

Elegant LED profile system with small aperture, only 1 1/4". Available in two different heights. Modular continuous systems configured to obtain bespoke solutions by incorporating Laser Blade XS modules from iGuzzini. Available as single modules or continuous runs.

Luminaire characteristics:
(uplight general light)

Power input: 5.6W/ft, 8.3W/ft or 11.2W/ft
Lumens: 418lm/ft to 1004lm/ft (3000K, 90CRI)
Luminaire efficacy: Up to 102lm/W

Luminaire characteristics:
(downlight laser blade)

Power input: 13.5W to 34.5W per module
Lumens: 291lm to 2241lm per module (3000K, 90CRI)
Luminaire efficacy: Up to 64lm/W

Source:	White LED (LM-80) 2700K: 90CRI, 3000K: 90CRI, 3500K: 90CRI, 4000K: 90CRI.
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80) (LM-79).
Optics:	Downlight: Medium, flood, wide flood, wall washer or wall washer LGC. Uplight: General light frosted and microprismatic.
Material:	Profile: Extruded aluminum, End caps: Die-cast aluminum, Cover plate: Extruded aluminum, Canopy: Die-cast aluminum, Baffles and reflector: Thermoplastic, Uplight diffuser: Polycarbonate frosted or microprismatic 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), down to 1%. Leading edge (TRIAC) and trailing edge (ELV) (120V only), down to 10%.
Finish:	Available in white RAL9010 or black RAL9004. The canopy is supplied white.
Weight:	Max: 1.2 lbs/ft (0.54kg/ft)
Warranty:	5 year limited warranty.
Ratings:	IP20
Certification:	 cULus listed for damp location. Interior use only.

Powered by **iGuzzini**

LINEAR SMALL LASER BLADE XS

PENDANT - SOLO UNIT

Type:

Project:

SPECIFICATION SHEET

Page: 2 of 10

ORDERING INFO

- - - -
FIXTURE



MODEL

☐ **3450** - High profile - 3 $\frac{3}{8}$ " (85mm)

☐ **3460** - Compact profile - 2 $\frac{13}{16}$ " (72mm)

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⁾

☐ **C5** - 5 modules⁽¹⁾

LASER BLADE XS MODEL

☐ **LBXS05** - 5 Cells

☐ **LBXS10** - 10 Cells⁽²⁾

☐ **LBXS15** - 15 Cells⁽³⁾

LED

☐ **927** - 2700K, 90CRI

☐ **930** - 3000K, 90CRI

☐ **935** - 3500K, 90CRI

☐ **940** - 4000K, 90CRI

INDIRECT OPTIC (for high profile only)

☐ **N** - None (cover plate)⁽⁴⁾

☐ **F** - Frosted

☐ **M** - Microprismatic

DIRECT OPTIC

☐ **MD** - Medium 24°

☐ **FL** - Flood 41°

☐ **WF** - Wide flood 58°

☐ **WW** - Wall washer

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

WALL WASHER DIRECTION (FEED POSITION)

☐ **L** - Left feed

☐ **R** - Right feed

☐ **N** - Not applicable⁽⁵⁾

VOLTAGE

☐ **UNV** - 120-277V

☐ **120** - 120V

FINISH (Profile finish / Cover plate finish / Baffle finish)

☐ **21** - White / Black / Black



☐ **02** - Black / Black / Black



☐ **01** - White / White / Black



DIMMING

☐ **D01** - 0-10V (down to 1%)⁽⁶⁾

☐ **LTE** - Leading and trailing edge (120V only) (down to 10%)

