

X-Beam Suspended

Direct / Indirect

Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 200'
- Light levels can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 130 lm/W
- Consult factory for TM21, TM30, LM79 and LM80



Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 2.7" x 4.0"
- Nominal thickness: 0.075"

Finish

- Colors: White or Black Powder Coat or Clear Anodize
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/16" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.080" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Ring wave surge protection: 2.5KV ring
- Power factor: >0.90

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0-10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.



Ordering Logic

XBEAMDI-40-500-750-WD-BW-35K-90-PW-ACW10-U-1C-1EMB10

Series	Length	Direct Output ¹	Indirect Output ¹	Direct Distribution	Indirect Distribution
XBEAMDI					

XX - Run Length	250 - 250 LPF	250 - 250 LPF	SD - SatinIce Diffuse	CL - Clear Lens
SXX - Symmetrical Run Length	500 - 500 LPF	500 - 500 LPF	WD - Wide Diffuse	BW - Batwing
	750 - 750 LPF	750 - 750 LPF		ID - Indirect Diffuse
	1000 - 1000 LPF	1000 - 1000 LPF		
	XXX - Custom LPF	XXX - Custom LPF		

CCT	CRI	Finish ³	Mounting	Voltage

27K - 2700K	80 - 80 CRI	Standard Powder Coat	Cables w/ Canopy Kits	Cables w/ Loops	U - 120-277V
30K - 3000K	90 - 90 CRI (R9 50 min)	PW - White	ACW05 - 5' White Cord	ALW10 - 10' White Cord	C - 347V
35K - 3500K		PB - Black	ACW10 - 10' White Cord	ALB10 - 10' Black Cord	
40K - 4000K		PS - Silver	ACB05 - 5' Black Cord	Stem w/ Canopy Kits	
50K - 5000K		Premium	ACB10 - 10' Black Cord	STEMWXX - XX" White Stem	
TW - Tunable White ² (2700K-6500K)		RALXXXX - Powder Coat Gloss Finish		STEMBXX - XX" Black Stem	
		PSFX - Premium Stock Finish			
		Custom Powder Coat			
		PO - Powder Other			

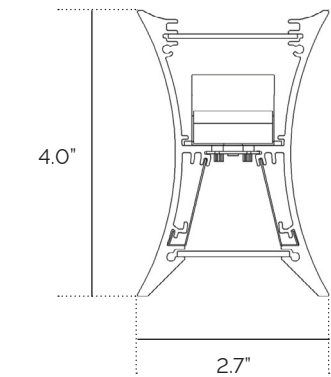
Circuiting	Emergency	Options

1C - Single Circuit	BLANK - None	Specialty Drivers¹⁴	Sensors
2C - Separate D/I Circuits ⁴	EC - Emergency Circuit ⁹	DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	DMXX% - Daylight/Motion Sensor (XX%=% Min. Dimming)
MC - Multiple Circuits ^{5, 6}	#EMB6 - 6W EM Battery ^{10, 11}	DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	VDO - Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)
DL - Daylight Control ^{5, 7}	#EMB10 - 10W EM Battery ^{10, 11}	PSRD - Philips Sensor Ready (DALI) Driver	AWNRR - Lutron Athena Wireless Node (RF Only) ¹⁸
NL - Night Lights ^{5, 8}	#FCEMB10 - 10W EM Battery ^{10, 12}	LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	AWNS - Lutron Athena Wireless Node w/ Sensor ¹⁸
	#FCEMB14 - 14W EM Battery ^{10, 12}	TW-A - Tunable White, 0-10V ¹⁵	NLA - Acuity nLight Air ¹⁷
	#GTD - Generator Transfer Device w/ ALCR ¹³	TW-EL - eldoLED DUALdrive Tunable White (DALI) ¹⁵	NLW - Acuity nLight Wired ¹⁷
		LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming ¹⁹	WVL - Cooper Wavelinx ¹⁷
		HD-XX - HyperDrive Remote Driver ¹⁷	

Ordering Notes

- 200 LPF min. output / 1500 LPF max. output.
- Tunable White Driver must be specified in options.
- See page 3 for standard and premium options.
- Separate D/I switched power and dimming (shared neutral).
- Customer to specify number of zones and locations through factory submittal drawings.
- Multiple low and line control zones.
- Multiple low voltage control zones for daylight control.
- Multiple unswitched wires for night light control zones.
- Separate power, transfer devices provided by others.
- '#' indicates number per run.
- Provided by Iota/Bodine.
- EM battery is factory choice.
- [Iota EDS-DR Emergency Control Device](#)
- Standard driver is 0-10V, dim to 1% output current.
- 75 Watt Max. Dual driver required for higher fixture wattage.
- 50 Watt Max. Dual driver required for higher fixture wattage.
- Consult factory.
- Athena sensor matches finish for white and black fixtures.

