


Elegant LED profile systems with small aperture, only 1.5". Available in two different sizes for direct / indirect illuminations. Modular continuous systems configured to obtain bespoke solutions by incorporating Laser Blade modules from iGuzzini.

**Luminaire characteristics:**

**Power input:** 9.8W to 29W (source wattage)  
**Lumens:** 746lm to 2542lm (for 3000K, 92CRI)  
**Luminaire efficacy:** up to 87lm/W

<b>Source:</b>	White LED (LM-80) 2700K: 92CRI (90CRI min), 3000K: 92CRI (90CRI min), 3500K: 92CRI (90CRI min), 4000K: 92CRI (90CRI min).
<b>Lumen maintenance:</b>	80% of initial lumens at 50 000 hours (L80) (LM-79).
<b>Optics:</b>	Downlight: Spot, flood, wide flood, general light pro, medium oval transversal or longitudinal and wide flood oval transversal or longitudinal; General light; Wall washer or wall washer LGC.
<b>Optics:</b>	Spot, flood, wide flood, general light, general light pro, wall washer or wall washer LGC (longitudinal glare control).
<b>Material:</b>	Profile: Extruded aluminum Body and end caps: Die-cast aluminum Cover plate: Extruded aluminum Baffles and reflector: Thermoplastic Wall washer diffuser: PMMA ribbed acrylic.
<b>Mounting:</b>	Supplied with 5' (1500mm) long suspension aircraft cable (field adjustable) and white canopy. To be installed on a standard 4" octagonal junction box.
<b>Electrical:</b>	See remote LED driver options on page 3.
<b>Finish:</b>	Powder coated profile, cover plates and canopy. (page 2)
<b>Weight:</b>	Max: 22.6lbs (10.25kg)
<b>Warranty:</b>	5 year limited warranty
<b>Ratings:</b>	IP20
<b>Certification:</b>	 cULus listed for damp location. Interior use only.



**ORDERING INFO**

**- S - F -**                      **- - REM**

FIXTURE



**MODEL**

**3650** - High profile - 4 5/8" (116mm)

**3660** - Compact profile - 3 1/2" (89mm)

**LAYOUT**

**S** - Single

**CONFIGURATION**

**F** - Full

**LASER BLADE MODEL**

**LB05** - 5 Cells

**LB10** - 10 Cells

**LB15** - 15 Cells

**LED**

**027** - 2700K, 92CRI\*

**030** - 3000K, 92CRI\*

**035** - 3500K, 92CRI\*

**040** - 4000K, 92CRI\*

**OPTIC**

**SP** - Spot 13°

**FL** - Flood 32°

**WF** - Wide flood 47°

**GP** - General light pro

**LM** - Medium oval longitudinal<sup>(1)</sup>

**TM** - Medium oval transversal<sup>(1)</sup>

**LW** - Wide flood oval longitudinal<sup>(2)</sup>

**TW** - Wide flood oval transversal<sup>(2)</sup>

**GL** - General light<sup>(1)</sup>

**WW** - Wall washer

**WL** - Wall washer LGC (longitudinal glare control)

**WALL WASHER DIRECTION (FEED POSITION)**

**L** - Left<sup>(3)</sup>

**R** - Right<sup>(3)</sup>

**N** - Not applicable

**VOLTAGE**

**REM** - Remote

**FINISH** (profile finish / baffle finish)

**10** - Gray / black



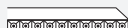
**01** - White / black



**02** - Black / black



**31** - White / white<sup>(4)</sup>



\* 92CRI typical, minimum 90CRI.

<sup>(1)</sup> Available with five (**LB05**) model.

<sup>(2)</sup> Available with five (**LB05**) and ten (**LB10**) laser blade models.

<sup>(3)</sup> Available for 10 cells (**LB10**) and 15 cells (**LB15**) laser blade models.

<sup>(4)</sup> Available for downlight (**SP**, **FL**, **LM**, **TM**, **LW**, **TW**, **WF**, **GP**) optics.