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

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

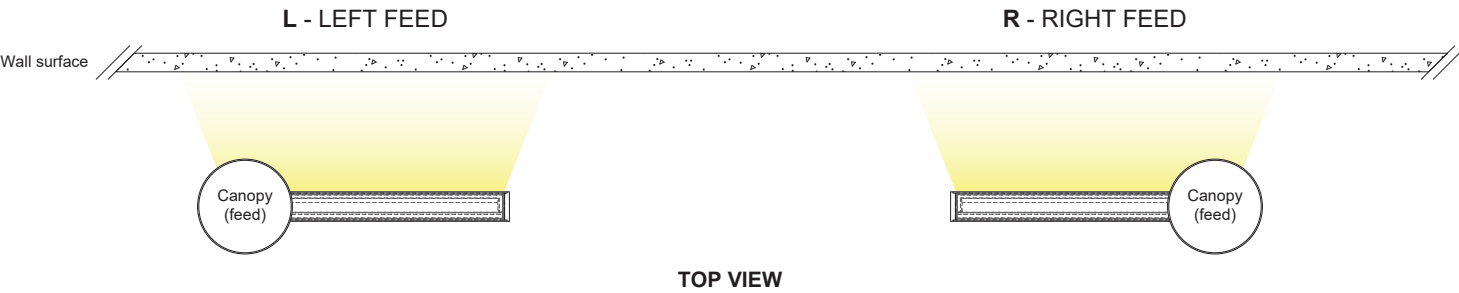
⁽³⁾ Available with 2 (**C2**) module configuration.

⁽⁴⁾ Available for no (**NO**) indirect output.

⁽⁵⁾ Available for medium (**MD**), flood (**FL**), wide flood (**WF**) optics.

⁽⁶⁾ Available with 120-277V (**UNV**) voltage.

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)
*for installation consult the instruction sheet

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



Table with 2 columns: Length, # of kits needed. Rows include lengths from 'Up to 8'' to '89' to 96'' with corresponding kit counts from 1 to 7.

DIMENSION AND CONFIGURATION



SOLO UNIT CONFIGURATION WITH LASER BLADE XS 5 CELLS (LBXS05)

Downlight or wall washer

Config.	Nominal length	Luminaire spacing	
C5	8' - 65W	23" (584mm)	
C3	8' - 39W	46" (1167mm)	
C2	8' - 26W	92" (2335mm)	
C2	4' - 26W	44" (1118mm)	

SOLO UNIT CONFIGURATION WITH LASER BLADE XS 10 CELLS (LBXS10)

Downlight or wall washer

Config.	Nominal length	Luminaire spacing	
C3	8' - 69W	44 1/4" (1123mm)	
C2	8' - 46W	88 1/2" (2246mm)	
C2	4' - 46W	40 1/2" (1029mm)	

