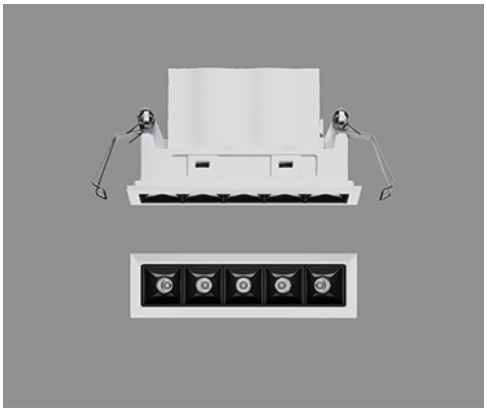
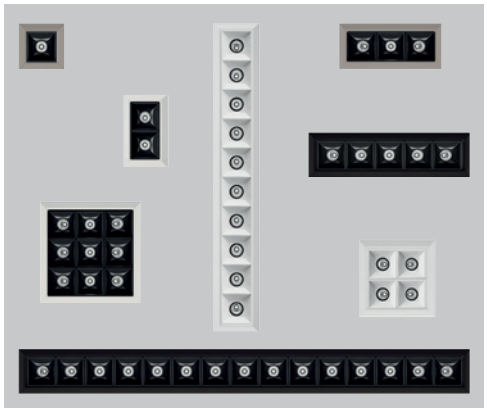








Only 28 mm wide, Laser blade XS is an ultracompact architectural downlight, perfect for retail and hospitality environments. The light is aimed and maximised by a micro optical assembly that uses our patented Opti Beam technology. The light source is also invisible, which guarantees excellent visual comfort.

Luminaire characteristic:	Power input: 2W to 30W (fixture wattage) Lumens: 136lm to 2241lm (for 3000K, 90CRI) Luminaire efficacy: Up to 77lm/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:	Low luminance Opti Beam technology with medium, flood and wide flood distribution (page 11-15).
Material:	Body: Die-cast Zamak (zinc/aluminum alloy) Reflector: Metalized thermoplastic Baffle: Polycarbonate
Mounting:	Retrofit, new construction, new construction insulated ceiling and chicago plenum (page 7-8).
Electrical:	See remote LED driver options on page 3 to 6.
Finish:	Black, white (RAL9010) and grey (RAL9006) (page 11).
Weight:	LBXS01: 0.15lb (0.07kg) LBXS02: 0.24lb (0.11kg) LBXS03: 0.33lb (0.15kg) LBXS04: 0.24lb (0.11kg) LBXS05: 1.06lb (0.48kg) LBXS09: 0.66lb (0.30kg) LBXS10: 1.21lb (0.55kg) LBXS15: 1.94lb (0.88kg)
Warranty:	5 year limited warranty.
Rating:	IP20
Certification:	cULus listed for damp location. Interior use only.

ORDERING INFO

ILBXS - - **REM** - - **LBXS** -
FIXTURE MOUNTING

CLICK HERE
CONFIGURE

RESET INFO

MODEL

- ☐ **01 -** Single[1][2]
- ☐ **02 -** Double[2]
- ☐ **03 -** Triple[3]
- ☐ **04 -** Four, square[3]
- ☐ **05 -** Five[3]
- ☐ **09 -** Nine, square[3]
- ☐ **10 -** Ten[3]
- ☐ **15 -** Fifteen[3]

MOUNTING

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

INSTALLATION

- ☐ **RF -** Remodeling (No housing)
- ☐ **NC -** New construction plaster frame
- ☐ **IC -** Insulated ceiling housing
- ☐ **CP -** Chicago plenum housing

LED

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

OPTIC

- ☐ **MD -** Medium 24°
- ☐ **FL -** Flood 41°
- ☐ **WF -** Wide flood 58°

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
☒ **White baffle**	☐ **31 -** White/White			☐ **31 -** White

[1]Only available with medium **(MD)** or flood **(FL)** optics (see page 4 for details).
[2]Only available with remodeling **(RF)** or new construction plaster frame **(NC)** installations (see page 8 for details).
[3]Only available with insulated ceiling housing **(IC)** or chicago plenum housing **(CP)** installations (see page 8 for details).

