

LINEAR LASER BLADE

PENDANT - INLINE SYSTEM

Type:

Project:

SPECIFICATION SHEET

Page: 1 of 6

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: 13 to 37W per module
Lumens: 350 to 2200lm per module (3000K, 90CRI)
Luminaire efficacy: Up to 60lm/W

source:	White LED (LM-80 tested) 2700K : 95CRI 3000K : 90CRI or 95CRI 3500K : 95CRI 4000K : 95CRI
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80) (LM-79 tested).

optics:	Spot, Flood, Wide Flood or Wall Washer.
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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.
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Mounting:	Supplied with 5' (1500mm) long suspension aircraft cable (field adjustable) and white canopy. To be installed on a standard 4" junction box.
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Electrical:	Integral high efficiency electronic power supply, rated 50 000 hours, 120-277V.
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Dimming:	0-10V down to 15%, 0-10V down to 1%, Leading and trailing edge down to 15%, Lutron Hi-lume 1%
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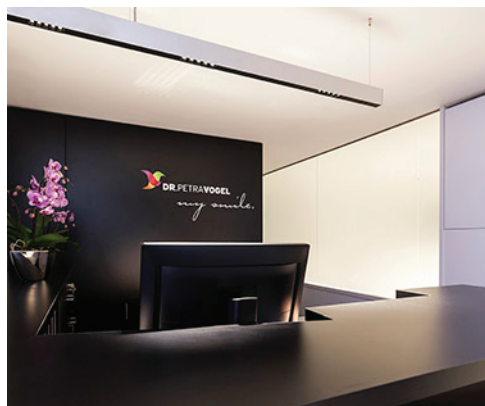
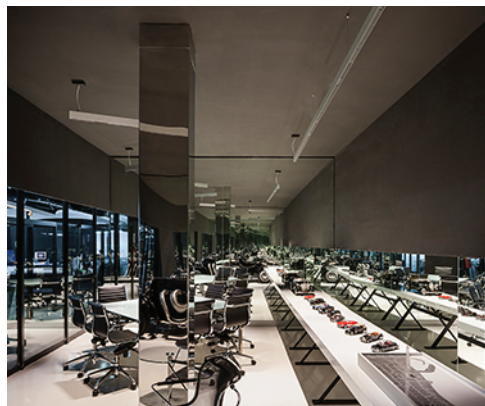
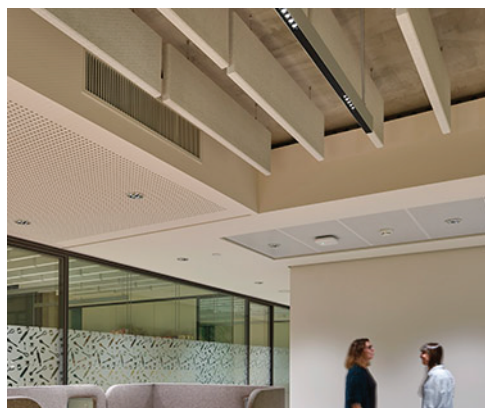
Finish:	Powder coated profile, cover plates and white canopy. Baffle supplied in black color finish. See page 6 for details.
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Weight:	TBC
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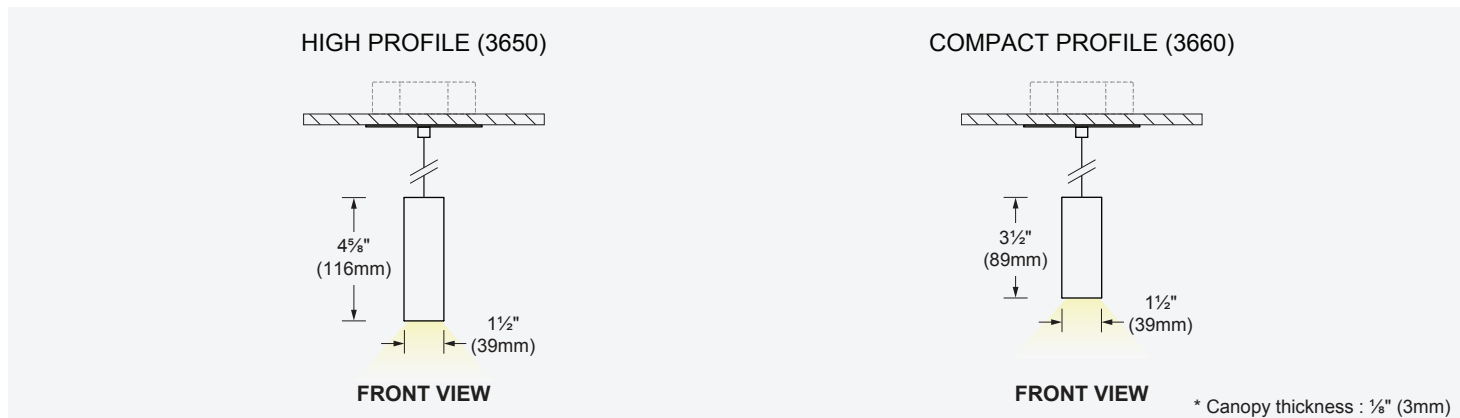
Warranty:	5 year limited warranty.
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Ratings:	IP20
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Certification:	cULus listed for damp location
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DIMENSION AND CONFIGURATION