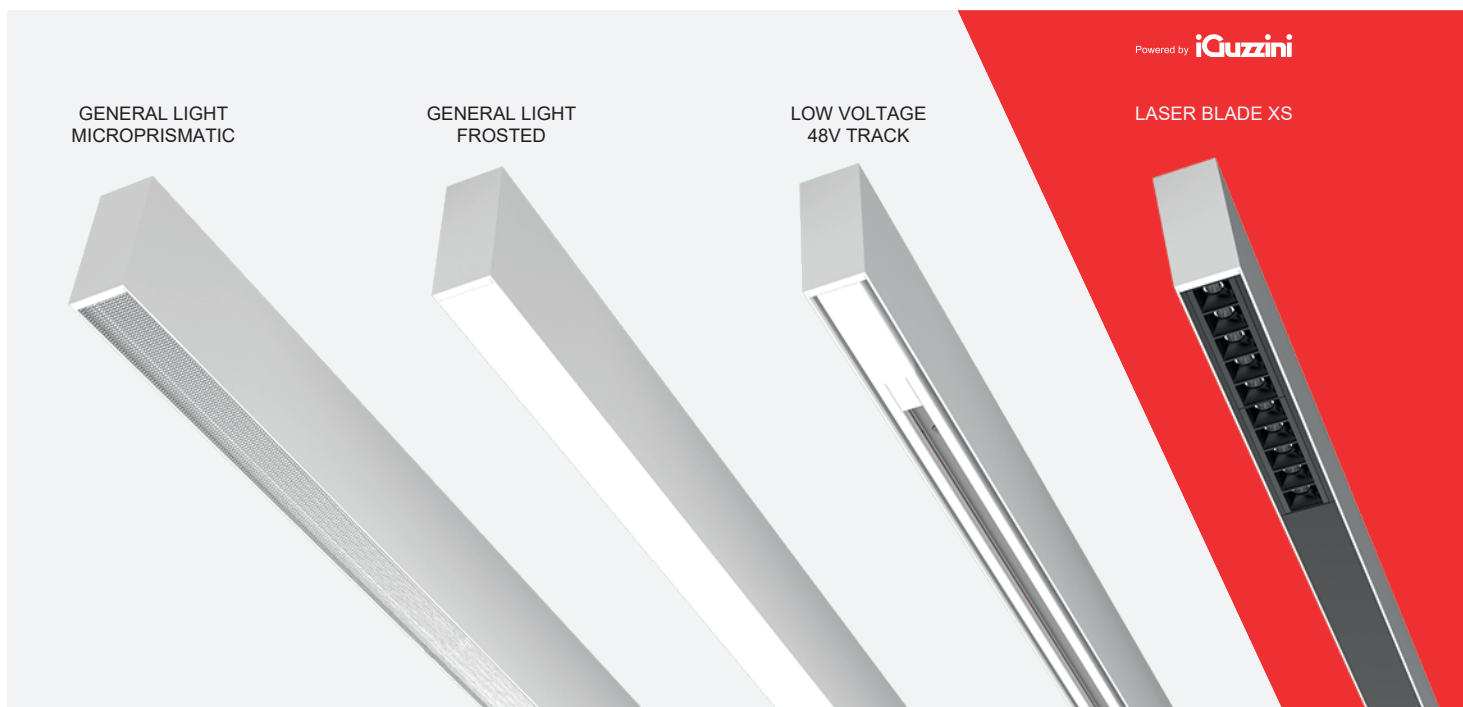
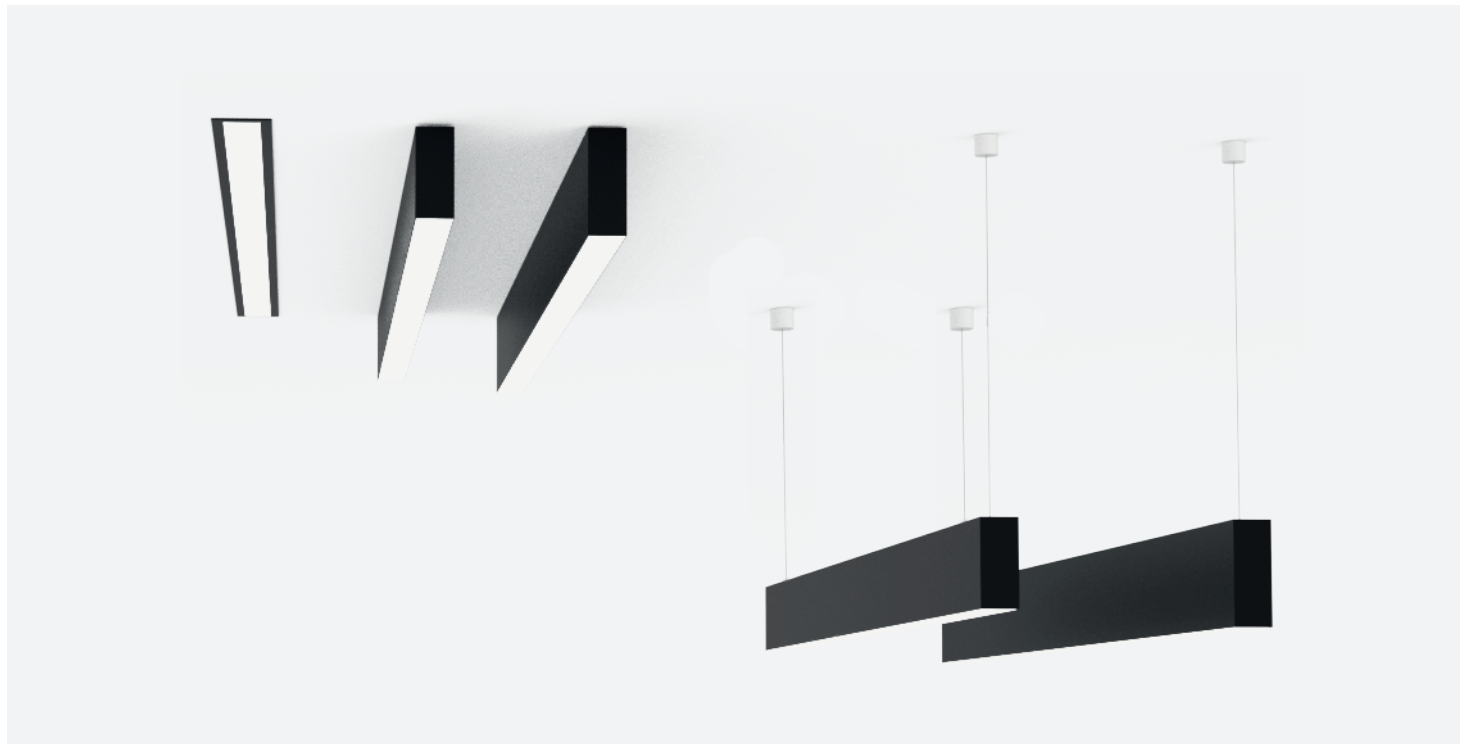
SOLO UNIT CONFIGURATION WITH LASER BLADE XS 15 CELLS (LBXS15)