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

							LB05 9.8W*	LB10 20W*	LB15 29W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units		
<b>4443-0700-014-UNV-D2</b>							1		
14	120-277V	Indoor	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	35ft(10m)			
<b>4444-0700-022-120-LTE</b>							1		
22	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 101 x 76mm)	30ft(9m)			
<b>4443-0700-026-UNV-D2</b>							2	1	
26	120-277V	Indoor	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	35ft(10m)			
<b>4450-0700-030-UNV-SD10</b>							1-2	1	
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)			
<b>4443-0700-037-UNV-D2</b>							3		1
37	120-277V	Indoor	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	5" x 4" x 3" (127 x 102 x 76mm)	35ft(10m)			
<b>4450-0700-038-UNV-D10</b>							1-3	1	1
38	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)			
<b>4445-0700-040-120-LTE</b>							3		1
40	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft(9m)			
<b>4450-0700-050-UNV-ED10</b>							1-3	1	1
50	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)			
<b>4450-0700-050-UNV-SD10 (2 channels)</b>							1-4 1-2 per channel	1-2 1 per channel	
50	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)			
<b>4448-0700-100-UNV-SD10 (4 channels)</b>							1-8 <sup>(1)</sup> 1-2 per channel	1-4 <sup>(1)</sup> 1 per channel	1-3 <sup>(1)</sup> 1 per channel
100	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 102mm)	118ft(36m)			

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

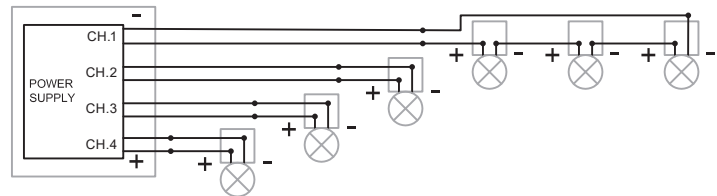
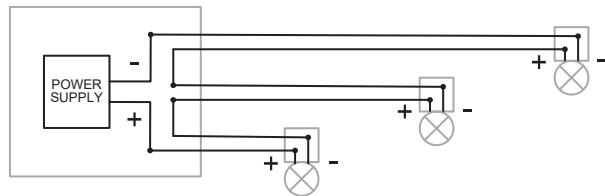
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

## WIRING DIAGRAMS

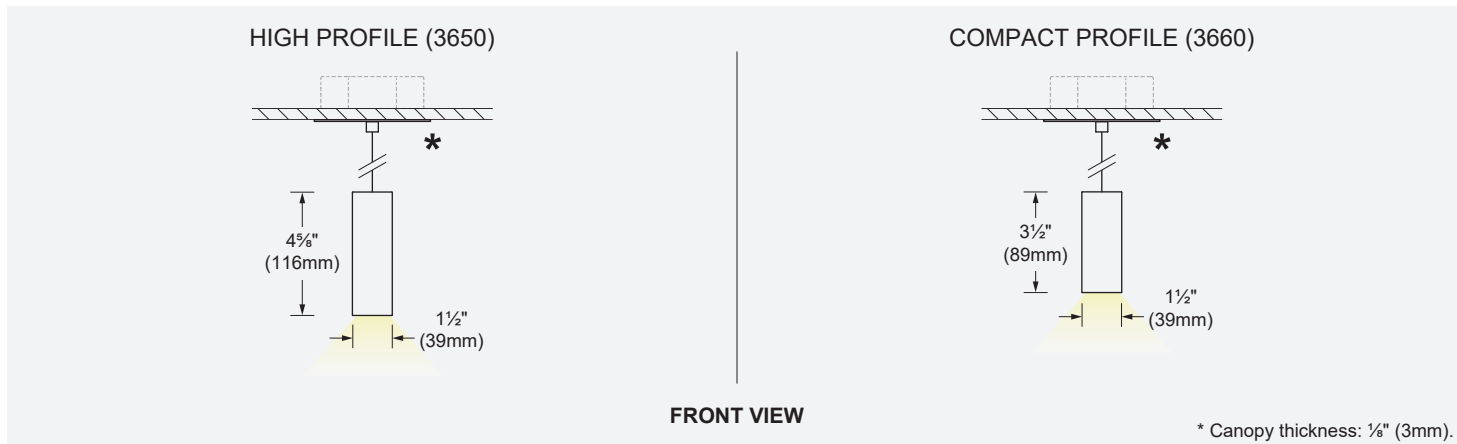
Multiple luminaires must be connected in series (home run or fixture chain)

<sup>(1)</sup> Luminaires must be connected on separate channels (1-4).

