

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

Luminaire characteristics:

Power input: 12.6W to 36.6W per module
Lumens: 336lm to 2583lm per module (3000K, >92CRI)
Luminaire efficacy: Up to 70lm/W

Source:

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

Lumen maintenance:

80% of initial lumens at 50 000 hours (L80) (LM-79).

Optics:

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.

Material:

Profile: Extruded aluminum,
 Body and end caps: Die-cast aluminum,
 Cover plate: Extruded aluminum,
 Canopy: Die-cast aluminum,
 Baffles and reflector: Thermoplastic,
 Wall washer diffuser: PMMA ribbed acrylic.

Mounting:

Surface mounted using anchoring screws.
 Installs onto a standard 4" octagonal junction box.
 Supplied with white painted square canopy.

Electrical:

Integral high efficiency LED driver, rated at 50 000 hours, 120-277V.

Dimming:

0-10V (120-277V) or Lutron Hi-lume® 1% EcoSystem™ (120-277V), down to 1%.
 Leading edge (TRIAC) and trailing edge (ELV) (120V only), down to 15%.

Finish:

Powder coated profile, cover plates and white canopy (page 2).

Weight:

Max: 2.38lbs/ft (1.08kg/ft)

Warranty:

5 year limited warranty.

Ratings:

IP20

Certification:



cULus listed for damp location. Interior use only.

ORDERING INFO

- - - - -
FIXTURE

MODEL

☐ **3654** - High profile - 4 3/8" (116mm) ☐ **3664** - Compact profile - 3 1/2" (89mm)

LENGTH

The luminaire row must be ordered by 4' increments.

CONFIGURATION

☐ **A1*** - 48" spacing ☐ **A2** - 24" spacing

LASER BLADE MODEL

☐ **LB05** - 5 Cells⁽¹⁾ ☐ **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⁽²⁾

☐ **TM** - Medium oval transversal⁽²⁾ ☐ **LW** - Wide flood oval longitudinal⁽³⁾ ☐ **TW** - Wide flood oval transversal⁽³⁾ ☐ **GL** - General light ☐ **WW** - Wall washer

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

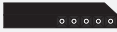
WALL WASHER DIRECTION (FEED POSITION)

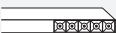
☐ **L** - Left feed ☐ **R** - Right feed ☐ **N** - Not applicable

VOLTAGE

☐ **UNV** - 120-277V ☐ **120** - 120V

FINISH (profile finish / cover plate finish / baffle finish)

☐ **22** - Gray / black / black  ☐ **21** - White / black / black  ☐ **02** - Black / black / black 

☐ **10** - Gray / gray / black  ☐ **01** - White / white / black  ☐ **31** - White / white / white⁽⁴⁾ 

DIMMING

☐ **D01** - 0-10V (down to 1%)⁽⁵⁾ ☐ **LTE** - Leading edge and trailing edge (120V only) (down to 15%) ☐ **D2B** - Lutron Hi-lume® 1% EcoSystem™, (down to 1%)⁽⁵⁾

* 92CRI typical, minimum 90CRI.
⁽¹⁾ Available with 24" spacing (**A2**) configuration.
⁽²⁾ Available with five (**LB05**) model.
⁽³⁾ Available with five (**LB05**) and ten (**LB10**) laser blade models.
⁽⁴⁾ Available for downlight (**SP, FL, LM, TM, LW, TW, WF, GP**) optics.
⁽⁵⁾ Available with 120-277V (**UNV**) voltage.

DIMENSION AND CONFIGURATION



INLINE UNIT CONFIGURATION WITH LASER BLADE 5 CELLS (LB05)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
A2	08' - 6.5W/ft	24" (610mm)	94 3/4" (2405mm)
A2	04' - 6.5W/ft	24" (610mm)	5 1/4" (132mm)
A1	08' - 3.25W/ft	48" (1219mm)	48" (1219mm)
A1	04' - 3.25W/ft	48" (1219mm)	46 3/4" (1186mm)

INLINE UNIT CONFIGURATION WITH LASER BLADE 10 CELLS (LB10)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
A1	08' - 6.25W/ft	48" (1219mm)	48" (1219mm)
A1	04' - 6.25W/ft	48" (1219mm)	10 1/2" (265mm)