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

For LBXS01 • 2W* • 700mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
3-5	**11**	120-277V	None	None	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-011-UNV-ND** ☐
8-14	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
14-16	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
12-15	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1-14	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1-14	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1-16	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-48 12 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

* Wattage requirement for one (1) fixture (Remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.
NB: Box Model with Emergency Battery Pack in page 6.

For LBXS02 • 3.9W* • 700mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
2	**11**	120-277V	None	None	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-011-UNV-ND** ☐
4-7	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
7-8	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
6-7	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1-7	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1-7	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1-8	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-24 6 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

* Wattage requirement for one (1) fixture (Remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.
NB: Box Model with Emergency Battery Pack in page 6.

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

For LBXS03 • 6W* • 700mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**12**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-012-120-LTE** ☐
3-4	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
5	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
4-5	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1-4	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1-4	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1-5	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-16 4 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

NB: Box Model with Emergency Battery Pack in page 6.

For LBXS04 • 7.9W* • 700mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**11**	120-277V	None	None	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-011-UNV-ND** ☐
1	**12**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-012-120-LTE** ☐
2-3	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
4	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
3	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1-3	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1-3	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1-4	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-12 3 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

* Wattage requirement for one (1) fixture (Remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.
NB: Box Model with Emergency Battery Pack in page 6.

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

For LBXS05 • 9.8W* • 700mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**12**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-012-120-LTE** ☐
2	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
3	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
3	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1-2	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1-2	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1-3	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-8 2 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

NB: Box Model with Emergency Battery Pack in page 6.

For LBXS09 • 15W* • 600mA



Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0600-032-120-LTE** ☐
1	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0600-030-UNV-ED10** ☐
1	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0600-030-UNV-SD10** ☐
1-4 1 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0600-100-UNV-SD10 (4 channels)(1)** ☐

* Wattage requirement for one (1) fixture (Remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.
NB: Box Model with Emergency Battery Pack in page 6.

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

For LBXS10 • 20W* • 700mA

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**32**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0700-032-120-LTE** ☐
1	**30**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-ED10** ☐
1	**30**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-030-UNV-SD10** ☐
1	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-4 1 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

NB: Box Model with Emergency Battery Pack in page 6.

For LBXS15 • 30W* • 700mA

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	**40**	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	**4445-0700-040-120-LTE** ☐
1	**35**	120-277V	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)	**4443-0700-035-UNV-D2** ☐
1	**38**	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	**4450-0700-038-UNV-ED10** ☐
1-3 1 per channel	**100**	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	**4448-0700-100-UNV-SD10 (4 channels)(1)** ☐

* Wattage requirement for one (1) fixture (Remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.
NB: Box Model with Emergency Battery Pack in page 6.

DRIVER BOX MODEL WITH EMERGENCY BATTERY PACK

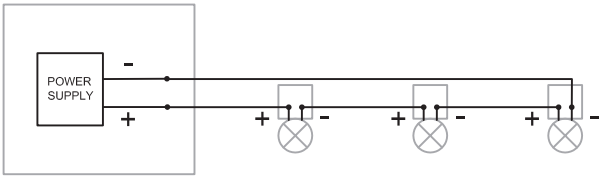
MIN-MAX UNITS								CONSTANT CURRENT	WATTAGE	VOLTAGE
ILBXS01 2W[1]	**ILBXS02** 3.9W[1]	**ILBXS03** 6W[1]	**ILBXS04** 7.9W[1]	**ILBXS05** 9.8W[1]	**ILBXS09** 15W[1]	**ILBXS10** 20W[1]	**ILBXS15** 30W[1]	0700 (700mA)	030 to 050 (30 to 50W)	UNV (120-277V)
4-15	2-7	2-4	1-3	1-3	1-2	1	1	**4451-0700-030-UNV-D10-EM-06[2]** ☐		
4-19	2-10	2-4	1-4	1-3	1-2	1	1	**4451-0700-050-UNV-D10-EM-06[2]** ☐		

DIMMING PROTOCOL	DIMMING RANGE	MODEL (L x W x H)	MAX DISTANCE
D10 (0-10V)	DOWN TO 1%	4451 L 18" x W 4" x H 4" (L 457 x W 102 x H 102mm)	160 ft (48m)