Downlight or wall washer

Config.	Nominal length	Luminaire spacing	
C2	8' - 68W	85" (2157mm)	

FAMILY OVERVIEW

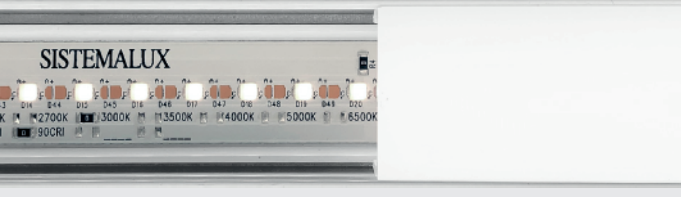
Linear small family offers a wide range of mounting and optic options for multiple applications



PRODUCT FEATURES

PROPRIETARY LED PLATFORM

Superior thermal management for reliable color consistency and optimized output performance.



PROFESSIONAL GRADE OPTICS

PMMA premium quality optics designed for visual comfort and performance.

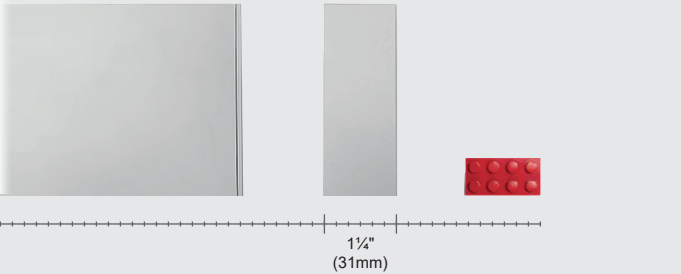


FROSTED

MICROPRISMATIC

SOPHISTICATED SLIM PROFILE

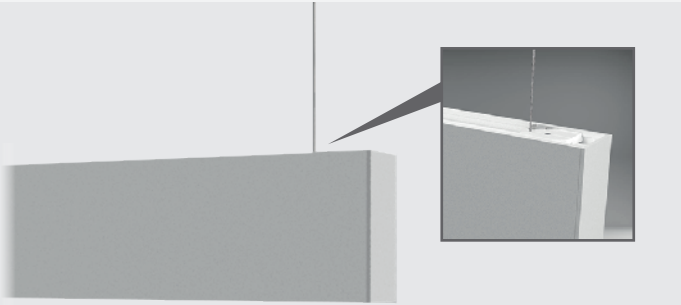
Minimalist slim shape for subtle integration with architecture.