INLINE UNIT CONFIGURATION WITH LASER BLADE 15 CELLS (LB15)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
A1	08' - 9.25W/ft	48" (1219mm)	48" (1219mm)
A1	04' - 9.25W/ft	48" (1219mm)	15 5/8" (396mm)

CONTINUOUS ROW EXAMPLE

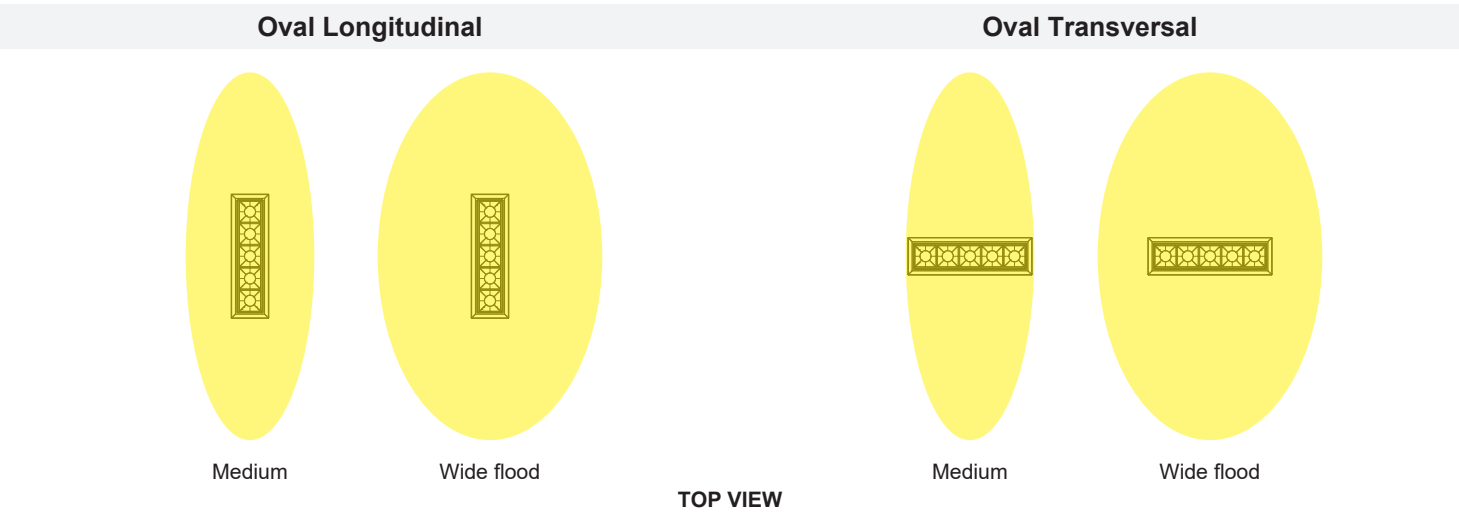
Inline units can be combined to obtain a linear continuous row.

Config.	Nominal length	Luminaire spacing	
A1	12'	48" (1219mm)	8' 4'

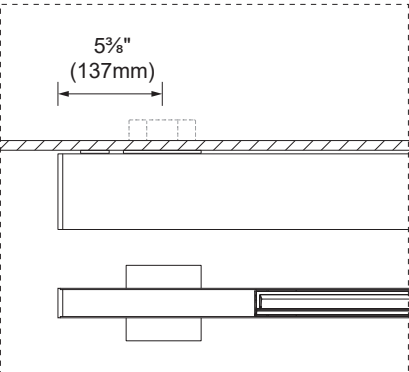
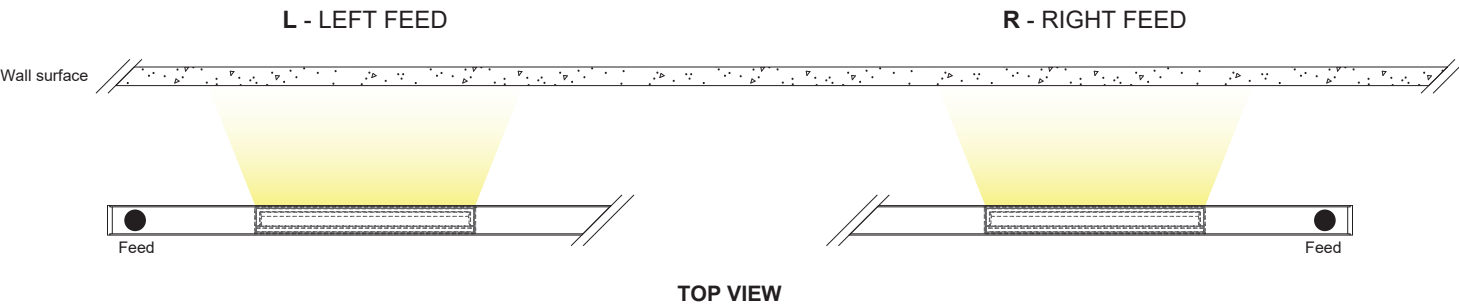
LED COLOR FIDELITY DATA