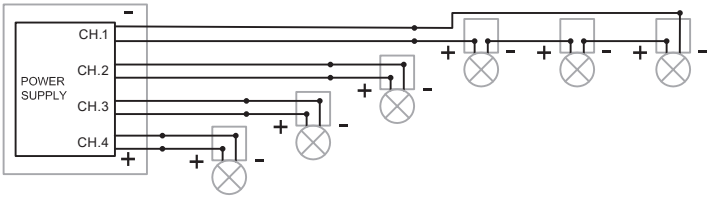
1 Led load requeriment for one (1) fixture in watts (remote fixture only).
2 6 watts battery with test switch / charging indicator light on the remote enclosure. Illumination time: 90 minutes. UL listed to UL924 and tested to CSA 22.2 No. 141.

WIRING DIAGRAMS

Multiple luminaires must be connected in series (home run or fixture chain)



(1) Luminaires must be connected on separate channels (1-4).
Multiple luminaires can be connected in series on a channel (home run or fixture chain).
Do not exceed the wattage and voltage range on each channel.



INSTALLATION OPTION FOR 1 - 2 CELLS

Remodel (RF)

Versatile fixture for new or existing ceiling structure. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Fixture is ready for remodeling installation. Trimless frame kit and fixture can be shipped separately. Installation from below.



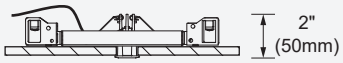
Ceiling thickness:
Trim: ⅛" to 1⅛" (3mm - 29mm)
Trimless: ⅝" (16mm)

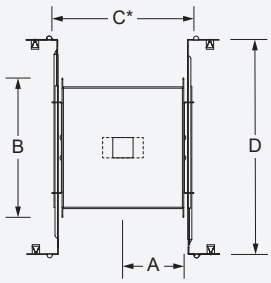
*Power supply is not accessible from luminaire opening.

Model	Mounting	Trimless frame kit	Cut-out dimension*	Clearance
LBXS01	Trim		1" x 1" (24 x 24mm)	2" (50mm)
	Trimless	TK-LBXS01**TL**-RF	1⅛" x 1⅛" (29 x 29mm)	
LBXS02	Trim		1" x 1⅝" (24 x 42mm)	
	Trimless	TK-LBXS02**TL**-RF	1⅛" x 1⅝" (29 x 41mm)	

New construction with plaster frame (NC)

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for insulated or non-insulated new construction ceiling assemblies, like sheetrock, acoustic tiles, or paneling. Plaster frame 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)

Total weight: TBC

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

Model	Plaster Frame	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance
LBXS01	**BN-LBXS01TR-NC**	1" x 1" (24 x 24mm)	3" (76mm)	6⅞" x 6" (174mm x 152mm)	9" to 15¼" (229 to 387mm)	2" (50mm)
	BN-LBXS01TL-NC	1⅛" x 1⅛" (29 x 29mm)				
LBXS02	**BN-LBXS02TR-NC**	1" x 1⅝" (24 x 42mm)	2½" (64mm)	5⅞" x 6" (149mm x 152mm)		
	BN-LBXS02TL-NC	1⅛" x 1⅝" (29 x 42mm)				

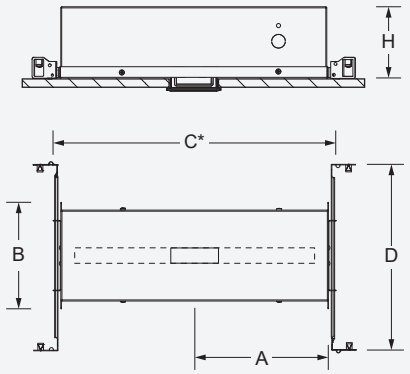
INSTALLATION OPTION FOR 3 - 4 - 5 - 9 - 10 - 15 CELLS

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.

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

*Power supply is not accessible from luminaire opening.

