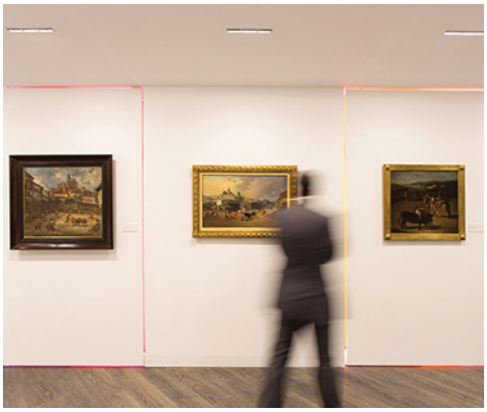
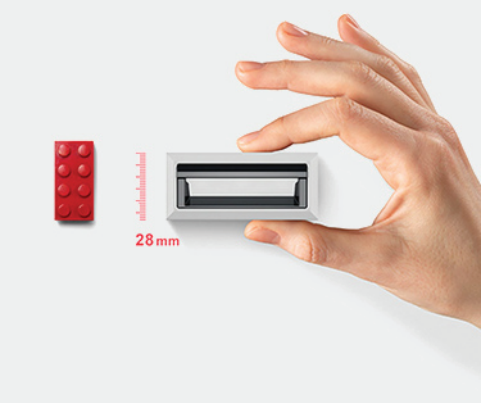




Only 28 mm wide, Laser blade XS is an ultracompact architectural wall washer, perfect for commercial and institutional environments. The patented technology of the optic system guarantees an efficient and homogeneous effect on walls from top to bottom and avoids shadow zones near the ceiling.

Luminaire characteristic:	**Power input:** 5.9W to 25W (fixture wattage) **Lumens:** 154lm to 912lm (for 3000K, 90CRI) **Luminaire efficacy:** Up to 36lm/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) (LM79).
Optic:	Wall washer and wall washer LGC (longitudinal glare control).
Material:	Body: Die-cast Zamak (zinc/aluminum alloy) Diffuser: Frosted PMMA diffuser with linear optic Reflector: Superpure aluminum Baffle: Polycarbonate
Mounting:	Remodel or new construction with plaster frame (page 4).
Electrical:	See remote LED driver options on page 3.
Finish:	Black, white (RAL9010) and gray (RAL9006) (page 2).
Weight:	LBXS03: 0.33lb (0.15kg) LBXS05: 1.06lb (0.48kg) LBXS10: 1.21lb (0.55kg) LBXS15: 1.94lb (0.88kg)
Warranty:	5 year limited warranty.
Rating:	IP20
Certification:	cULus listed for damp location.

ORDERING INFO

ILBXS - - REM -
FIXTURE

BI - LBXS -
MOUNTING

RESET INFO

MODEL

- ☐ **03 -** Triple
- ☐ **05 -** Five
- ☐ **10 -** Ten
- ☐ **15 -** Fifteen

MOUNTING

- ☐ **TR -** Trim
- ☐ **TL -** Trimless

INSTALLATION

- ☐ **IC -** Insulated ceiling housing
- ☐ **CP -** Chicago plenum housing

LED

- ☐ **927 -** 2700K, 90CRI
- ☐ **930 -** 3000K, 90CRI
- ☐ **935 -** 3500K, 90CRI
- ☐ **940 -** 4000K, 90CRI

OPTIC

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

VOLTAGE

- ■ **REM -** Remote

FINISH
(trim finish / baffle finish)

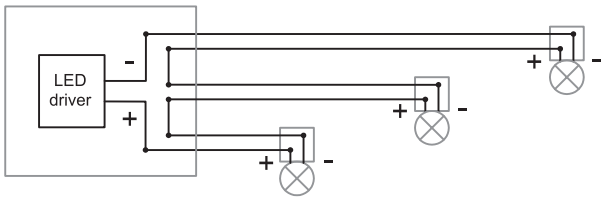
	White trim	Gray trim	Black trim	Trimless
Black baffle	☐ **01 -** White/Black	☐ **10 -** Gray/Black	☐ **02 -** Black/Black	☐ **02 -** Black

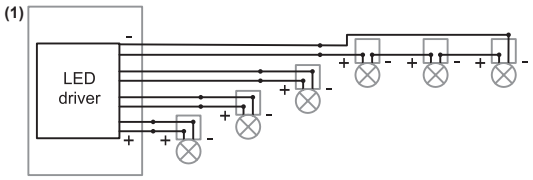
REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