1 1/4"
(31mm)

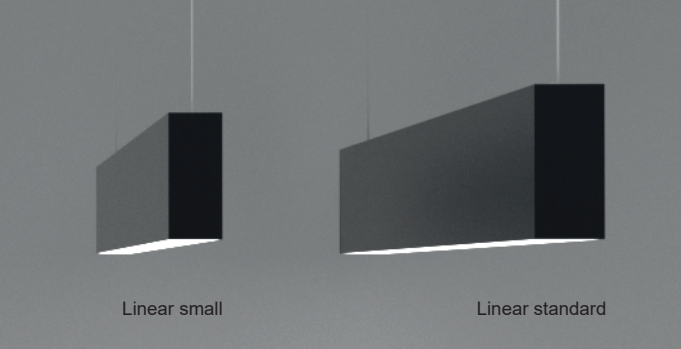
HIDDEN SUSPENSION ADJUSTMENT MECHANISM

Cable adjustment and lock mechanism designed to be invisible to keep a clean look.



SIZE COMPARISON

Smaller form factor with no compromise on the performance.



Linear small

Linear standard

LINEAR SMALL LASER BLADE XS

PENDANT - SOLO UNIT

Type:

Project:

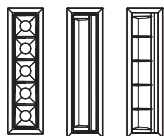
SPECIFICATION SHEET

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PHOTOMETRIC DATA

Photometric data for one laser blade module

LBXS05

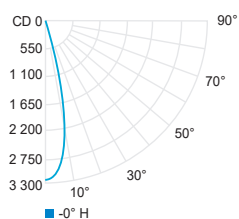


MD
FL
WF

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	13.5W	Medium 24°	695	51	3 212	LBXS05-930-MD
			Flood 41°	730	54	1 500	LBXS05-930-FL
			Wide flood 58°	730	54	930	LBXS05-930-WF
			Wall washer	345	25	259	LBXS05-930-WW
			Wall washer LGC (longitudinal glare control)	291	21	287	LBXS05-930-WL

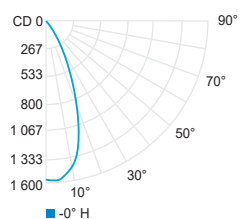
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



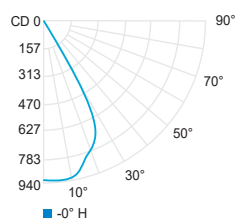
Center beam fc	Beam width ft
2ft 803	0.9
4ft 201	1.8
6ft 89.2	2.7
8ft 50.2	3.5
10ft 32.1	4.4
12ft 22.3	5.3

Flood 41° (3000K, 90CRI)



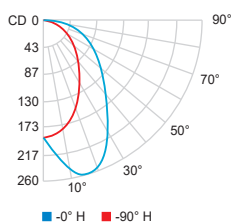
Center beam fc	Beam width ft
2ft 371	1.5
4ft 92.8	3.0
6ft 41.2	4.6
8ft 23.2	6.1
10ft 14.8	7.6
12ft 10.3	9.1

Wide flood 58° (3000K, 90CRI)

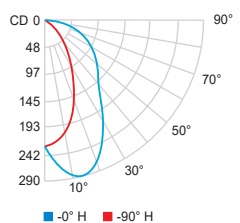


Center beam fc	Beam width ft
2ft 230	2.2
4ft 57.5	4.4
6ft 25.5	6.6
8ft 14.4	8.8
10ft 9.20	11.0
12ft 6.39	13.2

Wall washer (3000K, 90CRI)



Wall washer LGC (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.95	1	1	1.21

LINEAR SMALL LASER BLADE XS

PENDANT - SOLO UNIT

Type:

