

LINEAR LASER BLADE

PENDANT - SOLO UNIT

Type:

Project:

SPECIFICATION SHEET

Page: 1 of 11

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: 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.
 Uplight: General light

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: Supplied with 5' (1500mm) long suspension aircraft cable (field adjustable) and white canopy. To be installed on a standard 4" octagonal junction box.

Electrical: Integral high efficiency LED driver, rated at 50 000 hours, 120-277V. Supplied standard with one circuit. Two circuits available upon request with additional canopy.

Dimming: 0-10V (120-277V), Lutron Hi-lume® 1% EcoSystem™ (120-277V) or Lutron Hi Lume® 1% 2-wire leading edge (TRIAC) (120V only), 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 11).

Weight: Max: 22.6lbs (10.25kg)

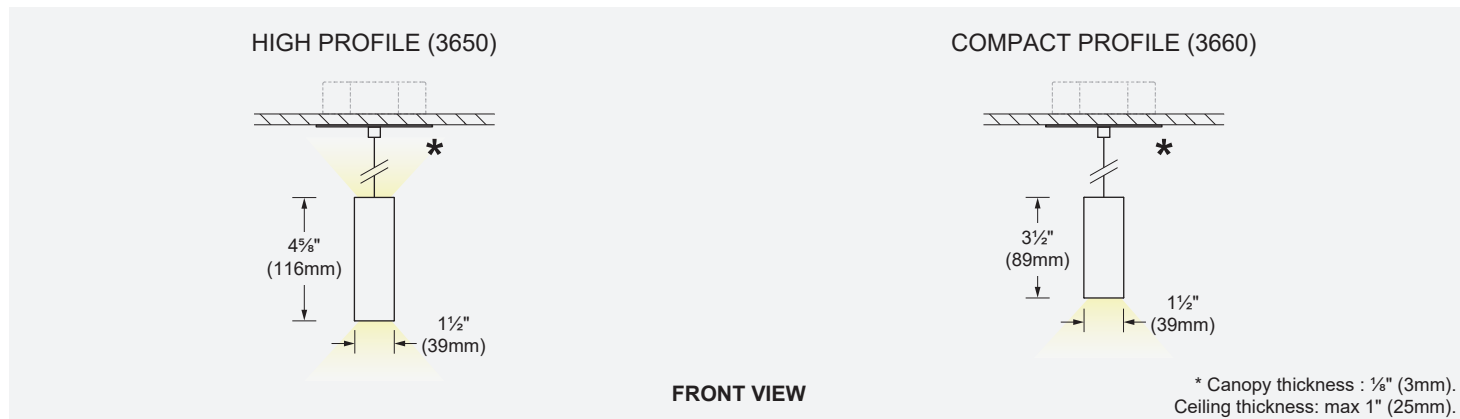
Warranty: 5 year limited warranty.

Ratings: IP20

Certification:  cULus listed for damp location. Interior use only.



DIMENSION AND CONFIGURATION



See instruction sheet for anchor points layout

SOLO UNIT CONFIGURATION WITH LASER BLADE 5 CELLS (LB05)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
C5	8' - 65W	23" (584mm)	97 3/4" (2484mm) 5 1/4" (132mm)
C4	8' - 52W	31" (779mm)	
C3	8' - 39W	46" (1169mm)	
C2	8' - 26W	92" (2337mm)	
C2	4' - 26W	44" (1118mm)	49 3/4" (1265mm)

SOLO UNIT CONFIGURATION WITH LASER BLADE 10 CELLS (LB10)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
C4	8' - 100W	29" (735mm)	10 1/2" (265mm)
C3	8' - 75W	43" (1103mm)	
C2	8' - 50W	87" (2205mm)	
C2	4' - 50W	39" (986mm)	

SOLO UNIT CONFIGURATION WITH LASER BLADE 15 CELLS (LB15)

Downlight, general light or wall washer

Config.	Nominal length	Luminaire spacing	
C3	8' - 111W	41" (1037mm)	15 5/8" (396mm)
C2	8' - 74W	82" (2073mm)	
C2	4' - 74W	34" (854mm)	