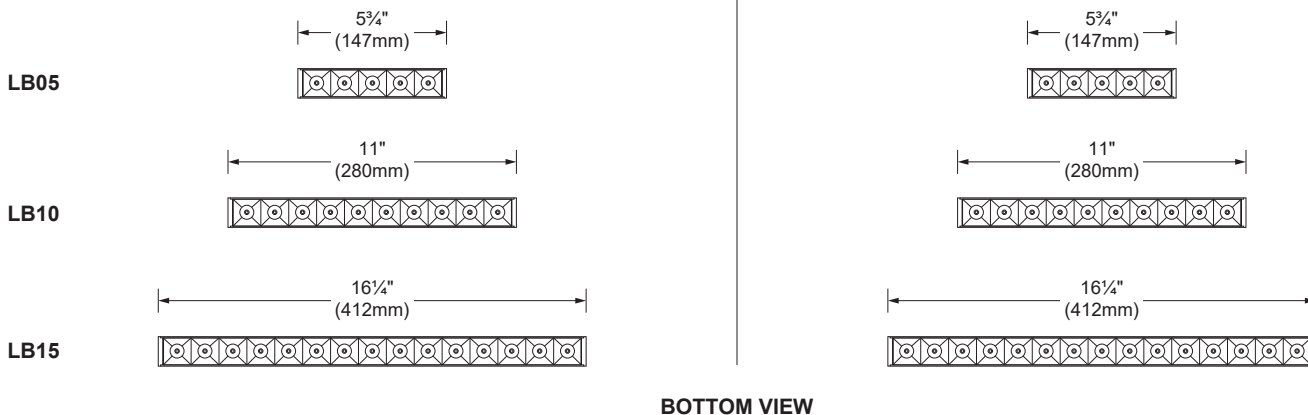
Multiple luminaires can be connected in series on a channel (home run or fixture chain). Do not exceed the wattage and voltage range on each channel.



