

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: 0.15lbs (0.07kg) LBXS02: 0.24lbs (0.11kg) LBXS03: 0.33lbs (0.15kg) LBXS04: 0.24lbs (0.11kg) LBXS05: 1.06lbs (0.48kg) LBXS09: 0.66lbs (0.30kg) LBXS10: 1.21lbs (0.55kg) LBXS15: 1.94lbs (0.88kg)
Warranty:	5 year limited warranty.
Rating:	IP20
Certification:	cULus listed for damp location.



ORDERING INFO

ILBXS - **- REM -**
FIXTURE

- LBXS -
MOUNTING

MODEL

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> 01 - Single ⁽¹⁾⁽²⁾ | <input type="checkbox"/> 02 - Double ⁽²⁾ | <input type="checkbox"/> 03 - Triple ⁽³⁾ | <input type="checkbox"/> 04 - Four, square ⁽³⁾ |
| <input type="checkbox"/> 05 - Five ⁽³⁾ | <input type="checkbox"/> 09 - Nine, square ⁽³⁾ | <input type="checkbox"/> 10 - Ten ⁽³⁾ | <input type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> Black baffle | <input type="checkbox"/> 01 - White/Black | <input type="checkbox"/> 10 - Gray/Black | <input type="checkbox"/> 02 - Black/Black | <input type="checkbox"/> 02 - Black |
| <input checked="" type="checkbox"/> White baffle | <input type="checkbox"/> 31 - White/White | | | <input type="checkbox"/> 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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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⁾ <input type="checkbox"/>

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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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 <input type="checkbox"/>
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⁾ <input type="checkbox"/>

* Wattage requirement for one (1) fixture (Remote fixture only).

** Calculated for 16AWG cable. Contact customer service for longer remote distance.

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 $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-012-120-LTE <input type="checkbox"/>
3-4	32	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-032-120-LTE <input type="checkbox"/>
5	40	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	4445-0700-040-120-LTE <input type="checkbox"/>
4-5	35	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	5" x 4" x 3" (127 x 102 x 76mm)	30ft (9m)	4443-0700-035-UNV-D2 <input type="checkbox"/>
1-4	30	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-ED10 <input type="checkbox"/>
1-4	30	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-SD10 <input type="checkbox"/>
1-5	38	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-038-UNV-ED10 <input type="checkbox"/>
1-16 4 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0700-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>



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 <input type="checkbox"/>
1	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-012-120-LTE <input type="checkbox"/>
2-3	32	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-032-120-LTE <input type="checkbox"/>
4	40	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	4445-0700-040-120-LTE <input type="checkbox"/>
3	35	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	5" x 4" x 3" (127 x 102 x 76mm)	30ft (9m)	4443-0700-035-UNV-D2 <input type="checkbox"/>
1-3	30	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-ED10 <input type="checkbox"/>
1-3	30	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-SD10 <input type="checkbox"/>
1-4	38	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-038-UNV-ED10 <input type="checkbox"/>
1-12 3 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0700-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>

* Wattage requirement for one (1) fixture (Remote fixture only).

** Calculated for 16AWG cable. Contact customer service for longer remote distance.

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 $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-012-120-LTE <input type="checkbox"/>
2	32	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-032-120-LTE <input type="checkbox"/>
3	40	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	4445-0700-040-120-LTE <input type="checkbox"/>
3	35	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	5" x 4" x 3" (127 x 102 x 76mm)	30ft (9m)	4443-0700-035-UNV-D2 <input type="checkbox"/>
1-2	30	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-ED10 <input type="checkbox"/>
1-2	30	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-SD10 <input type="checkbox"/>
1-3	38	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-038-UNV-ED10 <input type="checkbox"/>
1-8 2 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0700-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>



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 $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0600-032-120-LTE <input type="checkbox"/>
1	30	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0600-030-UNV-ED10 <input type="checkbox"/>
1	30	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0600-030-UNV-SD10 <input type="checkbox"/>
1-4 1 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0600-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>

* Wattage requirement for one (1) fixture (Remote fixture only).