PHOTOMETRIC DATA

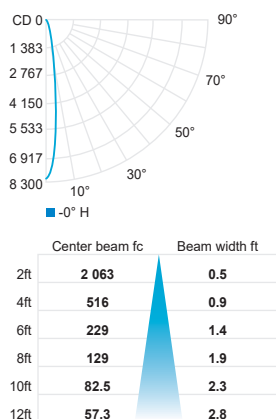
ILB05

*Photometric data for one laser blade module

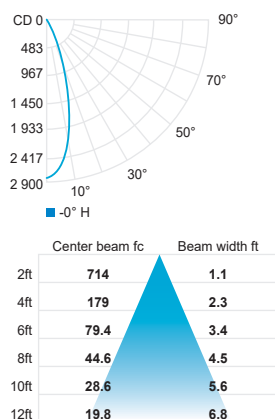
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	12.6W	Spot 13°	861	68	8 250	ILB05-030-SP
			Flood 32°	851	67	2 857	ILB05-030-FL
			Wide flood 47°	851	67	1 628	ILB05-030-WF
			General light pro	788	62	1 122	ILB05-030-GP
			Medium oval longitudinal	767	60	1 281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

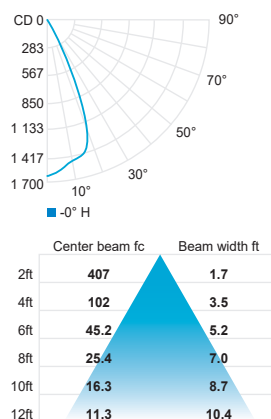
Spot 13° (3000K, 92CRI)



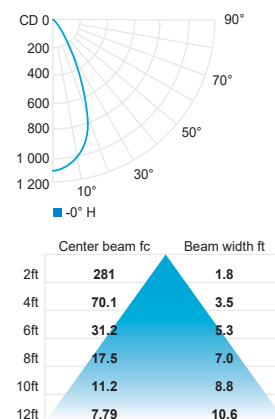
Flood 32° (3000K, 92CRI)



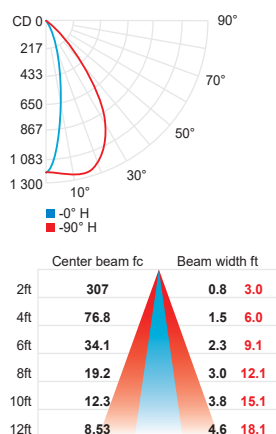
Wide flood 47° (3000K, 92CRI)



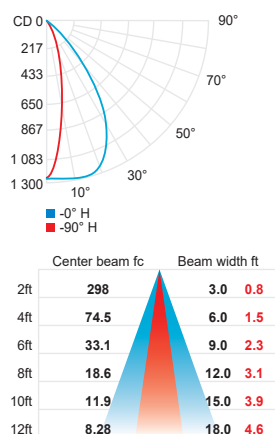
General light pro (3000K, 92CRI)



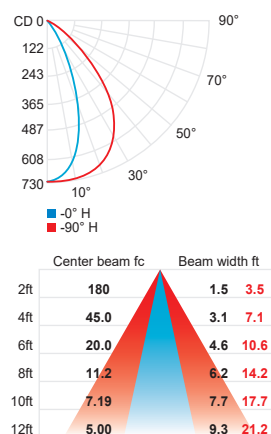
Medium oval long. (3000K, 92CRI)



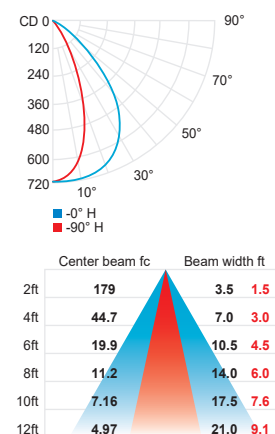
Medium oval tran. (3000K, 92CRI)



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



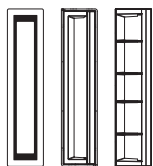
Wide flood oval tran. (3000K, 92CRI)



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

PHOTOMETRIC DATA

LB05



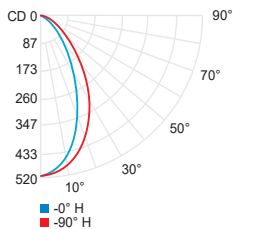
GL WW WL

*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

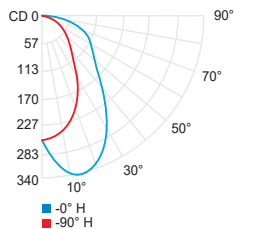
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit sistimalux.com for complete photometric data.