See annexe for anchor points layout

CONFIGURATION WITH LASER BLADE 5 (LB05) Downlight or Wall Washer

Config.	Nominal length	Nominal luminaire spacing	
A2	08' - 6.5W/ft	24" (600mm)	
A2	04' - 6.5W/ft	24" (600mm)	
A1	08' - 3.25W/ft	48" (1200mm)	
A1	04' - 3.25W/ft	48" (1200mm)	

CONFIGURATION WITH LASER BLADE 10 (LB10) Downlight or Wall Washer

Config.	Nominal length	Nominal luminaire spacing	
A1	08' - 6.5W/ft	48" (1200mm)	
A1	04' - 6.5W/ft	48" (1200mm)	

CONFIGURATION WITH LASER BLADE 15 (LB15) Downlight or Wall Washer

Config.	Nominal length	Nominal luminaire spacing	
A1	08' - 9.25W/ft	48" (1200mm)	
A1	04' - 9.25W/ft	48" (1200mm)	

CONTINUOUS ROWS EXAMPLE WITH LASER BLADE 10 (LB10)

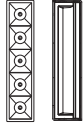
Single elements can be combined to obtain a linear continuous row.

Config.	Nominal length	Nominal luminaire spacing	
A1	12'	48" (1200mm)	

PHOTOMETRIC DATA

Visit sistimalux.com for complete photometric data.

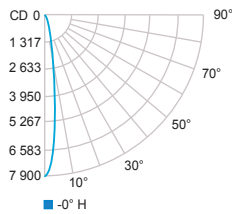
LB 05



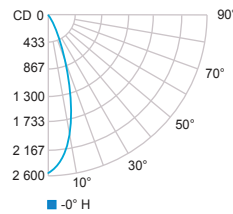
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	13W	Spot	725	55	7 780	P137
			Flood	735	56	2 520	MK37
			Wide Flood	765	58	1 345	MK38
			Wall Washer	355	27	280	N328

Refers to one module*

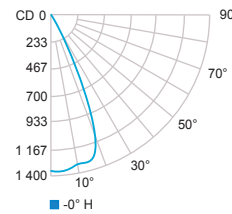
Spot 12° (3000K, 90 CRI)



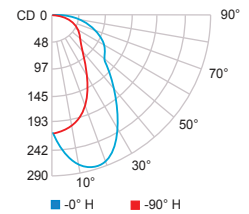
Flood 32° (3000K, 90 CRI)



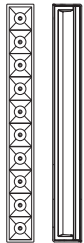
Wide Flood 48° (3000K, 90 CRI)



Wall Washer (3000K, 90 CRI)



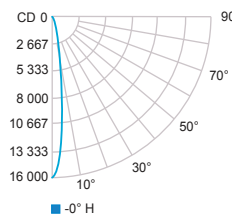
LB 10



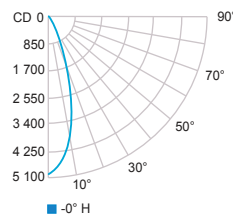
3000K	90	25.5W	Spot	1 455	58	15 730	P140
			Flood	1 470	58	5 040	MK40
			Wide Flood	1 525	61	2 695	MK41
			Wall Washer	715	28	560	N332

Refers to one module*

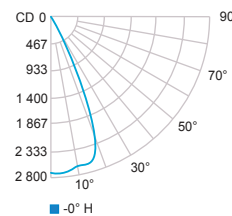
Spot 12° (3000K, 90 CRI)