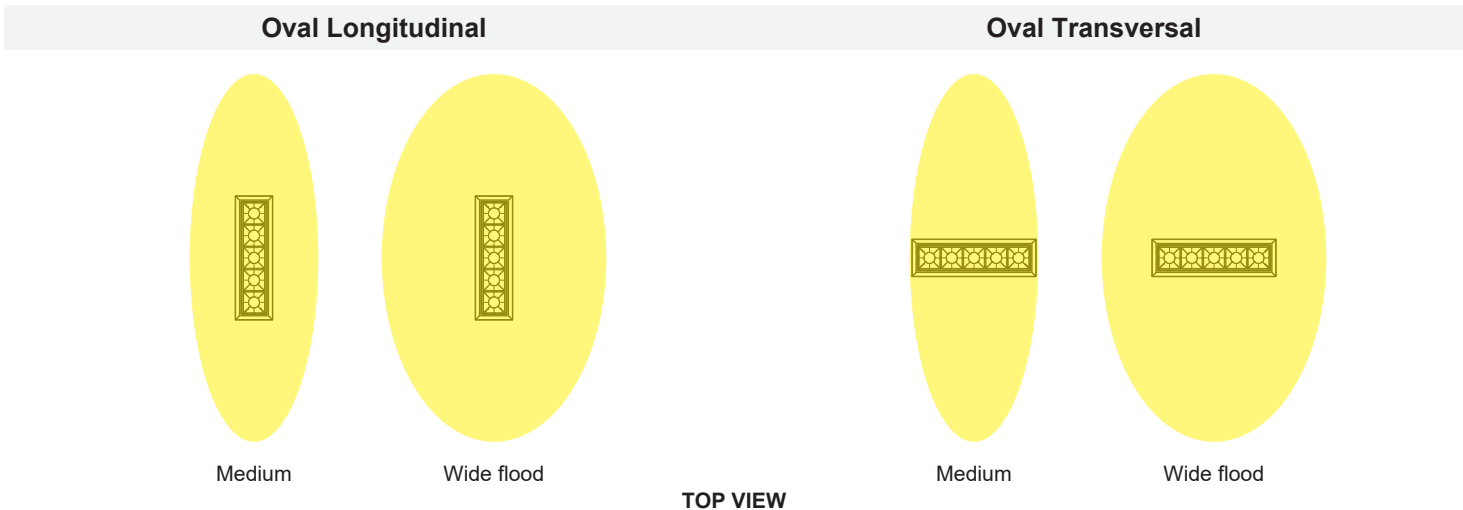
**DIMENSION AND CONFIGURATION**



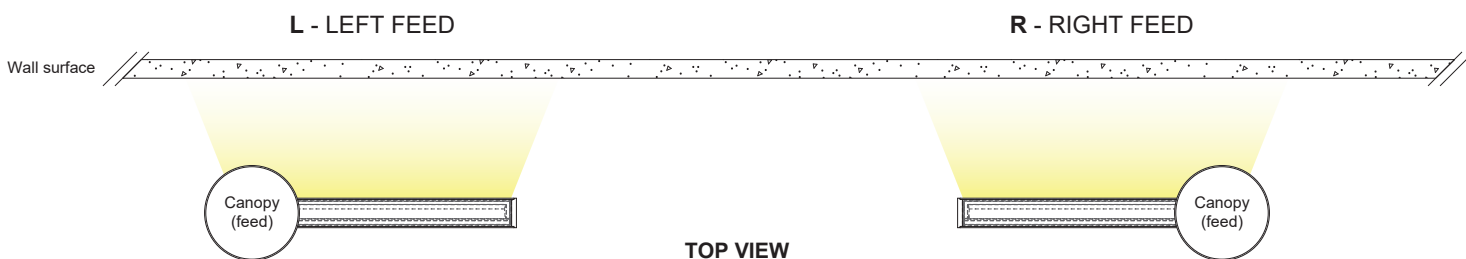
**F - Full configuration**




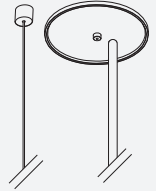
**OVAL BEAM DISTRIBUTION**



**WALL WASHER DIRECTION (FEED POSITION)**



**INSTALLATION OPTIONS (INCLUDED)**

<p><b>DEFAULT OPTION</b></p> <p>The aircraft cable suspension and power cable terminate at the canopy.</p> 	<p><b>ALTERNATE OPTION</b></p> <p>The aircraft cable suspension terminates in the ceiling while the power cable and the canopy cover can be located independently.</p> 
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**MOUNTING ACCESSORIES (TO BE ORDERED SEPARATELY)**

**3637** - Accessory for T-Bar Mounting (White) 1 Kit includes 2 anchors  
\*for installation consult the instruction sheet



Length	# of kits needed
Up to 8'	1
8' to 24'	2
25' to 40'	3
41' to 56'	4
57' to 72'	5
73' to 88'	6
89' to 96'	7

**PHOTOMETRIC DATA**

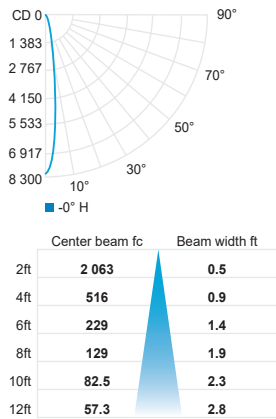
ILB05



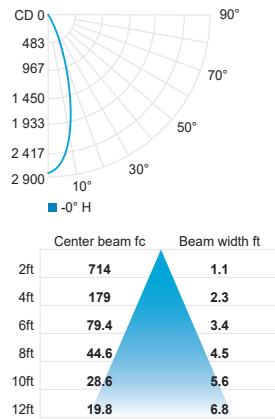
CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	9.8W	Spot 13°	861	87	8 250	ILB05-030-SP
			Flood 32°	851	86	2 857	ILB05-030-FL
			Wide flood 47°	851	86	1 628	ILB05-030-WF
			General light pro	788	80	1 122	ILB05-030-GP
			Medium oval longitudinal	767	78	1 281	ILB05-030-LM
			Medium oval transversal	746	76	1 221	ILB05-030-TM
			Wide flood oval longitudinal	756	77	722	ILB05-030-LW
Wide flood oval transversal	746	76	718	ILB05-030-TW			

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

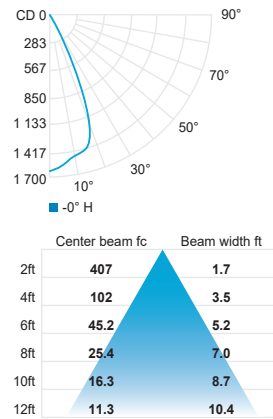
Spot 13° (3000K, 92CRI)