Dimensions



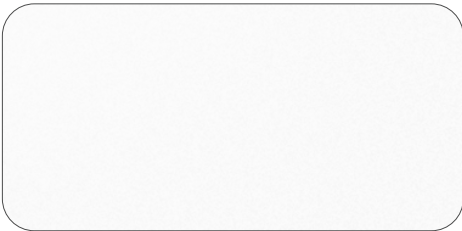
Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	3025	26	117
8'	6050	49	123

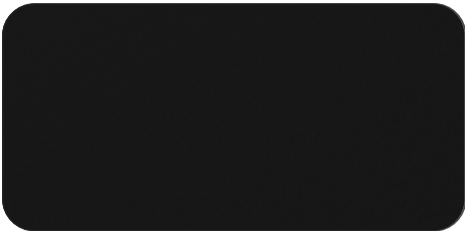
NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White

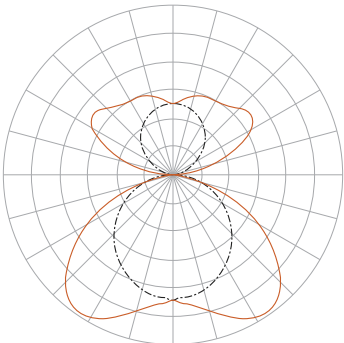
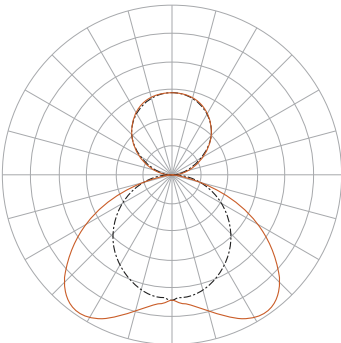
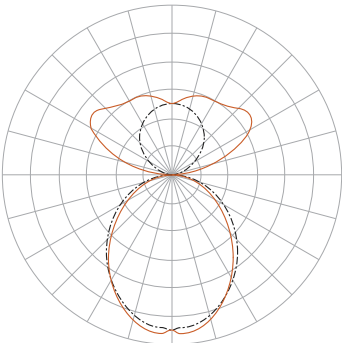
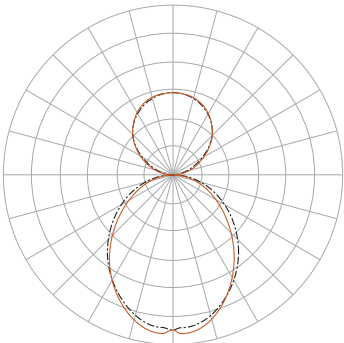


PB: Black



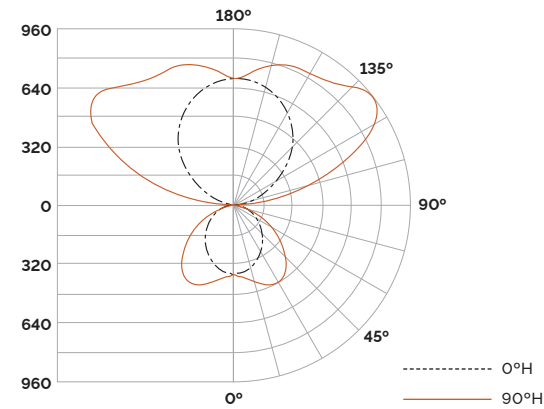
CA: Clear Anodize

Distribution



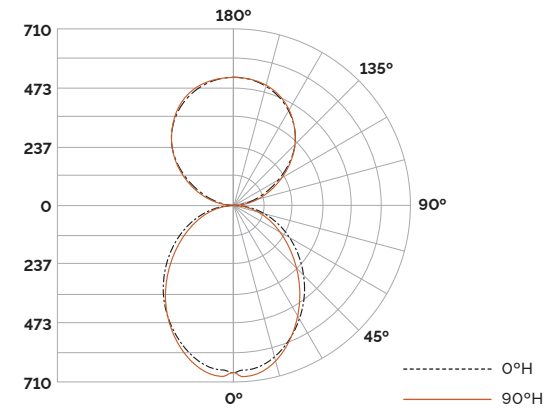
Performance

XBEAMDI-X-325-750-WD-BW (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4300	39	109
	8'	8600	75	114
3500K	4'	4300	38	113
	8'	8600	73	118
4000K	4'	4300	37	116
	8'	8600	71	121
5000K	4'	4300	36	119
	8'	8600	69	124

