839	73	2 452
	General Light	20.0	1 210	48	999
	Wall Washer	25.0	840	33	711
	Wall Washer LGC	25.0	634	25	645
	Wide Flood Oval Longitudinal	25.0	1 814	72	1 727
	Wide Flood Oval Transversal	25.0	1 814	72	1 711

FAMILY OVERVIEW*

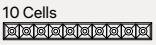
RECESSED



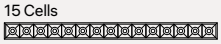
1 Cell | 2 Cells

5 Cells

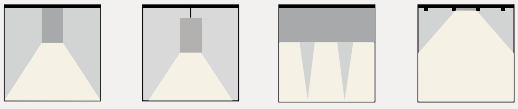
10 Cells



15 Cells



SURFACE | **PENDANT** | **LINEAR** | **WOOD SLAT CEILING**



5 Cells

10 Cells

15 Cells



*Refer to other spec sheets to view additional options

Due to continuous improvements, the information herein may be changed without notice.

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CONFIGURE

LASER BLADE 10 CELLS
Downlight Integral

Project: _____

Type: _____

ORDERING INFO

ILB10

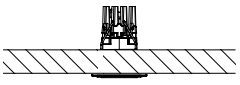
PRODUCT CODE EXAMPLE: ILB10-TL-IC-030-F-120-01 **INSTALLATION CODE**

ILB10							
MODEL	**MOUNTING**	**INSTALLATION**	**LED**	**OPTIC**	**VOLTAGE**	**FINISH**	**DIMMING**
ILB10 10 Cells	**TR** Trim **TL** Trimless Drywall Mud **ML** [1] Trimless Millwork	**IC** New Construction Insulated Ceiling **CP** New Construction Chicago Plenum Housing	**027** [2] 2700K, 92CRI **030** [2] 3000K, 92CRI **035** [2] 3500K, 92CRI **040** [2] 4000K, 92CRI	**SP** Spot 13° **FL** Flood 32° **WF** Wide Flood 47° Wide Flood Space 47° **GP** [4] General Light Pro **GL** [5] General Light **WW** Wall Washer **WL** Wall Washer LGC (Longitudinal Glare Control) **LW** Wide Flood Oval Longitudinal **TW** Wide Flood Oval Transversal	**120** 120V **UNV** 120-277V	***TRIM*** (Trim / Baffle finish[6]) **01** White / Black **31** White / White **02** Black / Black **10** Gray / Black **D8** [3] White / Transparent Space **83** [3] Black / Transparent Space ***TRIMLESS*** (Baffle finish[6]) **31** White **02** Black **24** [3,7] Transparent Space	**120V** **LTE** Leading edge and trailing edge (ELV & TRIAC) (Down to 1%) **120-277 (UNV)** **D10** 0-10V (Down to 1%) **DA** DALI (Down to 1%) **SD10** EldoLED SOLOdrive, 0-10V (Down to 0.1%) **SDA** DALI EldoLED SOLOdrive, DALI (Down to 0.1%)

1 Mounting kit is supplied in white when the transparent **(24)** finish is selected.
2 92CRI typical - 90CRI minimum.
3 Only available with Wide Flood Space 47°
4 Available only with White/white **(TR)** and White **(TL)** finish **(31).**
5 Available only with Trim option **(TR).**
6 Custom baffle finish available, contact customer service for details.
7 The product comes with a white body.

OVAL BEAM DISTRIBUTION

OVAL LONGITUDINAL



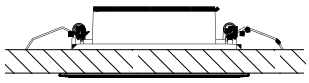
FRONT VIEW



LW

TOP VIEW

OVAL TRANSVERSAL



FRONT VIEW



TW

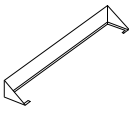
TOP VIEW

ACCESSORIES (TO BE ORDER SEPARATELY)

Available only for trim mounting

Anti-glare screen

☐ IMXP8 -02 -For laser blade 10 cells.