** Calculated for 16AWG cable. Contact customer service for longer remote distance.

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 $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	4444-0700-032-120-LTE <input type="checkbox"/>
1	30	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-ED10 <input type="checkbox"/>
1	30	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-030-UNV-SD10 <input type="checkbox"/>
1	38	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-038-UNV-ED10 <input type="checkbox"/>
1-4 1 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0700-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>

For LBXS15 • 30W* • 700mA



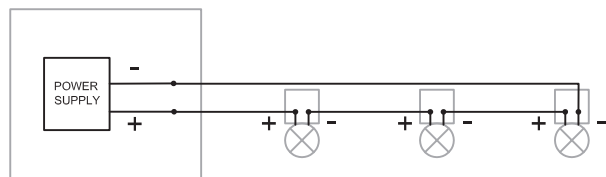
Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connexion box
1	40	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 6" x 3" (152 x 152 x 76mm)	30ft (9m)	4445-0700-040-120-LTE <input type="checkbox"/>
1	35	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	5" x 4" x 3" (127 x 102 x 76mm)	30ft (9m)	4443-0700-035-UNV-D2 <input type="checkbox"/>
1	38	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 101mm)	118ft (36m)	4450-0700-038-UNV-ED10 <input type="checkbox"/>
1-3 1 per channel	100	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	10" x 8" x 4" (254 x 203 x 101mm)	118ft (36m)	4448-0700-100-UNV-SD10 (4 channels)⁽¹⁾ <input type="checkbox"/>

* Wattage requirement for one (1) fixture (Remote fixture only).

** Calculated for 16AWG cable. Contact customer service for longer remote distance.

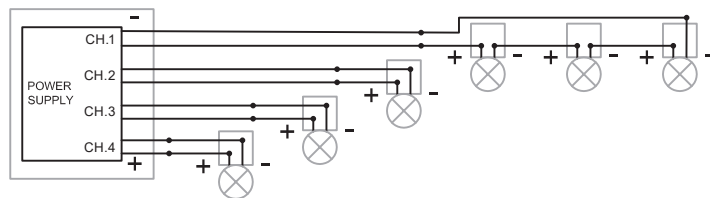
WIRING DIAGRAMS

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



⁽¹⁾ Luminaires must be connected on separate channels (1-4).

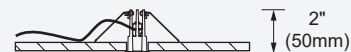
Multiple luminaires can be connected in series on a channel (home run or fixture chain). Do not exceed the wattage and voltage range on each channel.



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: 1/8" to 1 1/8" (3mm - 29mm)
Trimless: 5/8" (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-LBXS01TL-RF	1 1/8" x 1 1/8" (29 x 29mm)	
LBXS02	Trim		1" x 1 1/8" (24 x 42mm)	
	Trimless	TK-LBXS02TL-RF	1 1/8" x 1 1/8" (29 x 41mm)	

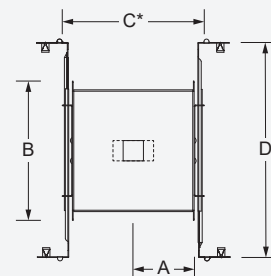
New construction with plaster frame (NC)

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: 1/8" to 1 1/8" (3mm - 29mm)
Trimless: 5/8" (16mm)

Total weight: TBC



*Provide a minimum of 1 1/8" (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)	6 7 / 8 " x 6" (174mm x 152mm)	9" to 15 1 / 4 " (229 to 387mm)	2" (50mm)
	BN-LBXS01TL-NC	1 1 / 8 " x 1 1 / 8 " (29 x 29mm)				
LBXS02	BN-LBXS02TR-NC	1" x 1 1 / 8 " (24 x 42mm)	2 1 / 2 " (64mm)	5 7 / 8 " x 6" (149mm x 152mm)		
	BN-LBXS02TL-NC	1 1 / 8 " x 1 1 / 8 " (29 x 42mm)				