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

OVAL BEAM DISTRIBUTION



WALL WASHER DIRECTION (FEED POSITION)



Feed is typically positionned at 5 1/8" (137mm) from the start.

PHOTOMETRIC DATA

ILB05

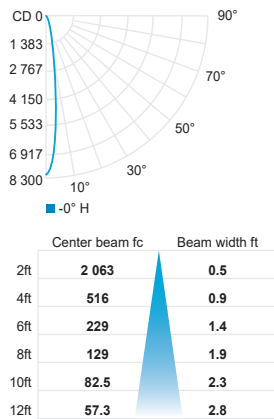


*Photometric data for one laser blade module

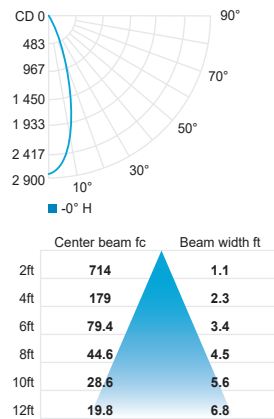
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	12.6W	Spot 13°	861	68	8 250	ILB05-030-SP
			Flood 32°	851	67	2 857	ILB05-030-FL
			Wide flood 47°	851	67	1 628	ILB05-030-WF
			General light pro	788	62	1 122	ILB05-030-GP
			Medium oval longitudinal	767	60	1 281	ILB05-030-LM
			Medium oval transversal	746	59	1 221	ILB05-030-TM
			Wide flood oval longitudinal	756	60	722	ILB05-030-LW
			Wide flood oval transversal	746	59	718	ILB05-030-TW

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

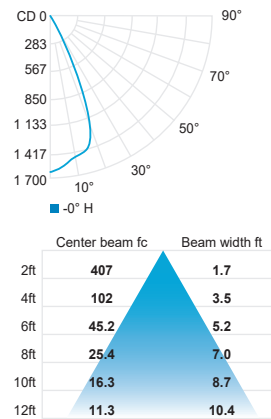
Spot 13° (3000K, 92CRI)



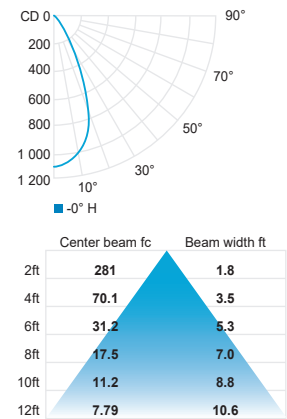
Flood 32° (3000K, 92CRI)



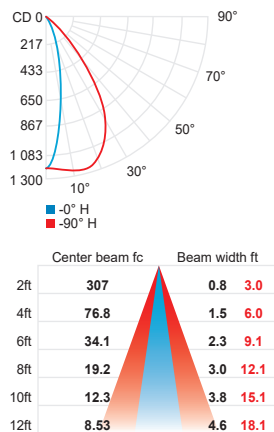
Wide flood 47° (3000K, 92CRI)