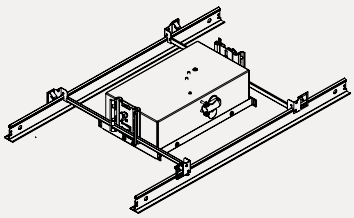
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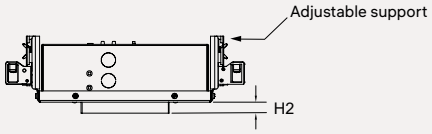
INSTALLATION

NEW CONSTRUCTION WITH HOUSING SUITABLE FOR INSULATED CEILING (IC) OR CHICAGO PLENUM (CP)*

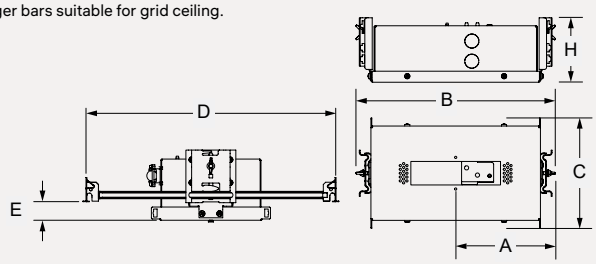
Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or Chicago plenum applications like sheetrock, paneling and grid ceiling. Housing and trim can be shipped separately **(Power supply is not accessible from luminaire opening).**



Hanger bars suitable for grid ceiling.



Ceiling thickness(H2):
Trim: ⅜" to 1 ⅛" (3 mm – 29 mm)
Trimless drywall mud: ⅜" to 1 ⅛" (3 mm - 29 mm).
Trimless millwork: ½" to 1" (13 mm - 25 mm).



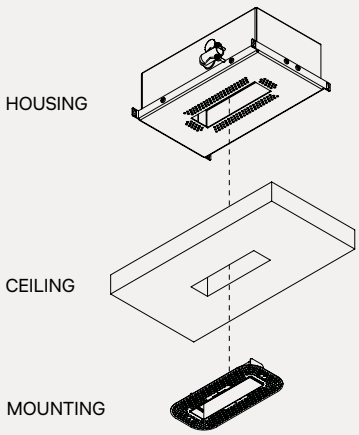
*Provide a minimum of 1 ⅞" (46 mm) on each side for the hanger bar fixations.

MODEL	HOUSING	CUT-OUT DIMENSIONS	CUT-OUT POSITIONS (A)[1]	OVERALL DIMENSIONS (BXC)[2]	HANGER BARS RANGE (D)[3,4]	ADJUSTABILITY (E)[5]	CLEARANCE (H)[6]
Trim	BI-LB10TR-IC/CP	1 ½" x 10 13/16" (37 x 274 mm)	9 ¾" (247 mm)	19" x 6 ⅞" (482 x 173 mm)	14 ¼" to 26" (362 to 660 mm)	0" to 4 ⅝" (0 to 118 mm)	4 " (102 mm)
Trimless drywall mud	BI-LB10TL-IC/CP						
Trimless millwork, white	BI-LB10ML-IC/CP-01	1 ¼" x 10 9/16" (32 x 268 mm)					
Trimless millwork, black	BI-LB10ML-IC/CP-02						

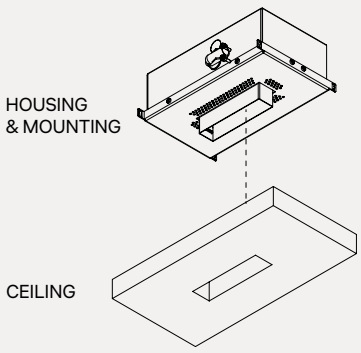
1 Remove 15/16" (24 mm) for flush mount installation (Without adjustable support)
2 Remove 1 13/16" (46 mm) for flush mount installation.
3 Available on special demand : 9" (229 mm) to 15" (381 mm) hanger bar.
4 19" to 26" flush mount.
5 No adjustability for flush mount installation.
6 3 ½" (89 mm) for flush mount installation.

TRIMLESS MOUNTING OPTIONS

TRIMLESS DRYWALL MUD



TRIMLESS MILLWORK



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SPECIFICATIONS

LUMINAIRE CHARACTERISTICS

Source Power: 20W
System Power: 25.0W (source wattage) [1]
Lumens: 634 lm to 2056 lm (for 3000K, 92CRI)
Luminaire efficacy: up to 82 lm/W

SOURCE

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

LUMEN MAINTENANCE

90% of initial lumens at 50 000 hours (L90) (LM-80).