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

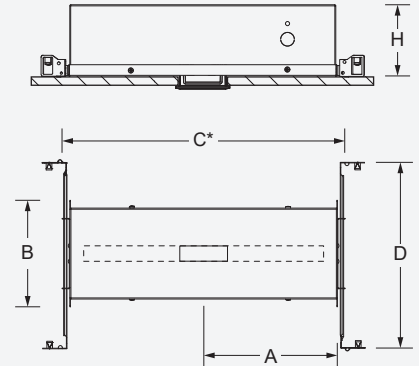
New construction with housing suitable for insulated ceiling (IC) or chicago plenum (CP)

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: 1/8" to 1 1/8" (3mm - 29mm)
Trimless: 5/8" (16mm)

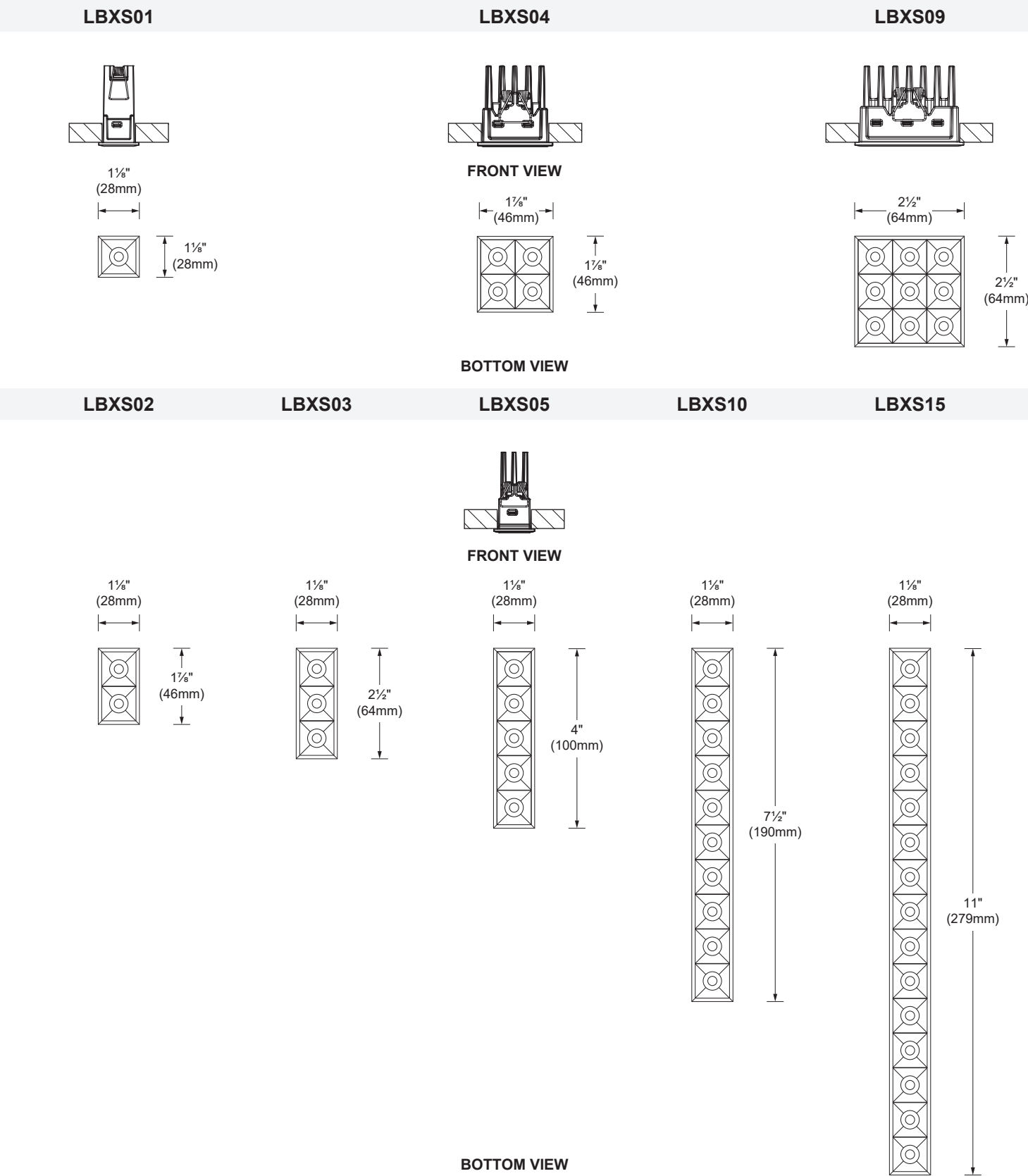
*Power supply is not accessible from luminaire opening.