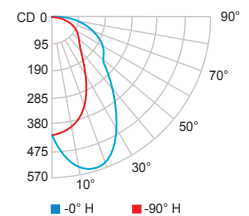
Flood 32° (3000K, 90 CRI)



Wide Flood 48° (3000K, 90 CRI)



Wall Washer (3000K, 90 CRI)



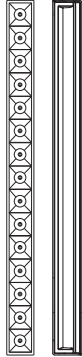
* Use multiplier table for other CCT and CRI output data

CCT options	2700K	3000K	3000K	3500K	4000K
CRI options	95CRI	90CRI	95CRI	95CRI	95CRI
Multiplier	0.93	1	0.93	0.94	1

PHOTOMETRIC DATA

Visit sistimalux.com for complete photometric data.

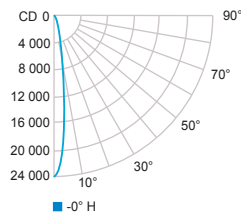
LB 15



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	37W	Spot	2 180	58	23 615	P143
			Flood	2 205	59	7 565	MK43
			Wide Flood	2 290	61	4 040	MK44
			Wall Washer	1 075	29	845	N334

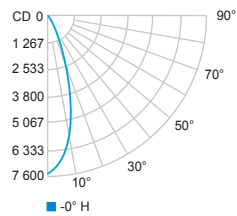
Refers to one module*

Spot 12° (3000K, 90 CRI)



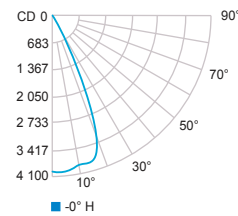
Center Beam fc	Beam Width ft
2ft	5 904
4ft	1 476
6ft	656
8ft	369
10ft	236
12ft	164

Flood 32° (3000K, 90 CRI)



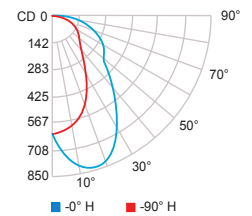
Center Beam fc	Beam Width ft
2ft	1 891
4ft	473
6ft	210
8ft	118
10ft	75.7
12ft	52.5

Wide Flood 48° (3000K, 90 CRI)



Center Beam fc	Beam Width ft
2ft	1 011
4ft	253
6ft	112
8ft	63.2
10ft	40.4
12ft	28.1

Wall Washer (3000K, 90 CRI)

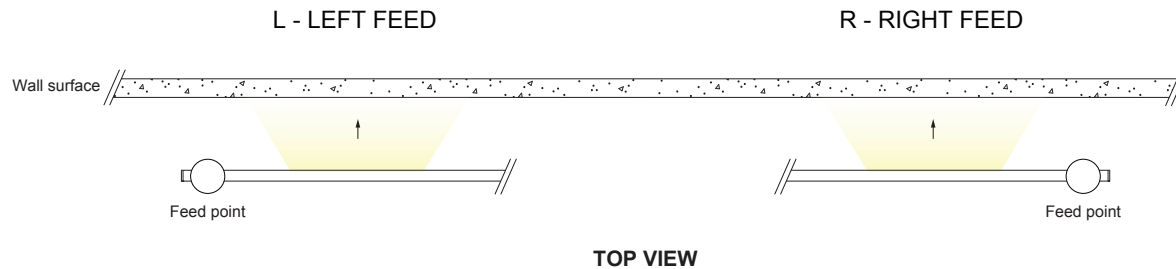


* Use multiplier table for other CCT and CRI output data

CCT options	2700K	3000K	3000K	3500K	4000K
CRI options	95CRI	90CRI	95CRI	95CRI	95CRI
Multiplier	0.93	1	0.93	0.94	1

WALL WASHER DIRECTION (FEED POSITION)

Only applicable for Wall Washer models



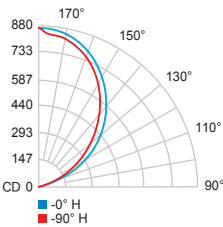
PHOTOMETRIC DATA

Visit sistimalux.com for complete photometric data.