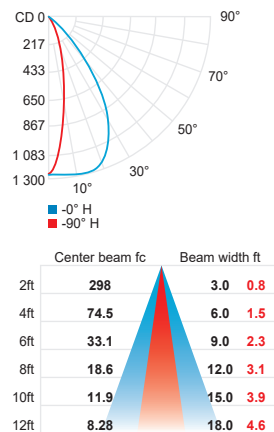
General light pro (3000K, 92CRI)



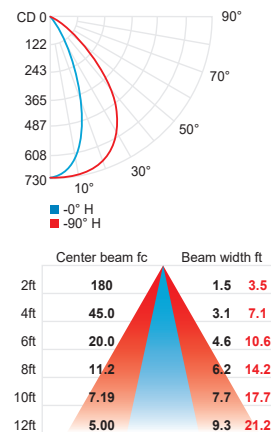
Medium oval long. (3000K, 92CRI)



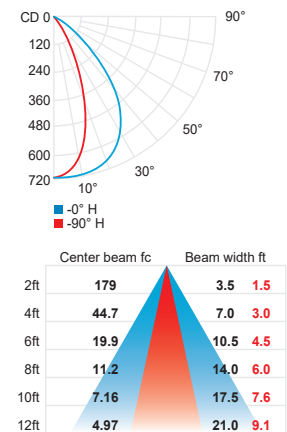
Medium oval tran. (3000K, 92CRI)



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



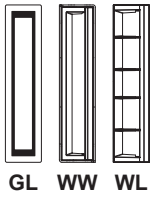
Wide flood oval tran. (3000K, 92CRI)



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

PHOTOMETRIC DATA

LB05

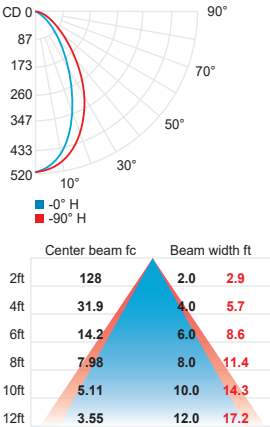


*Photometric data for one laser blade module

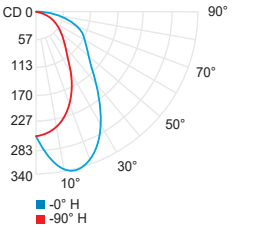
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	12.6W	General light	620	49	511	LB05-030-GL
			Wall washer	420	22	338	LB05-030-WW
			Wall washer LGC (Longitudinal Glare Control)	336	26	325	LB05-030-WL

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit sistimalux.com for complete photometric data.

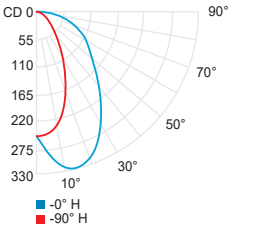
General light (3000K, 92CRI)



Wall washer (3000K, 92CRI)



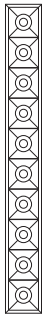
Wall washer LGC (3000K, 92CRI)



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

PHOTOMETRIC DATA

ILB10

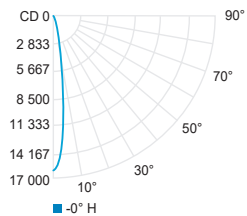


*Photometric data for one laser blade module

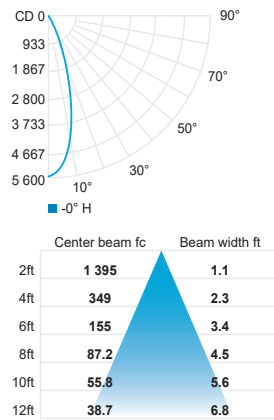
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	24.7W	Spot 13°	1 681	68	16 108	ILB10-030-SP
			Flood 32°	1 661	67	5 578	ILB10-030-FL
			Wide flood 47°	1 661	67	3 179	ILB10-030-WF
			General light pro	1 538	62	2 191	ILB10-030-GP
			Wide flood oval longitudinal	1 476	59	1 410	ILB10-030-LW
			Wide flood oval transversal	1 456	58	1 402	ILB10-030-TW

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

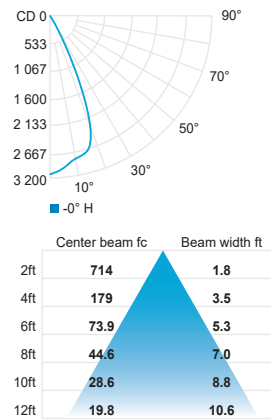
Spot 13° (3000K, 92CRI)