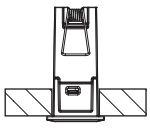


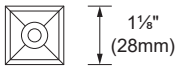
*Provide a minimum of 1⅛" (46mm) on each side for the hanger bar fixations

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)				
LBXS04	BI-LBXS04**TR**-IC/CP	1⅝" x 1⅝" (42 x 42mm)	5" (129mm)	5¾" x 10⅛" (145mm x 257mm)		4⅝" (116mm)
	BI-LBXS04**TL**-IC/CP	1⅛" x 1⅛" (48 x 48mm)				
LBXS05	BI-LBXS05**TR**-IC/CP	1" x 3¾" (24 x 95mm)	5" (125mm)	9⅜" x 9⅞" (238mm x 253mm)		
	BI-LBXS05**TL**-IC/CP	1⅛" x 3¾" (29 x 95mm)				
LBXS09	BI-LBXS09**TR**-IC/CP	2⅜" x 2⅜" (60 x 60mm)				
	BI-LBXS09**TL**-IC/CP	2⅝" x 2⅝" (67 x 67mm)				
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)				

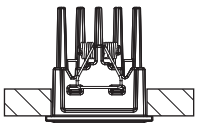
TRIM MODELS DIMENSIONS

LBXS01

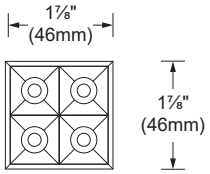




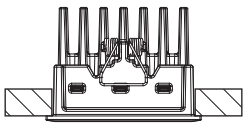