OPTICS

Low luminance: Spot 13°**(SP)**, flood 32°**(FL)**, wide flood 47°**(WF)** with diamond technology, general light pro **(GP)**, general light **(GL)**, wall washer **(WW)**, wall washer LGC **(WL)** and wide flood oval transversal **(TW)** or longitudinal **(LW)** optics with Opti Beam technology.

MATERIAL

SP- FL- WF (Optics)
Body and heat sink: Die-cast aluminum.
Reflector and baffle: Thermoplastic.
Housing: Galvanized steel.

WW-WL (Optics)
Body and heat sink: Die-cast aluminum.
Reflector and baffle: Aluminum and Polycarbonate.
Housing: Galvanized steel.
Diffuser: PMMA diffuser with ribbed texture.

GL (Optic)
Body and heat sink: Die-cast aluminum.
Diffuser: Frosted PMMA diffuser with linear optic.
Housing: Galvanized steel.

MOUNTING

New construction housing or chicago plenum rated housing, both suitable for insulated ceiling **(IC/CP)**

ELECTRICAL

High efficiency LED driver ratings. 48.000 hours with insulation**(GL)**.

FINISH

Black (RAL9004), white (RAL9010) and gray (RAL9006) body with transparent baffle on page 2.

WEIGHT

ILB10: 1.32 lbs (0.60 kg) to 1.43 lbs (0.65 kg)

WARRANTY

5 year limited warranty.

RATINGS

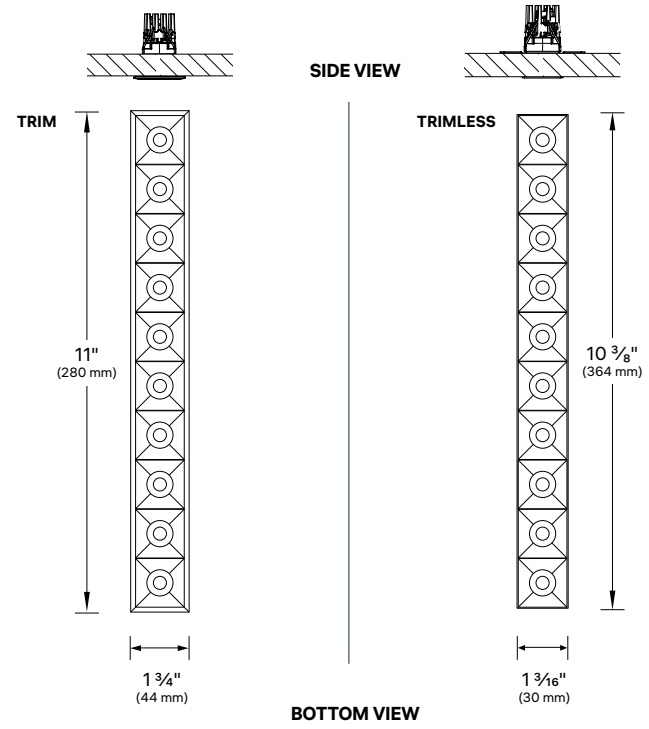
IP20.

CERTIFICATION

cULus listed for damp location. Interior use only.

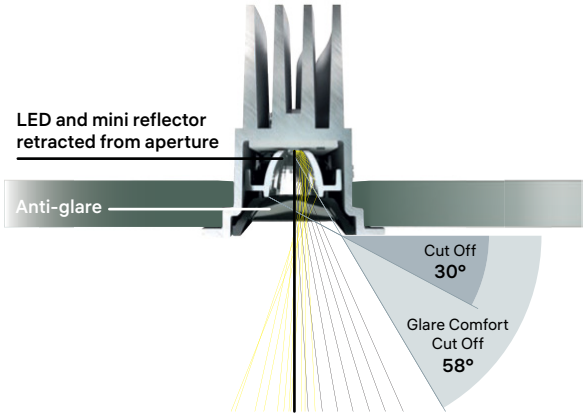
TRIM MODEL DIMENSIONS

TRIMLESS MODEL DIMENSIONS



VISUAL COMFORT

The innovative micro-reflector, with patented Opti Beam technology, generates pleasant lighting for the eye and the space. Visual comfort UGR < 10.