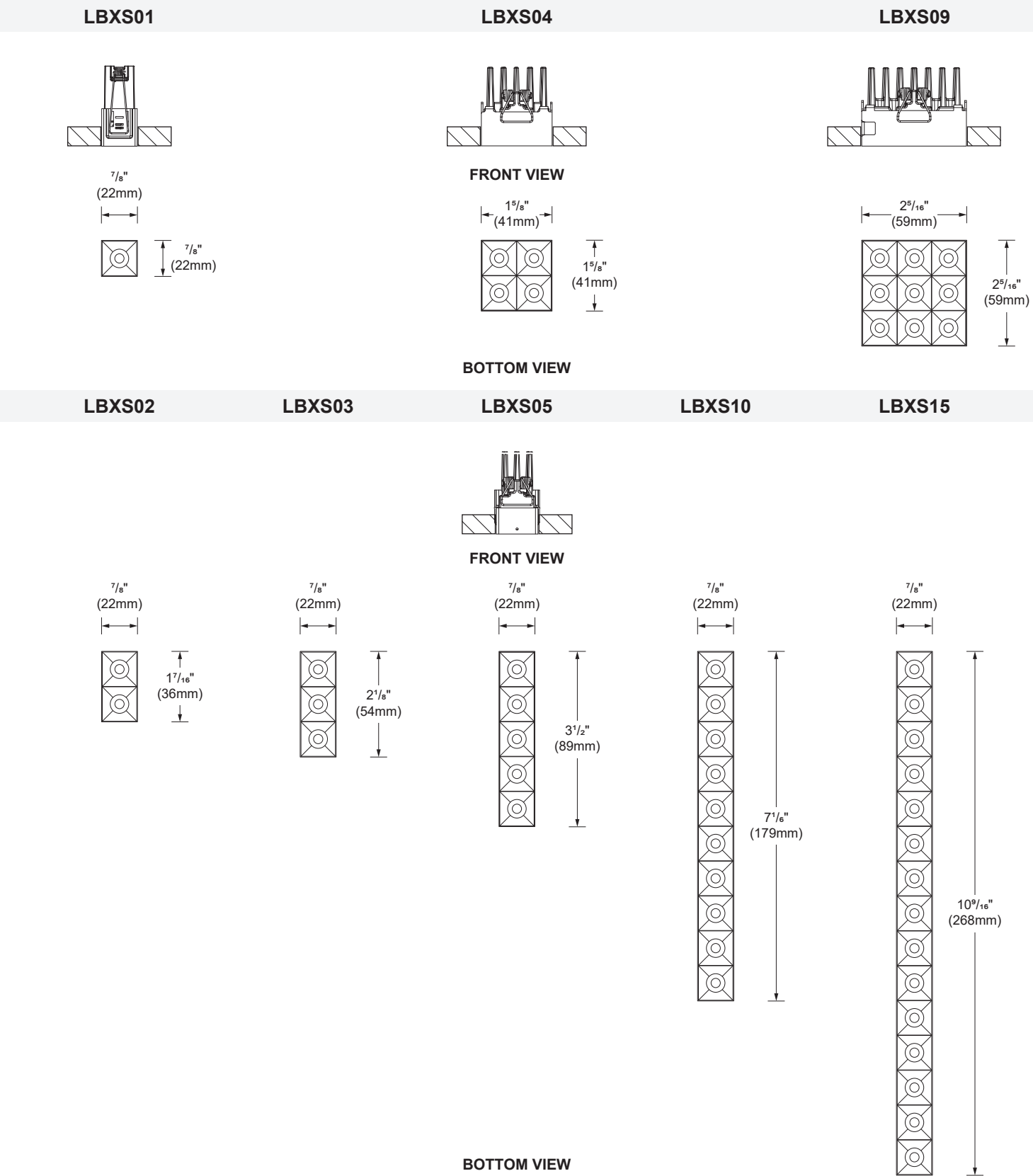
*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
LBXS03	BI-LBXS03TR-IC/CP	1" x 2 3/8" (24 x 60mm)	2 1/2" (64mm)	5 3/4" x 6" (145mm x 152mm)		3 1/4" (80mm)
	BI-LBXS03TL-IC/CP	1 1/8" x 2 3/8" (29 x 60mm)				
LBXS04	BI-LBXS04TR-IC/CP	1 5/8" x 1 5/8" (42 x 42mm)	5" (129mm)	5 3/4" x 10 1/8" (145mm x 257mm)	9" to 15 1/4" (229 to 387mm)	4 5/8" (116mm)
	BI-LBXS04TL-IC/CP	1 7/8" x 1 1/8" (48 x 48mm)				
LBXS05	BI-LBXS05TR-IC/CP	1" x 3 3/4" (24 x 95mm)	5" (125mm)	9 3/8" x 9 7/8" (238mm x 253mm)		
	BI-LBXS05TL-IC/CP	1 1/8" x 3 3/4" (29 x 95mm)				
LBXS09	BI-LBXS09TR-IC/CP	2 3/8" x 2 3/8" (60 x 60mm)	8 3/8" (213mm)	6 3/4" x 17" (171mm x 434mm)	14 1/4" to 26" (362 to 660mm)	6" (150mm)
	BI-LBXS09TL-IC/CP	2 5/8" x 2 5/8" (67 x 67mm)				
LBXS10	BI-LBXS10TR-IC/CP	1" x 7 3/8" (24 x 186mm)	10" (250mm)	13 7/8" x 19 3/4" (353mm x 502mm)		
	BI-LBXS10TL-IC/CP	1 1/8" x 7 1/4" (29 x 184mm)				
LBXS15	BI-LBXS15TR-IC/CP	1" x 10 5/8" (24 x 276mm)				
	BI-LBXS15TL-IC/CP	1 1/8" x 10 3/4" (29 x 274mm)				