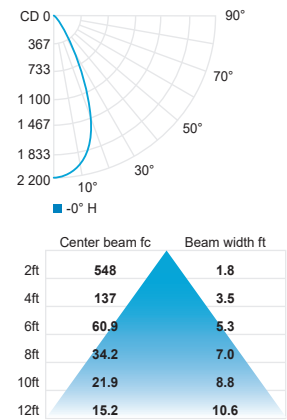
Flood 32° (3000K, 92CRI)



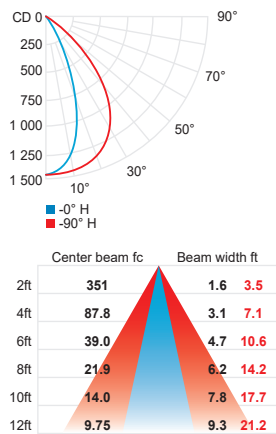
Wide flood 47° (3000K, 92CRI)



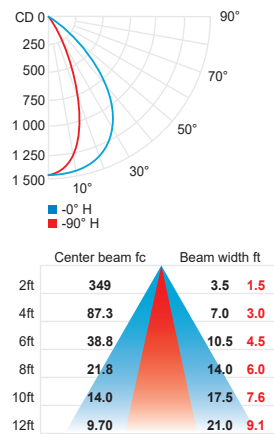
General light pro (3000K, 92CRI)



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



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



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

PHOTOMETRIC DATA

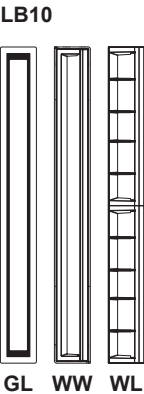


Table with 8 columns: CCT (K), CRI, LOAD (W), OPTIC, LUMENS (lm), EFFICACY (lm / W), MAX CANDELA (cd), and MODELS. It lists three optic configurations: General light, Wall washer, and Wall washer LGC, with their respective photometric data.

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit sistemalux.com for complete photometric data.

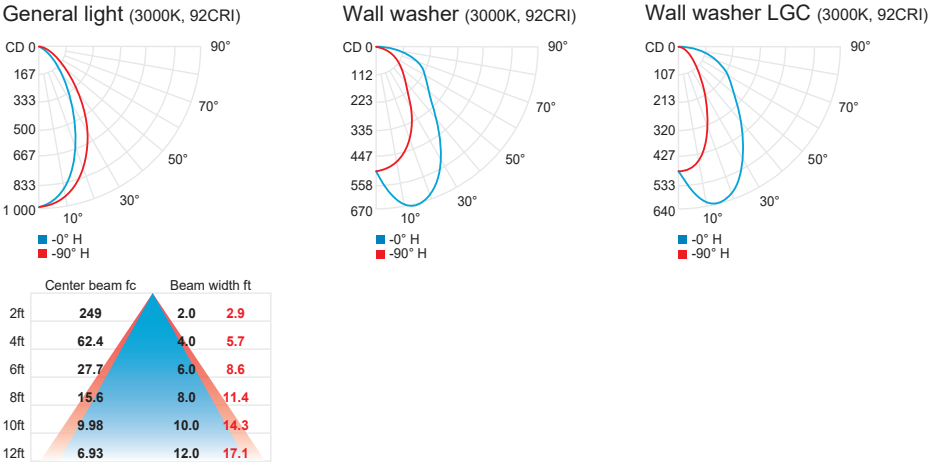


Table with 5 columns: CCT options, CRI options, and Multiplier. It provides the multiplier values for different CCT and CRI options: 2700K, 3000K, 3500K, 4000K, 92CRI, and 1.05.