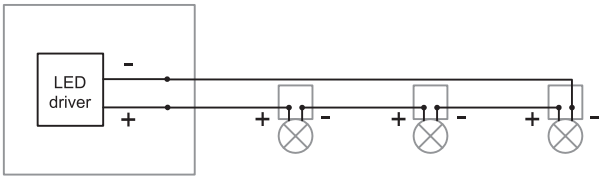
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	LBXS03 5.9W*	LBXS05 9.9W*	LBXS10 17W*	LBXS15 25W*
							Min-max units			
4444-0600-027-120-LTE										
27	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)			1	
4450-0600-030-UNV-ED10										
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)			1	1
4450-0600-030-UNV-SD10										
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)			1	1
4450-0700-012-120-LTE										
12	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	1	1		
4443-0700-014-UNV-D2										
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)	30ft(9m)	2	1		
4450-0700-030-UNV-ED10										
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	1-4	1-2		
4450-0700-030-UNV-SD10										
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	1-4	1-2		
4450-0700-040-UNV-D10										
40	120-277V	Indoor	0-10V	Down to ±15%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	1-5	1-3		
4448-0700-100-UNV-SD10 (4channels) [1]										
100	120-277V	Indoor	0-10V SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 102mm)	118ft(36m)	1-16 4 per channel	1-8 2 per channel	1-4 1 per channel	1-3 1 per channel

* 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)





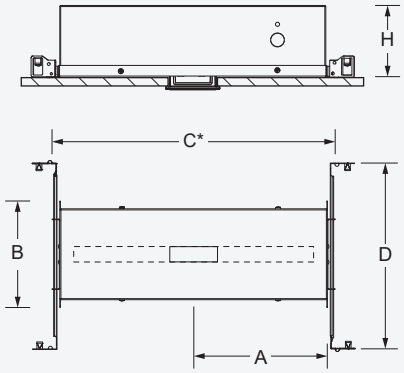


INSTALLATION

New construction with housing suitable for insulated ceiling (IC) or chicago plenum (CP)

Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or chicago plenum applications. Housing and fixture can be shipped separately.
(Power supply is not accessible from luminaire opening)

Ceiling thickness:
Trim: ⅛" to 1⅛" (3mm - 29mm)
Trimless: ⅝" (16mm)

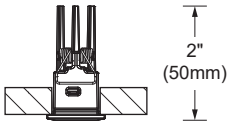


*Provide a minimum of 1⅞" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
LBXS03	BI-LBXS03**TR**-IC/CP	1" x 2⅜" (24 x 60mm)	2½" (64mm)	5¾" x 6" (145mm x 152mm)	9" to 15¼" (229 to 387mm)	3¼" (80mm)
	BI-LBXS03**TL**-IC/CP	1⅛" x 2⅜" (29 x 60mm)				
LBXS05	BI-LBXS05**TR**-IC/CP	1" x 3¾" (24 x 95mm)	5" (125mm)	9⅜" x 9⅞" (238mm x 253mm)		4⅝" (116mm)
	BI-LBXS05**TL**-IC/CP	1⅛" x 3¾" (29 x 95mm)				
LBXS10	BI-LBXS10**TR**-IC/CP	1" x 7⅜" (24 x 186mm)	8⅜" (213mm)	6¾" x 17" (171mm x 434mm)	14¼" to 26" (362 to 660mm)	
	BI-LBXS10**TL**-IC/CP	1⅛" x 7¼" (29 x 184mm)				
LBXS15	BI-LBXS15**TR**-IC/CP	1" x 10⅞" (24 x 276mm)	10" (250mm)	13⅞" x 19¾" (353mm x 502mm)		6" (150mm)
	BI-LBXS15**TL**-IC/CP	1⅛" x 10¾" (29 x 274mm)				