TRIM MODELS DIMENSIONS



TRIMLESS MODELS DIMENSIONS



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

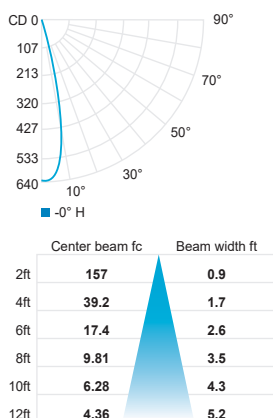
ILBXS01



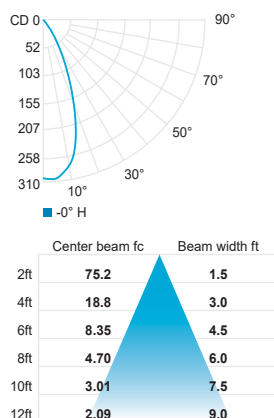
CCT (K)*	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	2W	Medium 24°	136	68	632	ILBXS01-930-MD
			Flood 41°	144	72	302	ILBXS01-930-FL

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)



Flood 41° (3000K, 90CRI)



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

PHOTOMETRIC DATA

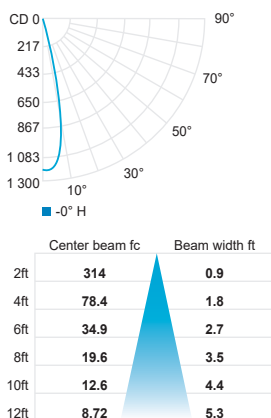
ILBXS02



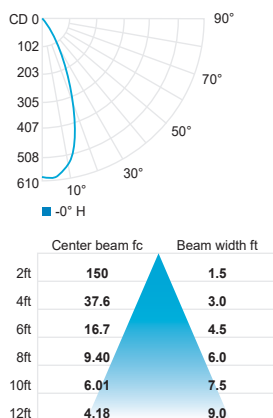
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	3.9W	Medium 24°	273	70	1 265	ILBXS02-930-MD
			Flood 41°	288	73	605	ILBXS02-930-FL
			Wide flood 58°	298	76	380	ILBXS02-930-WF

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.