Project:

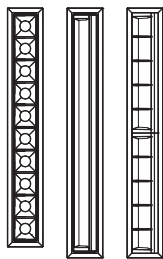
SPECIFICATION SHEET

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PHOTOMETRIC DATA

Photometric data for one laser blade module

LBXS10

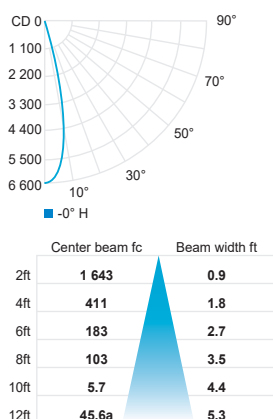


MD
FL
WF

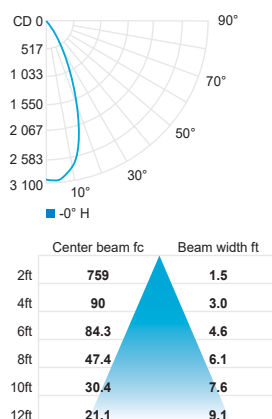
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	23.8W	Medium 24°	1 422	59	6 570	LBXS10-930-MD
			Flood 41°	1 494	62	3 068	LBXS10-930-FL
			Wide flood 58°	1 494	62	1 904	LBXS10-930-WF
			Wall washer	627	26	470	LBXS10-930-WW
			Wall washer LGC (longitudinal glare control)	528	22	520	LBXS10-930-WL

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.

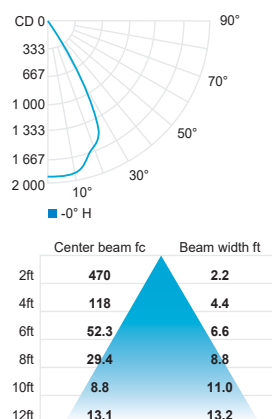
Medium 24° (3000K, 90CRI)



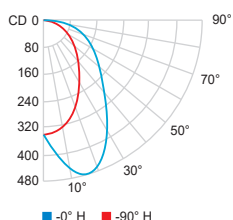
Flood 41° (3000K, 90CRI)



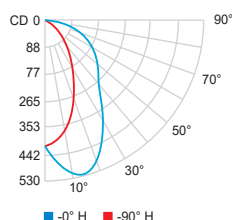
Wide flood 58° (3000K, 90CRI)



Wall washer (3000K, 90CRI)



Wall washer LGC (3000K, 90CRI)

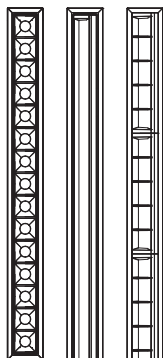


CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.94	1	1	1.19

PHOTOMETRIC DATA

Photometric data for one laser blade module

LBXS15

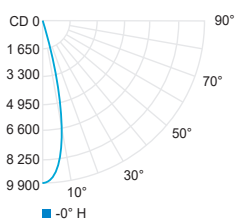


MD
FL
WF

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	34.5W	Medium 24°	2 133	61	9 855	LBXS15-930-MD
			Flood 41°	2 241	64	4 603	LBXS15-930-FL
			Wide flood 58°	2 241	64	2 856	LBXS15-930-WF
			Wall washer	912	26	684	LBXS15-930-WW
			Wall washer LGC (longitudinal glare control)	768	22	757	LBXS15-930-WL

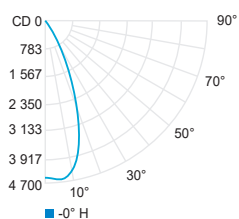
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



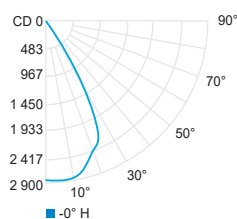
Center beam fc	Beam width ft
2ft 2 464	0.9
4ft 616	1.8
6ft 274	2.7
8ft 154	3.5
10ft 98.6	4.4
12ft 68.4	5.3