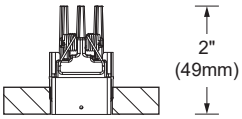
DIMENSIONS

TRIM MODELS



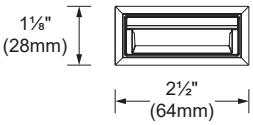
FRONT VIEW

TRIMLESS MODELS

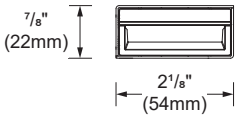


FRONT VIEW

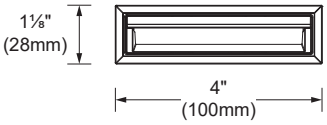
LBXS03



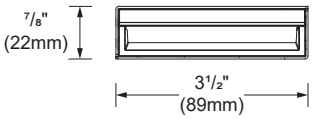
LBXS03



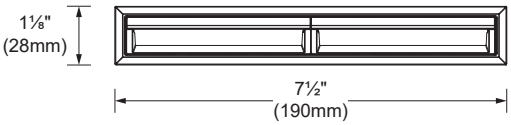
LBXS05



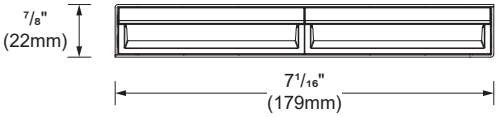
LBXS05



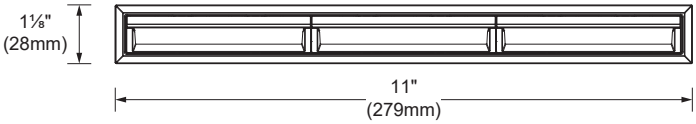
LBXS10



LBXS10

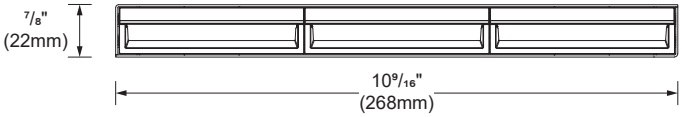


LBXS15



BOTTOM VIEW

LBXS15



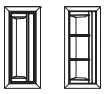
BOTTOM VIEW

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	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

PHOTOMETRIC DATA

LBXS03

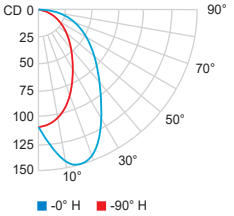


WW **WL**

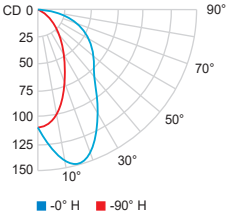
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	5.9W	Wall washer	181	30	146	ILBXS03-930-WW
			Wall washer LGC (longitudinal glare control)	154	26	148	ILBXS03-930-WL

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.

Wall washer (3000K, 90CRI)

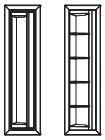


Wall washer LGC (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.96**	**1**	**1.02**	**1.22**

LBXS05

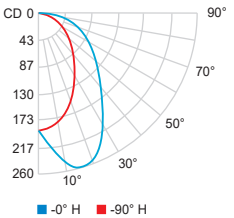


WW **WL**

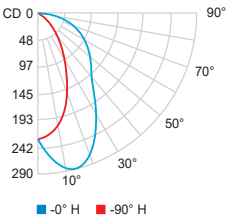
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	9.9W	Wall washer	345	34	259	ILBXS05-930-WW
			Wall washer LGC (longitudinal glare control)	291	29	287	ILBXS05-930-WL

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.

Wall washer (3000K, 90CRI)



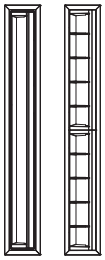
Wall washer LGC (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1.07**	**1.21**

PHOTOMETRIC DATA

LBXS10

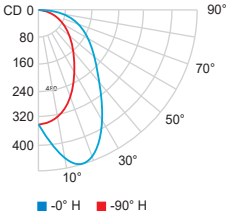


WW **WL**

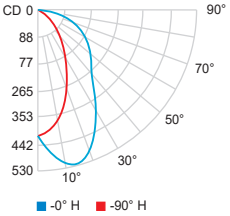
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Wall washer	627	36	470	ILBXS10-930-WW
			Wall washer LGC (longitudinal glare control)	528	31	520	ILBXS10-930-WL

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.

Wall washer (3000K, 90CRI)

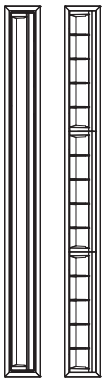


Wall washer LGC (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1.04**	**1.18**

LBXS15

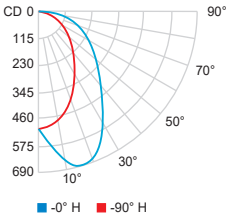


WW **WL**

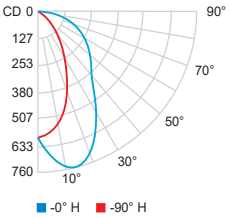
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	25W	Wall washer	912	36	684	ILBXS15-930-WW
			Wall washer LGC (longitudinal glare control)	768	30	757	ILBXS15-930-WL

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.

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**	**1.07**	**1.21**