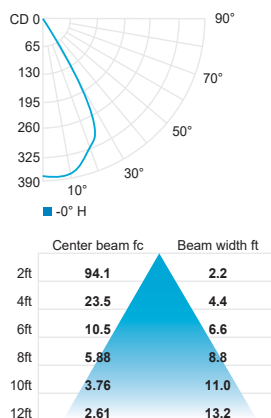
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

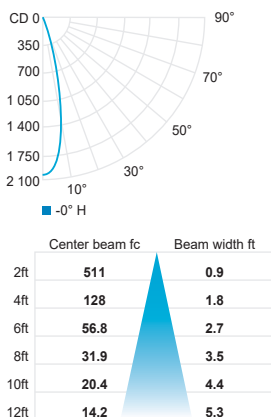
ILBXS03



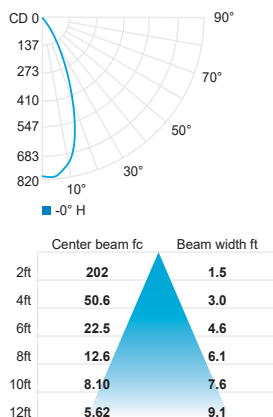
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	6W	Medium 24°	442	73	2 044	ILBXS03-930-MD
			Flood 41°	464	77	954	ILBXS03-930-FL
			Wide flood 58°	464	77	592	ILBXS03-930-WF

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.

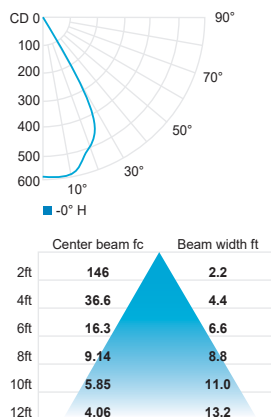
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

PHOTOMETRIC DATA

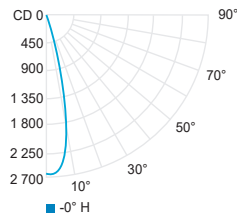
ILBXS04



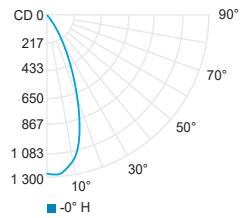
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	7.9W	Medium 24°	562	71	2 601	ILBXS04-930-MD
			Flood 41°	592	74	1 244	ILBXS04-930-FL
			Wide flood 58°	614	77	782	ILBXS04-930-WF

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.

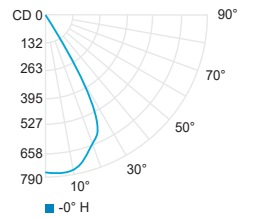
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

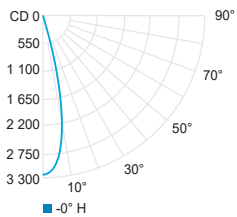
ILBXS05



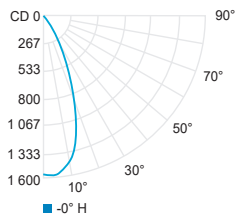
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	9.8W	Medium 24°	695	70	3 212	ILBXS05-930-MD
			Flood 41°	730	74	1 500	ILBXS05-930-FL
			Wide flood 58°	730	74	930	ILBXS05-930-WF

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.