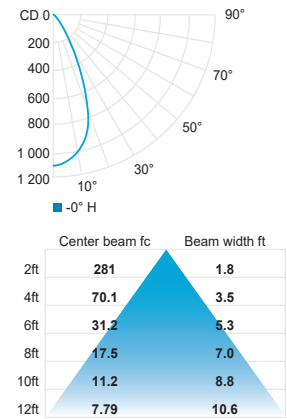
Flood 32° (3000K, 92CRI)



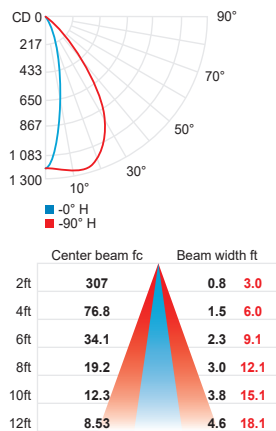
Wide flood 47° (3000K, 92CRI)



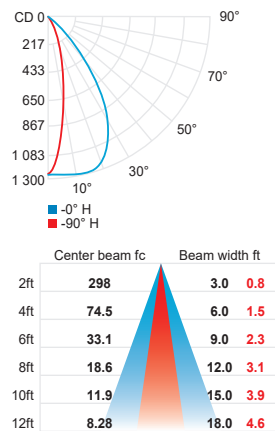
General light pro (3000K, 92CRI)



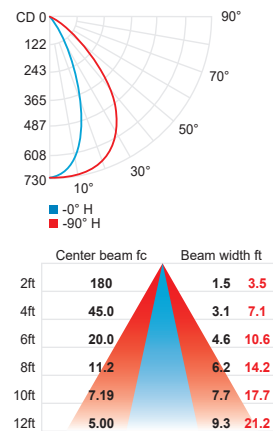
Medium oval long. (3000K, 92CRI)



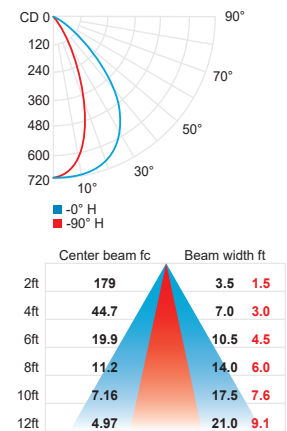
Medium oval tran. (3000K, 92CRI)



Wide flood oval long. (3000K, 92CRI)



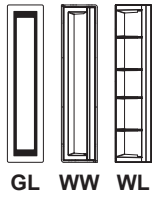
Wide flood oval tran. (3000K, 92CRI)



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**

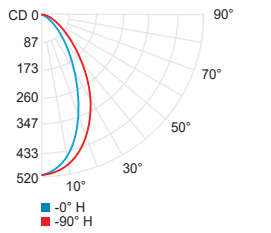
**LB05**



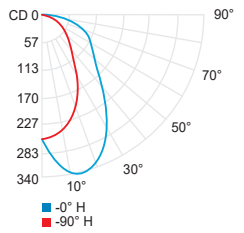
CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	9.8W	General light	620	63	511	LB05-030-GL
			Wall washer	420	44	338	LB05-030-WW
			Wall washer LGC (Longitudinal Glare Control)	336	35	325	LB05-030-WL

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

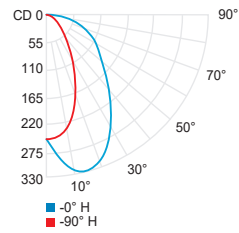
General light (3000K, 92CRI)



Wall washer (3000K, 92CRI)



Wall washer LGC (3000K, 92CRI)

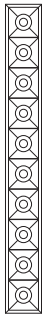


Center beam fc	Beam width ft		
2ft	128	2.0	2.9
4ft	31.9	4.0	5.7
6ft	14.2	6.0	8.6
8ft	7.98	8.0	11.4
10ft	5.11	10.0	14.3
12ft	3.55	12.0	17.2