1 LED load requirement for one (1) fixture in watts (remote fixture only).

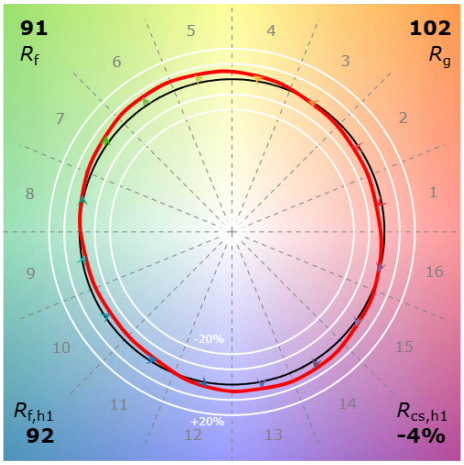
2 Not available for WW, WL and WF 47° Space

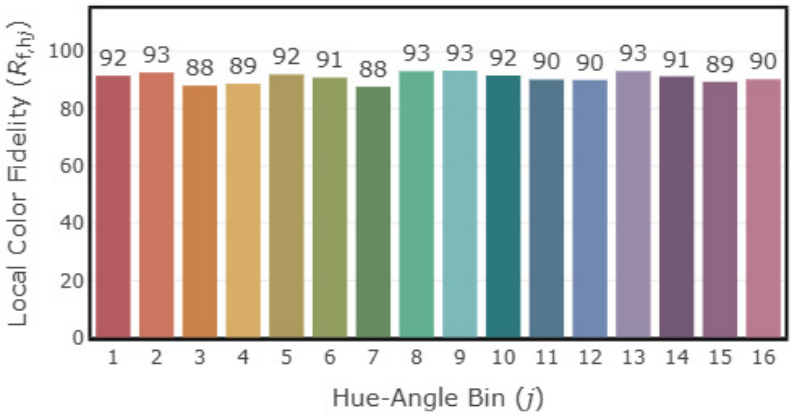
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Project: _____
Type: _____

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	92	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





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Project: _____
Type: _____

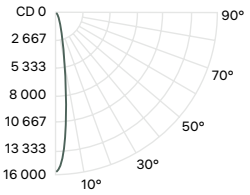
PHOTOMETRIC DATA

ILB10

SP, FL, WF, GP, LW, TW.

CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	92	25.0	Spot 13°	2 032	81	17 161	ILB10-030-SP
			Flood 32°	2 032	81	6 927	ILB10-030-FL
			Wide Flood 47°	2 056	82	3 478	ILB10-030-WF
			General Light Pro	1 839	73	2 452	ILB10-030-GP
			Wide Flood Oval Longitudinal	1 814	72	1 727	ILB10-030-LW
			Wide Flood Oval Transversal	1 814	72	1 711	ILB10-030-TW
			Wide Flood Space 47°	2 056	82	3 685	ILB10-030-WF-D8/83/24

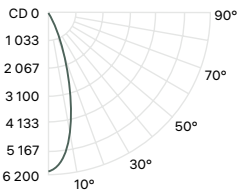
Spot 13°
(3000K, 92CRI)



-0° H

	Center beam fc	Beam width ft
2ft	3 831	0.5
4ft	958	0.9
6ft	426	1.4
8ft	238	1.9
10ft	153	2.3
12ft	106	2.8

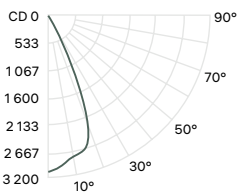
Flood 32°
(3000K, 92CRI)



-0° H

	Center beam fc	Beam width ft
2ft	1 546	1.2
4ft	387	2.3
6ft	172	3.5
8ft	96.6	4.6
10ft	61.9	5.8
12ft	43.0	6.9

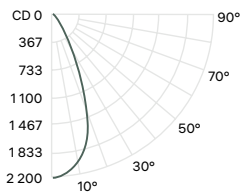
Wide Flood 47°
(3000K, 92CRI)



-0° H

	Center beam fc	Beam width ft	
2ft	752	1.7	1.8
4ft	188	3.5	3.7
6ft	83.5	5.2	5.5
8ft	47.0	7.0	7.4
10ft	30.1	8.7	9.2
12ft	20.9	10.3	11.1