LBXS04

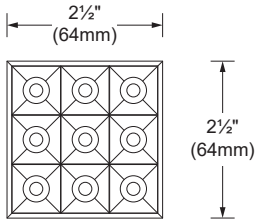


FRONT VIEW



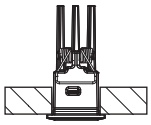
LBXS09



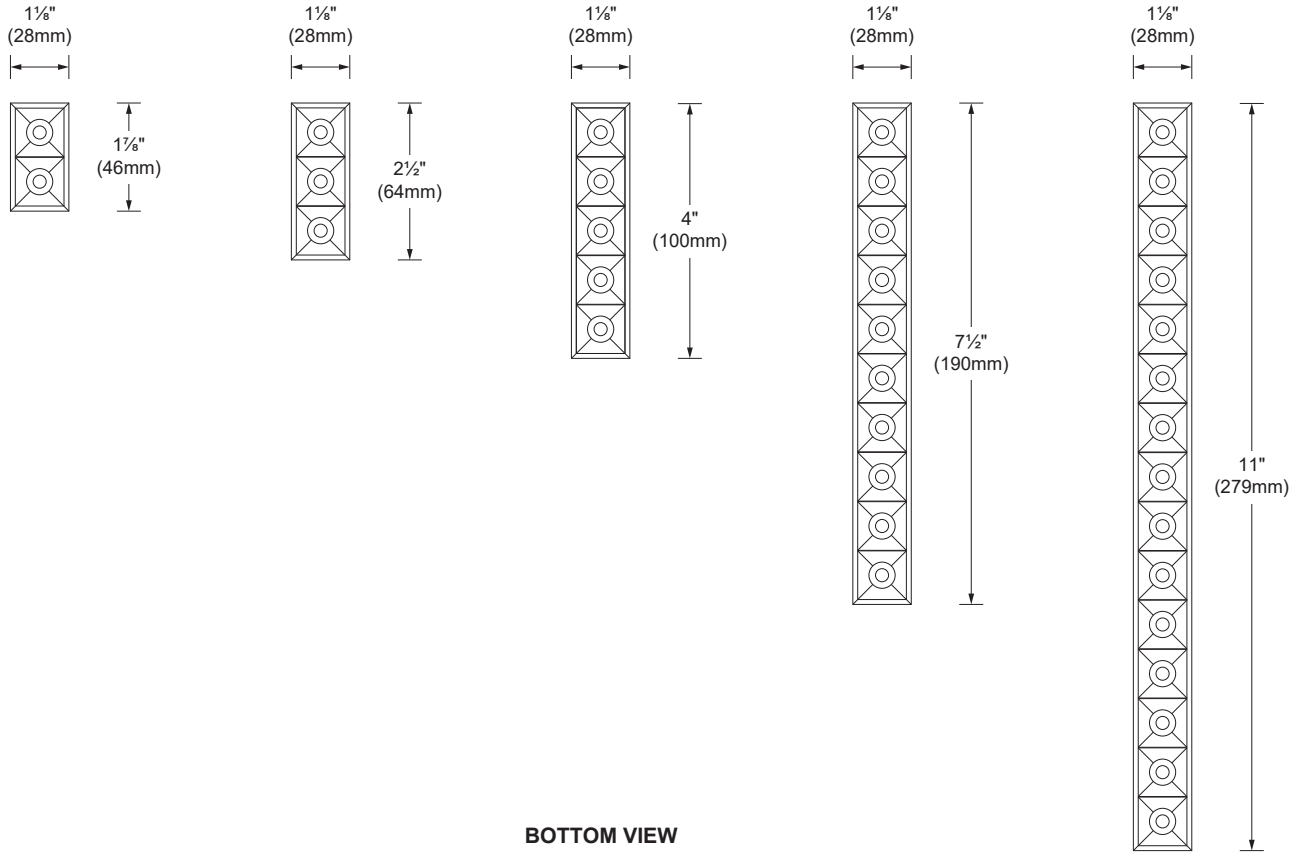


BOTTOM VIEW

LBXS02 LBXS03 LBXS05 LBXS10 LBXS15



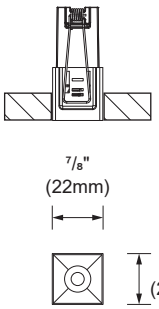
FRONT VIEW



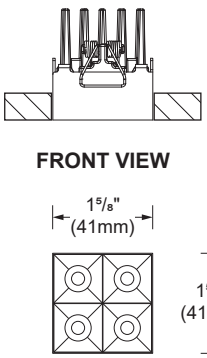
BOTTOM VIEW

TRIMLESS MODELS DIMENSIONS

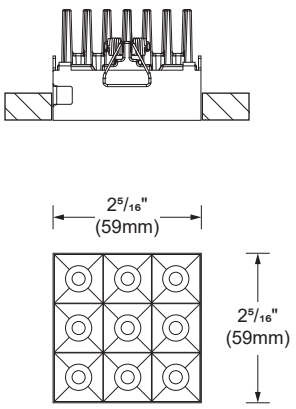
LBXS01



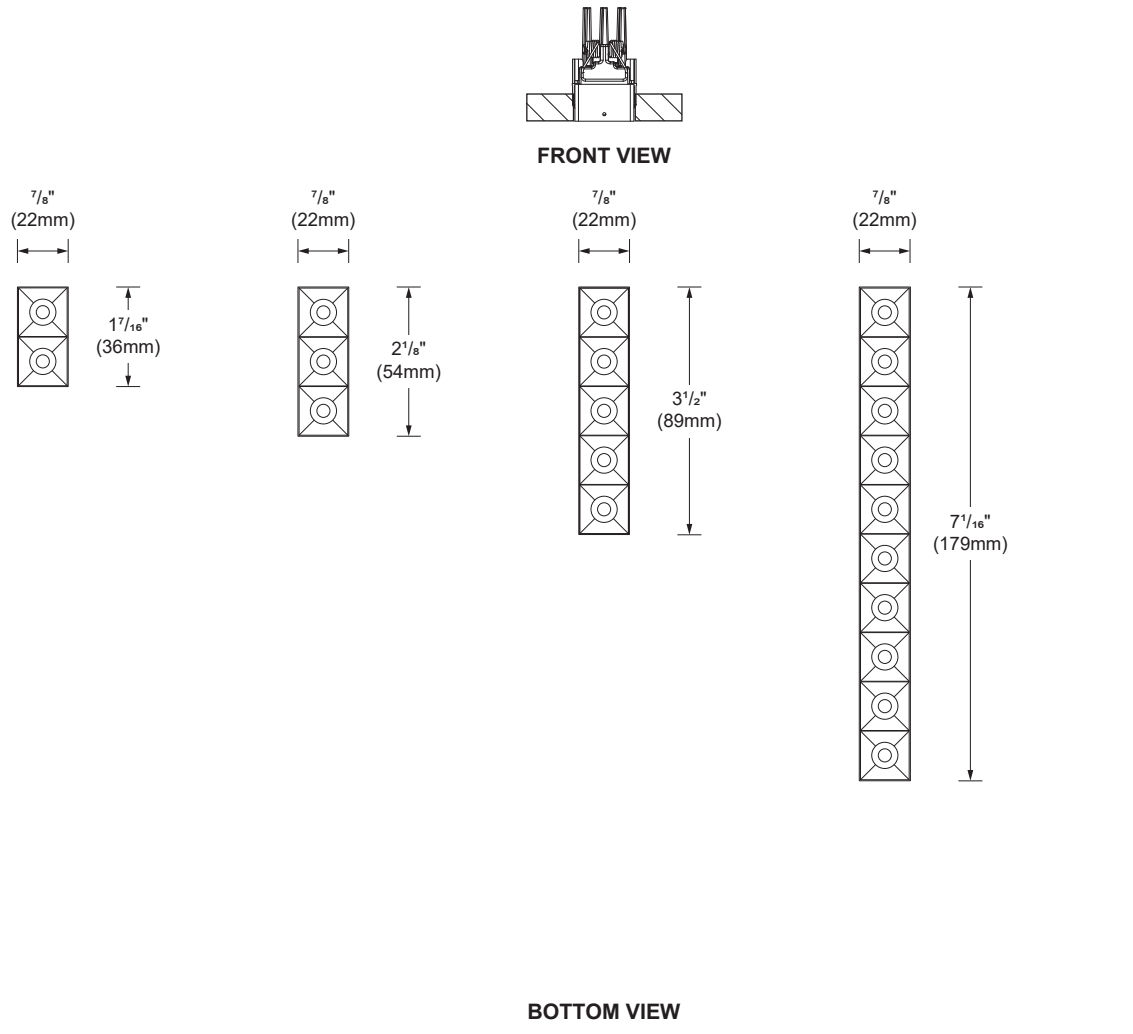
LBXS04



LBXS09



LBXS02 LBXS03 LBXS05 LBXS10 LBXS15



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

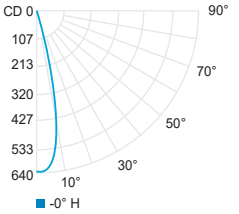
PHOTOMETRIC DATA

ILBXS01

CCT (K)*	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	2W	Medium 24°	136	68	632	ILBXS01-930-MD
			Flood 41°	144	72	302	ILBXS01-930-FL

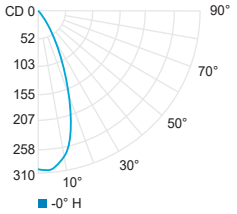