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**

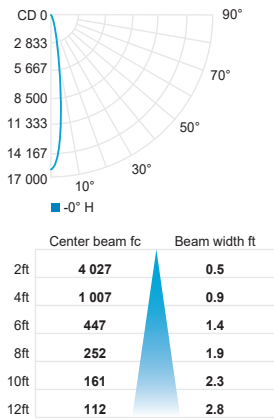
**ILB10**



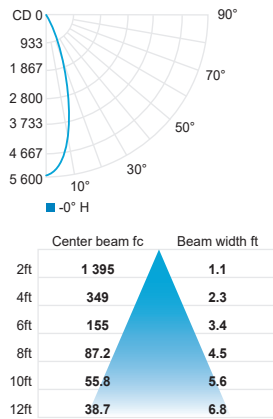
CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	20W	Spot 13°	1 681	84	16 108	ILB10-030-SP
			Flood 32°	1 661	83	5 578	ILB10-030-FL
			Wide flood 47°	1 661	83	3 179	ILB10-030-WF
			General light pro	1 538	76	2 191	ILB10-030-GP
			Wide flood oval longitudinal	1 476	73	1 410	ILB10-030-LW
			Wide flood oval transversal	1 456	72	1 402	ILB10-030-TW

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

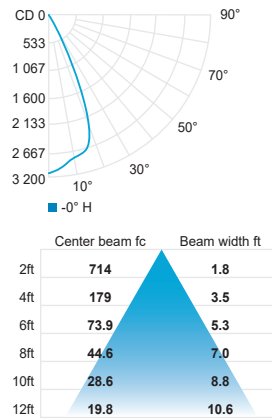
Spot 13° (3000K, 92CRI)



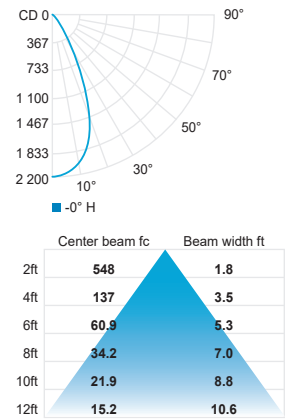
Flood 32° (3000K, 92CRI)



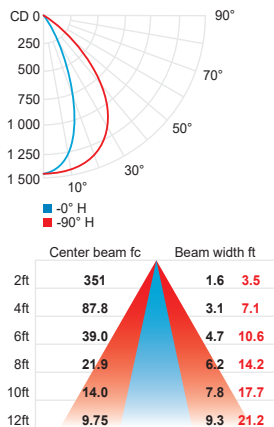
Wide flood 47° (3000K, 92CRI)



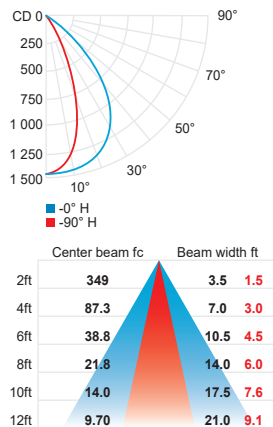
General light pro (3000K, 92CRI)



Wide flood oval long. (3000K, 92CRI)



Wide flood oval tran. (3000K, 92CRI)

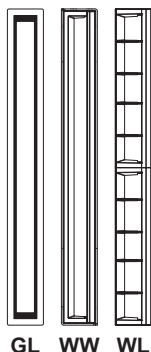


CCT options	2700K	3000K	3500K	4000K
CRI options	92CRI	92CRI	92CRI	92CRI
<b>Multiplier</b>	<b>0.95</b>	<b>1</b>	<b>1.05</b>	<b>1.10</b>



**PHOTOMETRIC DATA**

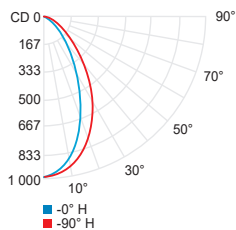
**LB10**



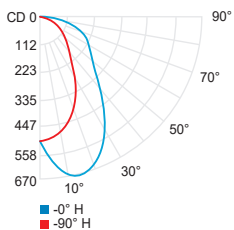
CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	20W	General light	1 210	60	999	LB10-030-GL
			Wall washer	820	41	661	LB10-030-WW
			Wall washer LGC (Longitudinal Glare Control)	656	32	636	LB10-030-WL