General light (3000K, 92CRI)



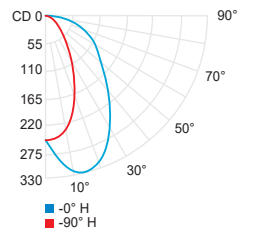
Center beam fc	Beam width ft
2ft 128	2.0 2.9
4ft 31.9	4.0 5.7
6ft 14.2	6.0 8.6
8ft 7.98	8.0 11.4
10ft 5.11	10.0 14.3
12ft 3.55	12.0 17.2

Wall washer (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

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
Multiplier	0.95	1	1.05	1.10

PHOTOMETRIC DATA

ILB10

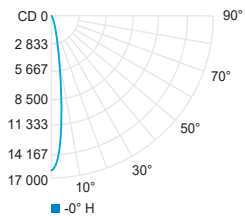


*Photometric data for one laser blade module

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

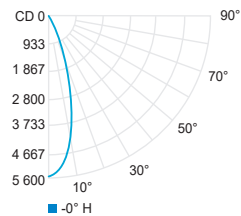
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Spot 13° (3000K, 92CRI)



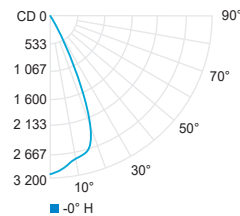
Center beam fc	Beam width ft
2ft 4 027	0.5
4ft 1 007	0.9
6ft 447	1.4
8ft 252	1.9
10ft 161	2.3
12ft 112	2.8

Flood 32° (3000K, 92CRI)



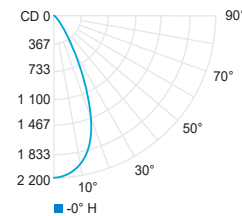
Center beam fc	Beam width ft
2ft 1 395	1.1
4ft 349	2.3
6ft 155	3.4
8ft 87.2	4.5
10ft 55.8	5.6
12ft 38.7	6.8

Wide flood 47° (3000K, 92CRI)



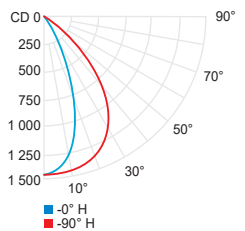
Center beam fc	Beam width ft
2ft 714	1.8
4ft 179	3.5
6ft 73.9	5.3
8ft 44.6	7.0
10ft 28.6	8.8
12ft 19.8	10.6

General light pro (3000K, 92CRI)



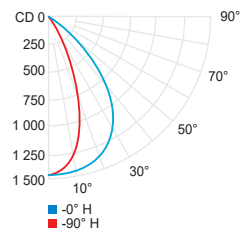
Center beam fc	Beam width ft
2ft 548	1.8
4ft 137	3.5
6ft 60.9	5.3
8ft 34.2	7.0
10ft 21.9	8.8
12ft 15.2	10.6

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



Center beam fc	Beam width ft
2ft 351	1.6 3.5
4ft 87.8	3.1 7.1
6ft 39.0	4.7 10.6
8ft 21.9	6.2 14.2
10ft 14.0	7.8 17.7
12ft 9.75	9.3 21.2

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

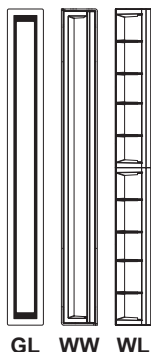


Center beam fc	Beam width ft
2ft 349	3.5 1.5
4ft 87.3	7.0 3.0
6ft 38.8	10.5 4.5
8ft 21.8	14.0 6.0
10ft 14.0	17.5 7.6
12ft 9.70	21.0 9.1

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

PHOTOMETRIC DATA

LB10

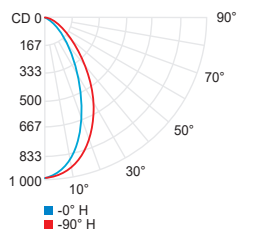


*Photometric data for one laser blade module

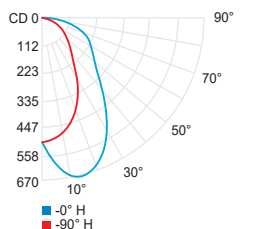
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	24.7W	General light	1 210	48	999	LB10-030-GL
			Wall washer	820	33	661	LB10-030-WW
			Wall washer LGC (Longitudinal Glare Control)	656	26	636	LB10-030-WL

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.