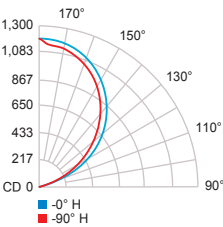
INDIRECT OUTPUT
 (for High profile only)

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

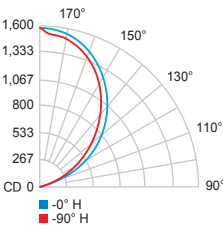
Base output (3000K, 85 CRI)



Medium output (3000K, 85 CRI)



High output (3000K, 85 CRI)



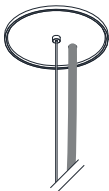
* Use multiplier table for other CCT and CRI output data

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

INSTALLATION OPTIONS (INCLUDED)

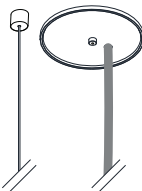
DEFAULT OPTION

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 ACCESSORY (TO BE ORDERED SEPARATELY)

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



ORDERING INFO

- - -A - - - -

FIXTURE

MODEL

- ☐ **3650** - High profile - 4½" (116mm) ☐ **3660** - Compact profile - 3½" (89mm)

LENGTH

The luminaire row must be ordered by 4' increments.

INDIRECT OUTPUT (for High profile only)

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

CONFIGURATION

- ☐ **A1** - 48" spacing ☐ **A2** - 24" spacing⁽¹⁾

MODEL	OPTIC	4000K, 95CRI	3500K, 95CRI	3000K, 95CRI	3000K, 90CRI	2700K, 95CRI
LB05	Spot		<input type="checkbox"/> P484	<input type="checkbox"/> P138	<input type="checkbox"/> P137	<input type="checkbox"/> P139
	Flood		<input type="checkbox"/> P485	<input type="checkbox"/> MQ89	<input type="checkbox"/> MK37	<input type="checkbox"/> MM85
	Wide Flood	<input type="checkbox"/> MK36	<input type="checkbox"/> P486	<input type="checkbox"/> MQ90	<input type="checkbox"/> MK38	<input type="checkbox"/> MM86
	Wall Washer	<input type="checkbox"/> N327	<input type="checkbox"/> P496		<input type="checkbox"/> N328	<input type="checkbox"/> P150
LB10	Spot		<input type="checkbox"/> P487	<input type="checkbox"/> P141	<input type="checkbox"/> P140	<input type="checkbox"/> P142
	Flood		<input type="checkbox"/> P488	<input type="checkbox"/> MQ91	<input type="checkbox"/> MK40	<input type="checkbox"/> MM87
	Wide Flood	<input type="checkbox"/> MK39	<input type="checkbox"/> P489	<input type="checkbox"/> MQ92	<input type="checkbox"/> MK41	<input type="checkbox"/> MM88
	Wall Washer	<input type="checkbox"/> N331	<input type="checkbox"/> P497		<input type="checkbox"/> N332	<input type="checkbox"/> P152
LB15	Spot		<input type="checkbox"/> P490	<input type="checkbox"/> P144	<input type="checkbox"/> P143	<input type="checkbox"/> P145
	Flood		<input type="checkbox"/> P491	<input type="checkbox"/> MQ93	<input type="checkbox"/> MK43	<input type="checkbox"/> MM89
	Wide Flood	<input type="checkbox"/> MK42	<input type="checkbox"/> P492	<input type="checkbox"/> MQ94	<input type="checkbox"/> MK44	<input type="checkbox"/> MM90
	Wall Washer	<input type="checkbox"/> N333	<input type="checkbox"/> P498		<input type="checkbox"/> N334	<input type="checkbox"/> P153

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 

DIMMING

- ☐ **D10** - 0-10V (down to 15%)⁽²⁾⁽³⁾ ☐ **LTE** - Leading and trailing edge (120V only) (down to 15%)⁽²⁾ ☐ **D2B** - Lutron Hi-lume® 1% BUS supply, (down to 1%)⁽³⁾
☐ **D01** - 0-10V (down to 1%)⁽³⁾ ☐ **D2A** - Lutron Hi-lume® 1% 3 wire (down to 1%)⁽³⁾ ☐ **D3** - Lutron Hi-lume® 1% 2-wire leading edge (120V only) (down to 1%)

⁽¹⁾A2 configuration only available with LB05 models.

⁽²⁾15% dimming options: For leading and trailing edge and 0-10V (LTE and D10), the dimming levels will vary depending the dimmer used and the number of luminaires on the line.

⁽³⁾Only available in UNV.