Flood 41° (3000K, 90CRI)



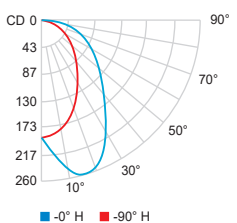
Center beam fc	Beam width ft
2ft 1 138	1.5
4ft 285	3.0
6ft 126	4.6
8ft 71.1	6.1
10ft 45.5	7.6
12ft 31.6	9.1

Wide flood 58° (3000K, 90CRI)

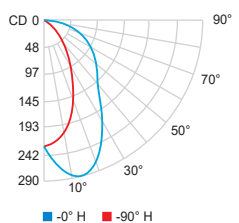


Center beam fc	Beam width ft
2ft 705	2.2
4ft 176	4.4
6ft 78.4	6.6
8ft 44.1	8.8
10ft 28.2	11.0
12ft 19.6	13.2

Wall washer (3000K, 90CRI)



Wall washer LGC (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.94	1	1	1.21

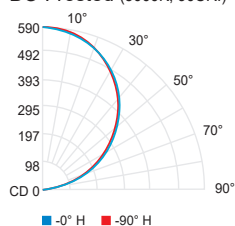
PHOTOMETRIC DATA

UPLIGHT GENERAL LIGHT

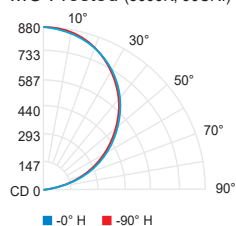
CCT (K)	CRI	OUTPUT	LOAD (W / ft)	OPTIC	LUMENS (lm / ft)	EFFICACY (lm / W)	MODELS
3000K	90	BO	5.6W/ft	Frosted	418	81	3400-BO-930-F
				Microprismatic	524	102	3400-BO-930-M
		MO	8.3W/ft	Frosted	619	81	3400-MO-930-F
				Microprismatic	770	101	3400-MO-930-M
		HO	11.2W/ft	Frosted	752	73	3400-HO-930-F
				Microprismatic	1 004	97	3400-HO-930-M

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

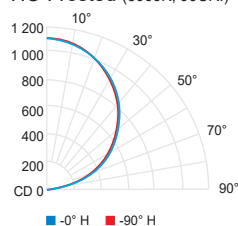
BO Frosted (3000K, 90CRI)



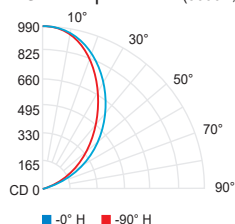
MO Frosted (3000K, 90CRI)



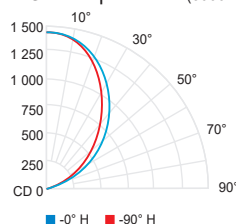
HO Frosted (3000K, 90CRI)



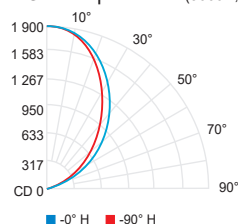
BO Microprismatic (3000K, 90CRI)



MO Microprismatic (3000K, 90CRI)



HO Microprismatic (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.94	1	1.03	1.06

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	94	94	91	93	93	92	93	88	70	84	94	82	94	94	92	88	104	0.456
3000K	97	96	93	94	96	94	95	92	82	89	94	86	97	95	96	90	104	0.538
3500K	99	99	98	98	98	97	97	96	93	99	99	83	99	98	98	92	99	0.666
4000K	94	94	93	94	92	91	97	91	74	85	91	72	93	96	92	91	99	0.744

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
3000K	91	94	96	91	91	93	92	80	54	86	91	83	92	97	87	91	100	0.535
3500K	95	96	95	94	94	94	94	87	67	88	95	80	95	96	92	92	101	0.641
4000K	92	100	94	94	91	94	93	91	77	84	93	71	94	95	93	92	100	0.716