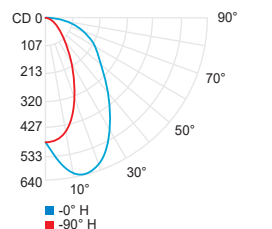
General light (3000K, 92CRI)



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

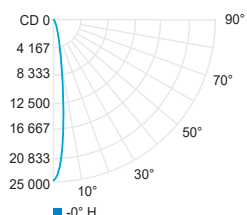
LB15

*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

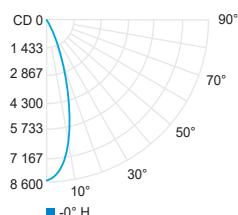
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Spot 13° (3000K, 92CRI)



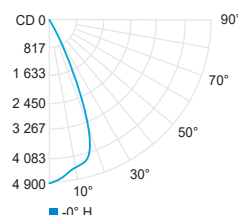
Center beam fc	Beam width ft
2ft 6 188	0.5
4ft 1 547	0.9
6ft 688	1.4
8ft 387	1.9
10ft 248	2.3
12ft 172	2.8

Flood 32° (3000K, 92CRI)



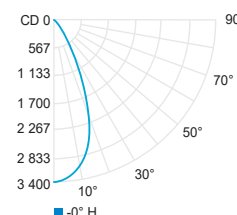
Center beam fc	Beam width ft
2ft 2 143	1.1
4ft 536	2.3
6ft 238	3.4
8ft 134	4.5
10ft 85.7	5.6
12ft 59.5	6.8

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)

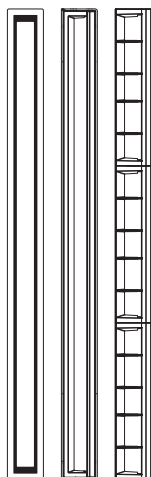


Center beam fc	Beam width ft
2ft 842	1.8
4ft 210	3.5
6ft 93.5	5.3
8ft 52.6	7.0
10ft 33.7	8.8
12ft 23.4	10.6

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

PHOTOMETRIC DATA

LB15

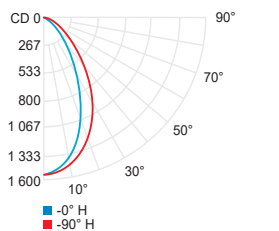


GL WW WL

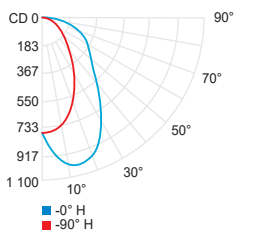
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	92	36.6W	General light	1 859	50	1 536	LB15-030-GL
			Wall washer	1 260	34	1 017	LB15-030-WW
			Wall washer LGC (Longitudinal Glare Control)	1 008	27	977	LB15-030-WL

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.

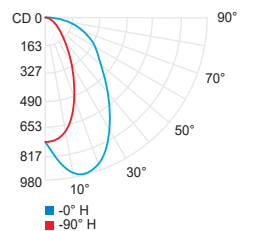
General light (3000K, 92CRI)



Wall washer (3000K, 92CRI)



Wall washer LGC (3000K, 92CRI)



	Center beam fc	Beam width ft
2ft	383	2.0 2.9
4ft	95.8	4.0 5.7
6ft	42.6	6.0 8.6
8ft	24.0	8.0 11.4
10ft	15.3	10.0 14.3
12ft	10.6	12.0 17.1

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

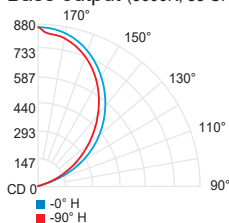
PHOTOMETRIC DATA FOR UPLIGHT GENERAL LIGHT

INDIRECT OUTPUT (for High profile only)

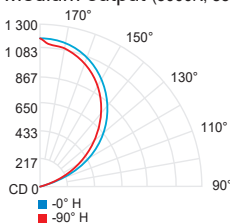
CCT (K)	CRI	OUTPUT	LOAD (W / ft)	OPTIC	LUMENS (lm/ft)	EFFICACY (lm / W)	MODELS
3000K	85	BO	5W	General light	510	102	3650-04BO
		MO	7.5W	General light	710	94	3650-04MO
		HO	10.5W	General light	935	89	3650-04HO

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.