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	157	0.9
4ft	39.2	1.7
6ft	17.4	2.6
8ft	9.81	3.5
10ft	6.28	4.3
12ft	4.36	5.2

Flood 41° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	75.2	1.5
4ft	18.8	3.0
6ft	8.35	4.5
8ft	4.70	6.0
10ft	3.01	7.5
12ft	2.09	9.0

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1**	**1.23**

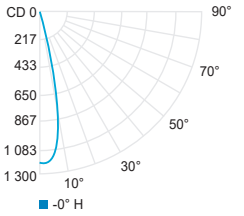
PHOTOMETRIC DATA

ILBXS02

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	3.9W	Medium 24°	273	70	1 265	ILBXS02-930-MD
			Flood 41°	288	73	605	ILBXS02-930-FL
			Wide flood 58°	298	76	380	ILBXS02-930-WF

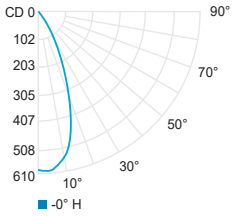
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



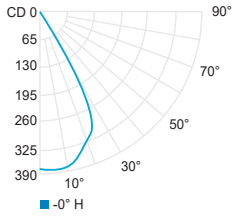
	Center beam fc	Beam width ft
2ft	314	0.9
4ft	78.4	1.8
6ft	34.9	2.7
8ft	19.6	3.5
10ft	12.6	4.4
12ft	8.72	5.3