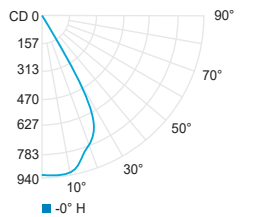
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

PHOTOMETRIC DATA

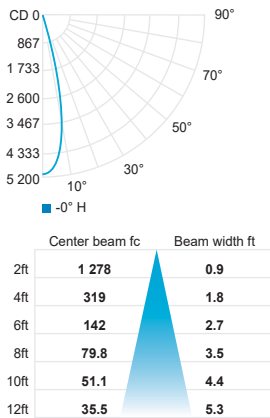
ILBXS09



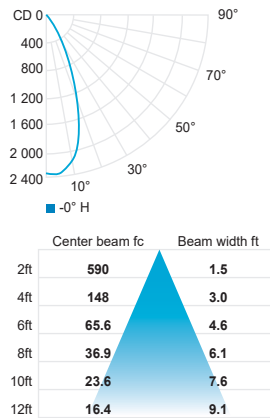
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	15W	Medium 24°	1 106	73	5 100	ILBXS09-930-MD
			Flood 41°	1 162	77	2 387	ILBXS09-930-FL
			Wide flood 58°	1 161	77	1 481	ILBXS09-930-WF

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.

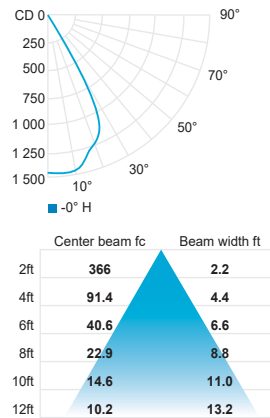
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

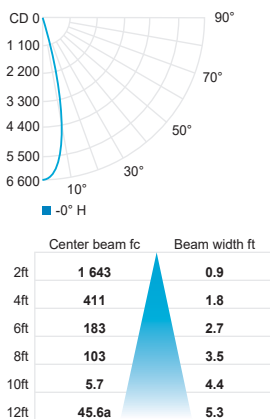
ILBXS10



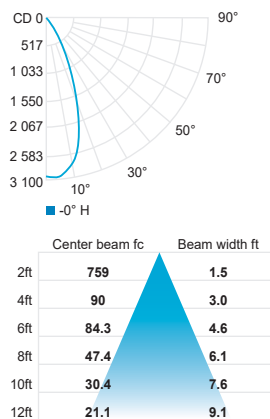
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	20W	Medium 24°	1 422	71	6 570	ILBXS10-930-MD
			Flood 41°	1 494	74	3 068	ILBXS10-930-FL
			Wide flood 58°	1 494	74	1 904	ILBXS10-930-WF

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.

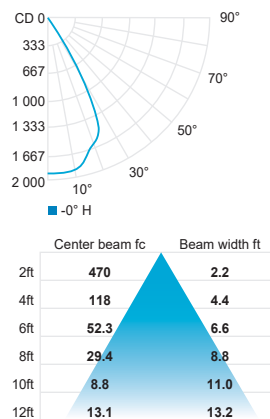
Medium 24° (3000K, 90CRI)



Flood 41° (3000K, 90CRI)



Wide flood 58° (3000K, 90CRI)



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

PHOTOMETRIC DATA

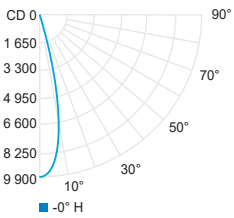
ILBXS15



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

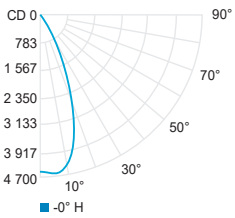
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

Medium 24° (3000K, 90CRI)



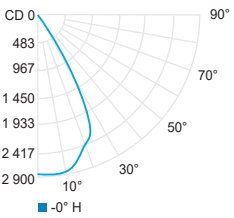
	Center beam fc	Beam width ft
2ft	2 464	0.9
4ft	616	1.8
6ft	274	2.7
8ft	154	3.5
10ft	98.6	4.4
12ft	68.4	5.3

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