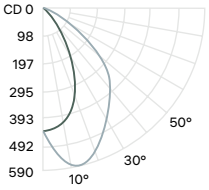
General Light Pro
(3000K, 92CRI)



-0° H

	Center beam fc	Beam width ft
2ft	547	1.9
4ft	137	3.8
6ft	60.8	5.7
8ft	34.2	7.5
10ft	21.9	9.4
12ft	15.2	11.3

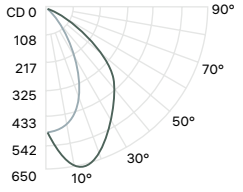
Wide Flood Oval Long.
(3000K, 92CRI)



-0° H -90° H

	Center beam fc	Beam width ft	
2ft	115	1.9	1.8
4ft	28.8	3.8	3.7
6ft	12.8	5.7	5.5
8ft	7.20	7.6	7.4
10ft	4.61	9.4	9.2
12ft	3.20	11.3	11.1

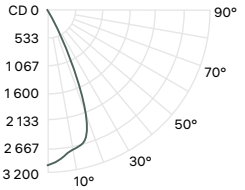
Wide Flood Oval Tran.
(3000K, 92CRI)



-0° H -90° H

	Center beam fc	Beam width ft	
2ft	127	1.8	2.3
4ft	31.7	3.6	4.6
6ft	14.1	5.4	6.8
8ft	7.92	7.2	9.1
10ft	5.07	9.0	11.4
12ft	3.52	10.8	13.7

Wide Flood Space 47°
(3000K, 92CRI)



-0° H

	Center beam fc	Beam width ft	
2ft	752	1.7	1.8
4ft	188	3.4	3.7
6ft	83.5	5.2	5.5
8ft	47.0	6.9	7.4
10ft	30.1	8.6	9.2
12ft	20.9	10.3	11.1

CCT Options	2700K	3000K	3500K	4000K
CRI Options	92CRI	92CRI	92CRI	92CRI
Multiplier	**0.93**	**1**	**1.03**	**1.03**

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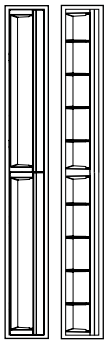
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Project: _____

Type: _____

PHOTOMETRIC DATA

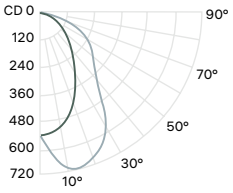
ILB10



WW WL

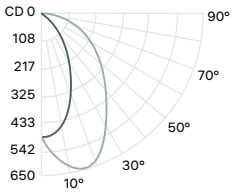
CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	92	25.0	Wall Washer	840	33	711	ILB10-030-WW
			Wall Washer LGC	634	25	645	ILB10-030-WL

Wall Washer
(3000K, 92CRI)



	Center beam fc	Beam width ft	
	□ -0° H	□ -90° H	
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

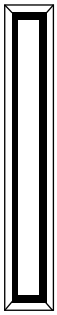
Wall Washer LGC
(3000K, 92CRI)



	Center beam fc	Beam width ft	
	□ -0° H	□ -90° H	
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

CCT Options	2700K	3000K	3500K	4000K
CRI Options	92CRI	92CRI	92CRI	92CRI
Multiplier	**0.92**	**1**	**1.04**	**1.04**

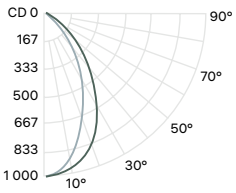
ILB10



GL

CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	92	25.0	General Light	1 210	48	999	ILB10-030-GL

General Light
(3000K, 92CRI)



	Center beam fc	Beam width ft	
	□ -0° H	□ -90° H	
2ft	249	2.0	2.9
4ft	62.4	4.0	5.7
6ft	27.7	6.0	8.6
8ft	15.6	8.0	11.4
10ft	9.98	10.0	14.3
12ft	6.93	12.0	17.1

CCT Options	3000K	3500K	4000K
CRI Options	92CRI	92CRI	92CRI
Multiplier	**1**	**1.05**	**1.10**

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Due to continuous improvements, the information herein may be changed without notice.
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