Flood 41° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	150	1.5
4ft	37.6	3.0
6ft	16.7	4.5
8ft	9.40	6.0
10ft	6.01	7.5
12ft	4.18	9.0

Wide flood 58° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	94.1	2.2
4ft	23.5	4.4
6ft	10.5	6.6
8ft	5.88	8.8
10ft	3.76	11.0
12ft	2.61	13.2

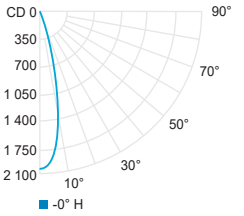
CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1**	**1.22**

ILBXS03

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	6W	Medium 24°	442	73	2 044	ILBXS03-930-MD
			Flood 41°	464	77	954	ILBXS03-930-FL
			Wide flood 58°	464	77	592	ILBXS03-930-WF

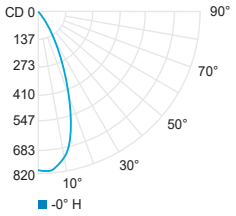
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



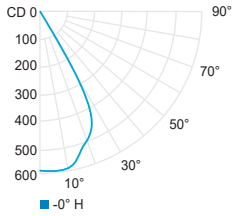
	Center beam fc	Beam width ft
2ft	511	0.9
4ft	128	1.8
6ft	56.8	2.7
8ft	31.9	3.5
10ft	20.4	4.4
12ft	14.2	5.3

Flood 41° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	202	1.5
4ft	50.6	3.0
6ft	22.5	4.6
8ft	12.6	6.1
10ft	8.10	7.6
12ft	5.62	9.1

Wide flood 58° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	146	2.2
4ft	36.6	4.4
6ft	16.3	6.6
8ft	9.14	8.8
10ft	5.85	11.0
12ft	4.06	13.2

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1**	**1.20**

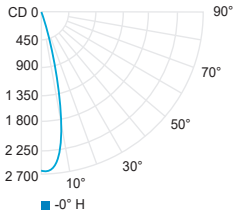
PHOTOMETRIC DATA

ILBXS04

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	7.9W	Medium 24°	562	71	2 601	ILBXS04-930-MD
			Flood 41°	592	74	1 244	ILBXS04-930-FL
			Wide flood 58°	614	77	782	ILBXS04-930-WF

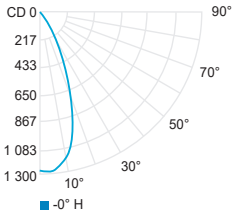
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



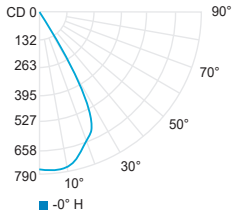
Center beam fc	Beam width ft
2ft 645	0.9
4ft 161	1.8
6ft 71.7	2.7
8ft 40.3	3.5
10ft 25.8	4.4
12ft 17.9	5.3

Flood 41° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft 309	1.5
4ft 77.3	3.0
6ft 34.3	4.6
8ft 19.3	6.1
10ft 12.4	7.6
12ft 8.587	9.1

Wide flood 58° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft 193	2.2
4ft 48.3	4.4
6ft 21.5	6.6
8ft 12.1	8.8
10ft 7.73	11.0
12ft 5.37	13.2

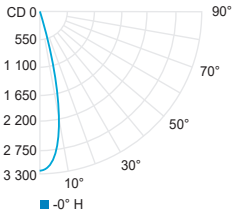
CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1**	**1.20**

ILBXS05

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	9.8W	Medium 24°	695	70	3 212	ILBXS05-930-MD
			Flood 41°	730	74	1 500	ILBXS05-930-FL
			Wide flood 58°	730	74	930	ILBXS05-930-WF

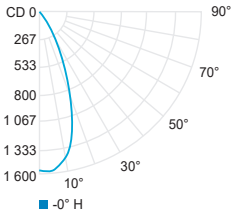
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



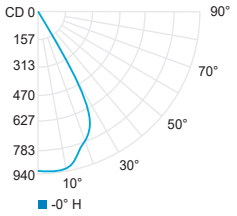
Center beam fc	Beam width ft
2ft 803	0.9
4ft 201	1.8
6ft 89.2	2.7
8ft 50.2	3.5
10ft 32.1	4.4
12ft 22.3	5.3