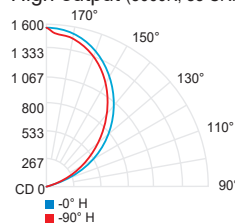
Base output (3000K, 85 CRI)



Medium output (3000K, 85 CRI)



High output (3000K, 85 CRI)



CCT options	3000K	3500K	4000K
CRI options	85CRI	85CRI	85CRI
Multiplier	1	1.09	1.19

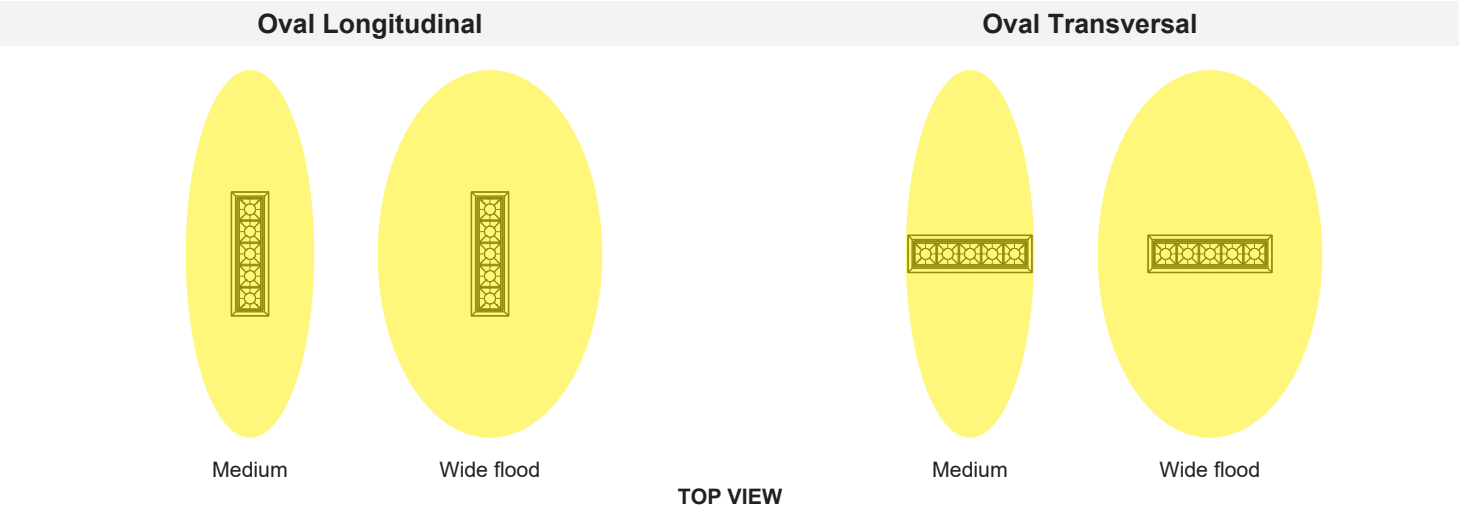
LED COLOR FIDELITY DATA FOR DOWNLIGHT - LASER BLADE

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

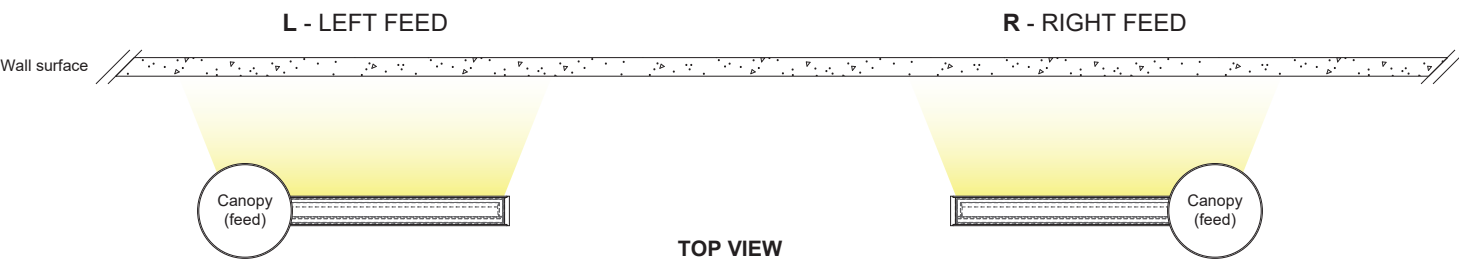
LED COLOR FIDELITY DATA FOR UPLIGHT - GENERAL LIGHT

CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
2700K	81	92	94	80	82	92	81	56	6	83	81	80	84	98	73	85	96	0.469
3000K	80	88	95	82	80	84	85	62	10	72	82	67	82	97	73	83	99	0.478
3500K	82	89	95	84	83	86	86	65	13	75	85	71	84	97	75	85	99	0.578
4000K	84	90	94	85	85	87	87	69	21	77	85	70	86	97	79	86	98	0.689

OVAL BEAM DISTRIBUTION



WALL WASHER DIRECTION (FEED POSITION)



INSTALLATION OPTIONS (INCLUDED)

DEFAULT OPTION

The aircraft cable suspension and power cable terminate at the canopy.

ALTERNATE OPTION

The aircraft cable suspension terminates in the ceiling while the power cable and the canopy cover can be located independently.

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

ORDERING INFO

- - - - -
FIXTURE



MODEL

- ☐ **3650** - High profile - 4%" (116mm) ☐ **3660** - Compact profile - 3½" (89mm)

LENGTH

- ☐ **04** - 4' Long ☐ **08** - 8' Long

INDIRECT OUTPUT (for high profile only)