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

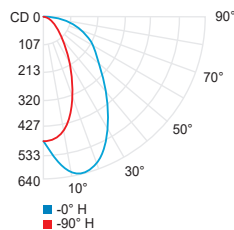
General light (3000K, 92CRI)



Wall washer (3000K, 92CRI)



Wall washer LGC (3000K, 92CRI)



Center beam fc	Beam width ft	
2ft	2.0	2.9
4ft	4.0	5.7
6ft	6.0	8.6
8ft	8.0	11.4
10ft	10.0	14.3
12ft	12.0	17.1

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**

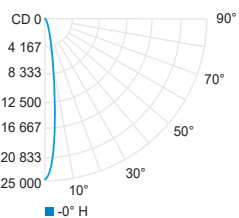
**ILB15**



CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	29W	Spot 13°	2 542	87	24 358	ILB15-030-SP
			Flood 32°	2 511	86	8 435	ILB15-030-FL
			Wide flood 47°	2 511	86	4 807	ILB15-030-WF
			General light pro	2 325	80	3 314	ILB15-030-GP

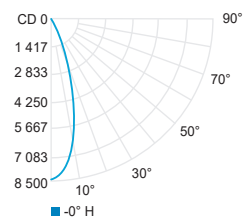
\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

Spot 13° (3000K, 92CRI)



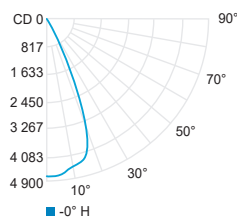
Center beam fc	Beam width ft
2ft	6 090
4ft	1 522
6ft	677
8ft	381
10ft	244
12ft	169

Flood 32° (3000K, 92CRI)



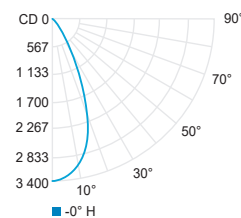
Center beam fc	Beam width ft
2ft	2 109
4ft	527
6ft	234
8ft	132
10ft	84.4
12ft	58.6

Wide flood 47° (3000K, 92CRI)



Center beam fc	Beam width ft
2ft	1 202
4ft	300
6ft	134
8ft	75.1
10ft	48.1
12ft	33.4

General light pro (3000K, 92CRI)

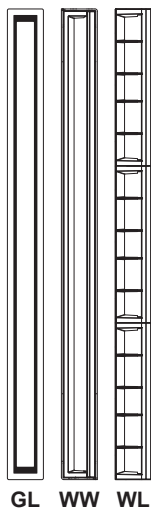


Center beam fc	Beam width ft
2ft	829
4ft	207
6ft	92.1
8ft	51.8
10ft	33.1
12ft	23.0

CCT options	2700K	3000K	3500K	4000K
CRI options	92CRI	92CRI	92CRI	92CRI
<b>Multiplier</b>	<b>0.95</b>	<b>1</b>	<b>1.03</b>	<b>1.08</b>

**PHOTOMETRIC DATA**

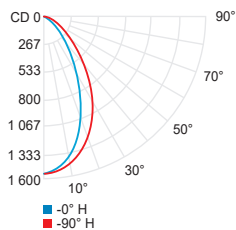
LB15



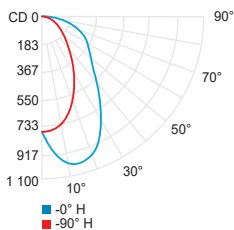
CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)*	MAX CANDELA (cd)	MODELS
3000K	92	29W	General light	1 829	63	1 511	LB15-030-GL
			Wall washer	1 240	42	1 001	LB15-030-WW
			Wall washer LGC (Longitudinal Glare Control)	992	34	961	LB15-030-WL

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

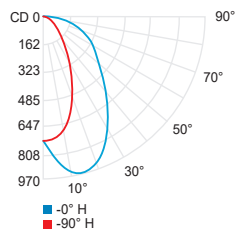
General light (3000K, 92CRI)



Wall washer (3000K, 92CRI)



Wall washer LGC (3000K, 92CRI)



Center beam fc	Beam width ft	
2ft	377	2.0 2.9
4ft	94.3	4.0 5.7
6ft	41.9	6.0 8.6
8ft	23.6	8.0 11.4
10ft	15.1	10.0 14.3
12ft	10.5	12.0 17.1

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>

**LED COLOR FIDELITY DATA**

CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
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