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

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

PHOTOMETRIC DATA

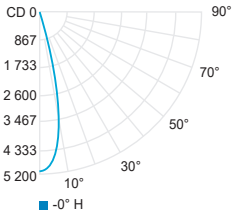
ILBXS09



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	15W	Medium 24°	1 106	73	5 100	ILBXS09-930-MD
			Flood 41°	1 162	77	2 387	ILBXS09-930-FL
			Wide flood 58°	1 161	77	1 481	ILBXS09-930-WF

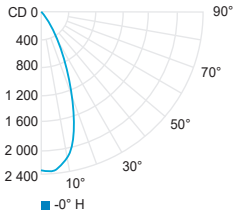
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



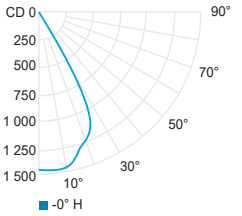
	Center beam fc	Beam width ft
2ft	1 278	0.9
4ft	319	1.8
6ft	142	2.7
8ft	79.8	3.5
10ft	51.1	4.4
12ft	35.5	5.3

Flood 41° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	590	1.5
4ft	148	3.0
6ft	65.6	4.6
8ft	36.9	6.1
10ft	23.6	7.6
12ft	16.4	9.1

Wide flood 58° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	366	2.2
4ft	91.4	4.4
6ft	40.6	6.6
8ft	22.9	8.8
10ft	14.6	11.0
12ft	10.2	13.2

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

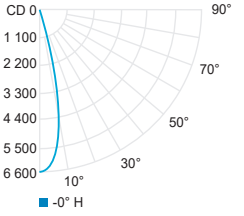
ILBXS10



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	20W	Medium 24°	1 422	71	6 570	ILBXS10-930-MD
			Flood 41°	1 494	74	3 068	ILBXS10-930-FL
			Wide flood 58°	1 494	74	1 904	ILBXS10-930-WF

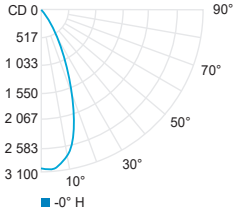
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



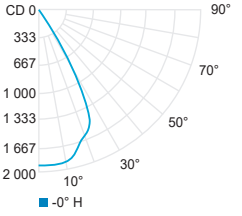
	Center beam fc	Beam width ft
2ft	1 643	0.9
4ft	411	1.8
6ft	183	2.7
8ft	103	3.5
10ft	5.7	4.4
12ft	45.6a	5.3

Flood 41° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	759	1.5
4ft	90	3.0
6ft	84.3	4.6
8ft	47.4	6.1
10ft	30.4	7.6
12ft	21.1	9.1

Wide flood 58° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	470	2.2
4ft	118	4.4
6ft	52.3	6.6
8ft	29.4	8.8
10ft	8.8	11.0
12ft	13.1	13.2

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

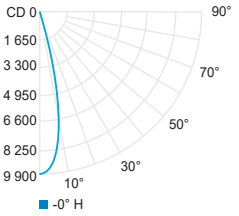
PHOTOMETRIC DATA

ILBXS15

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	30W	Medium 24°	2 133	71	9 855	ILBXS15-930-MD
			Flood 41°	2 241	74	4 603	ILBXS15-930-FL
			Wide flood 58°	2 241	74	2 856	ILBXS15-930-WF

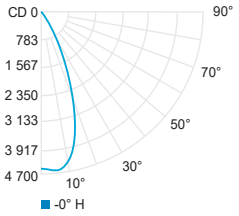
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



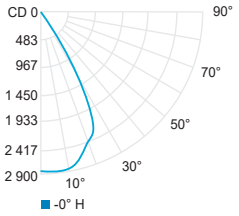
	Center beam fc	Beam width ft
2ft	2 464	0.9
4ft	616	1.8
6ft	274	2.7
8ft	154	3.5
10ft	98.6	4.4
12ft	68.4	5.3

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

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1**	**1.20**