- ☐ **NO** - None ☐ **BO** - Base output ☐ **MO** - Medium output ☐ **HO** - High output

CONFIGURATION

- ☐ **C2** - 2 modules ☐ **C3** - 3 modules⁽¹⁾ ☐ **C4** - 4 modules⁽¹⁾ ☐ **C5** - 5 modules⁽¹⁾

LASER BLADE MODEL

- ☐ **LB05** - 5 Cells ☐ **LB10** - 10 Cells⁽²⁾ ☐ **LB15** - 15 Cells⁽³⁾

LED

- ☐ **027** - 2700K, 92CRI* ⁽⁴⁾ ☐ **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⁽⁶⁾
☐ **TM** - Medium oval transversal⁽⁵⁾ ☐ **LW** - Wide flood oval longitudinal⁽⁶⁾ ☐ **TW** - Wide flood oval transversal⁽⁶⁾ ☐ **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⁽⁷⁾ 

DIMMING

- ☐ **D01** - 0-10V (down to 1%)⁽⁸⁾ ☐ **LTE** - Leading edge and trailing edge (120V only) (down to 15%) ☐ **D2B** - Lutron Hi-lume® 1% EcoSystem™, (down to 1%)⁽⁸⁾
☐ **D3** - Lutron Hi-lume® 1% 2-wire leading edge (120V only) (down to 1%)

* 92CRI typical, minimum 90CRI.

⁽¹⁾ Available for 8' long (**08**) length.

⁽²⁾ Available with 2 (**C2**), 3 (**C3**) or 4 (**C4**) modules configurations.

⁽³⁾ Available with 2 (**C2**) or 3 (**C3**) modules configurations.

⁽⁴⁾ Available with compact profile (**3660**) model. Also available for high profile (**3650**) model with no indirect output (**NO**).

⁽⁵⁾ Available with five (**LB05**) model.

⁽⁶⁾ Available with five (**LB05**) and ten (**LB10**) laser blade models.

⁽⁷⁾ Available for downlight (**SP**, **FL**, **LM**, **TW**, **WF**, **GP**) optics.

⁽⁸⁾ Available with 120-277V (**UNV**) voltage.