PHOTOMETRIC DATA

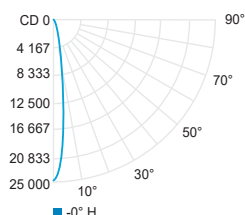
LB15

*Photometric data for one laser blade module

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	36.6W	Spot 13°	2 583	70	24 751	LB15-030-SP
			Flood 32°	2 552	69	8 571	LB15-030-FL
			Wide flood 47°	2 552	69	4 885	LB15-030-WF
			General light pro	2 363	64	3 367	LB15-030-GP

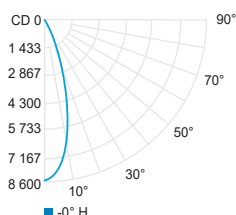
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Spot 13° (3000K, 92CRI)



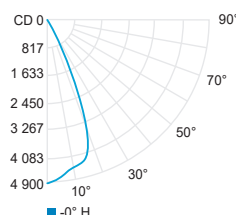
	Center beam fc	Beam width ft
2ft	6 188	0.5
4ft	1 547	0.9
6ft	688	1.4
8ft	387	1.9
10ft	248	2.3
12ft	172	2.8

Flood 32° (3000K, 92CRI)



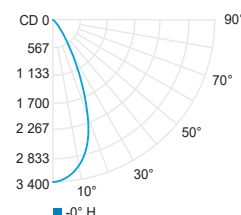
	Center beam fc	Beam width ft
2ft	2 143	1.1
4ft	536	2.3
6ft	238	3.4
8ft	134	4.5
10ft	85.7	5.6
12ft	59.5	6.8

Wide flood 47° (3000K, 92CRI)



	Center beam fc	Beam width ft
2ft	1 221	1.7
4ft	305	3.5
6ft	136	5.2
8ft	76.3	7.0
10ft	48.9	8.7
12ft	33.9	10.4

General light pro (3000K, 92CRI)



	Center beam fc	Beam width ft
2ft	842	1.8
4ft	210	3.5
6ft	93.5	5.3
8ft	52.6	7.0
10ft	33.7	8.8
12ft	23.4	10.6

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

PHOTOMETRIC DATA

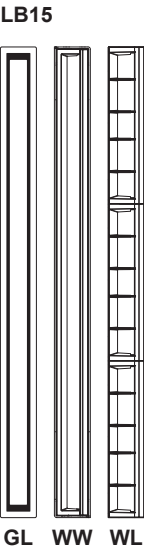


Table with 8 columns: CCT (K), CRI, LOAD (W), OPTIC, LUMENS (lm), EFFICACY (lm / W), MAX CANDELA (cd), and MODELS. It lists three optic configurations: General light, Wall washer, and Wall washer LGC, all at 3000K CCT and 92 CRI.

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit sistemalux.com for complete photometric data.

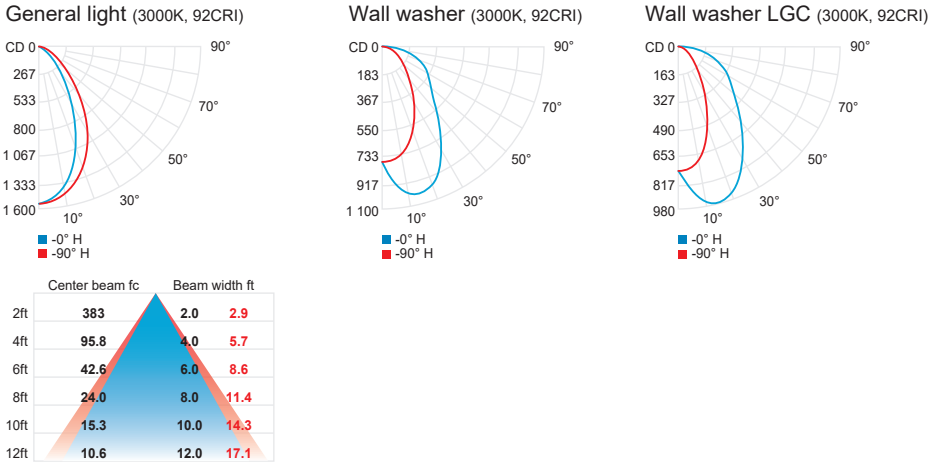


Table with 5 columns: CCT options, CRI options, and Multiplier. It provides conversion factors for CCT (2700K, 3000K, 3500K, 4000K) and CRI (92CRI) to the base specification values.