XBEAMDI-X-400-375-SD-CL (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3025	27	112
	8'	6050	51	118
3500K	4'	3025	26	117
	8'	6050	49	123
4000K	4'	3025	25	121
	8'	6050	48	127
5000K	4'	3025	24	124
	8'	6050	47	130

Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

SXX (Symmetric Run)

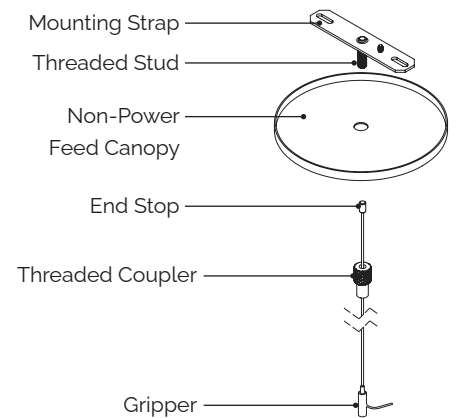
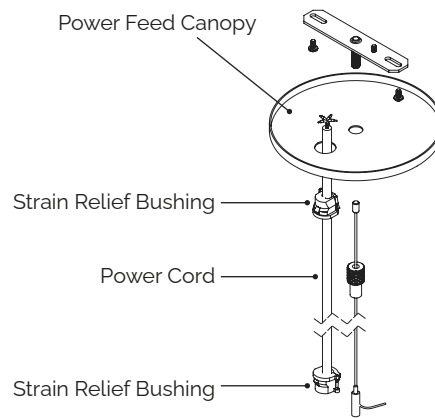
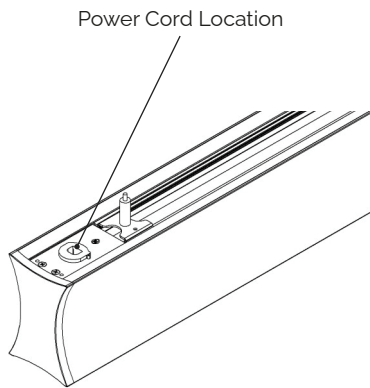
The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

S12' (2')	2'	2'	2'	2'	2'	2'
S12' (3')	3'	3'	3'	3'		
S12' (4')	4'	4'	4'			
S12' (6')	6'	6'				

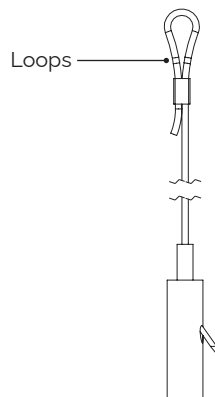
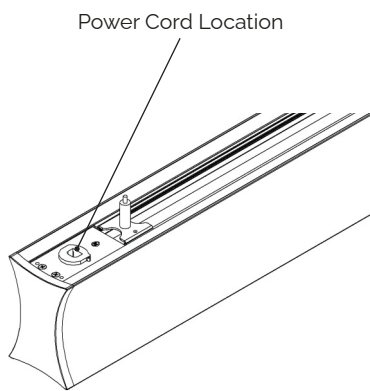
Mounting

ACXXX (Aircraft Cable with Canopy)

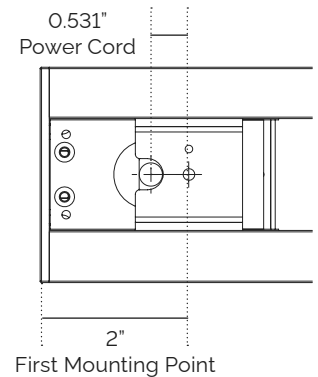
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)



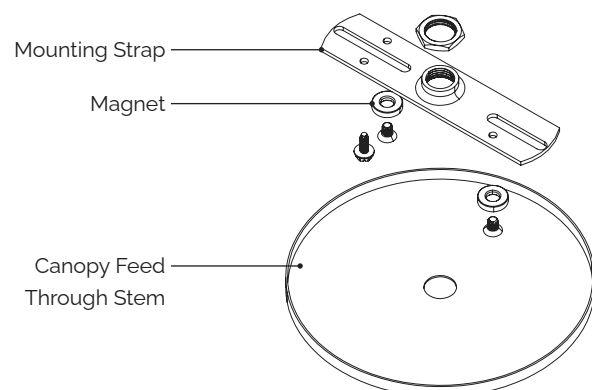
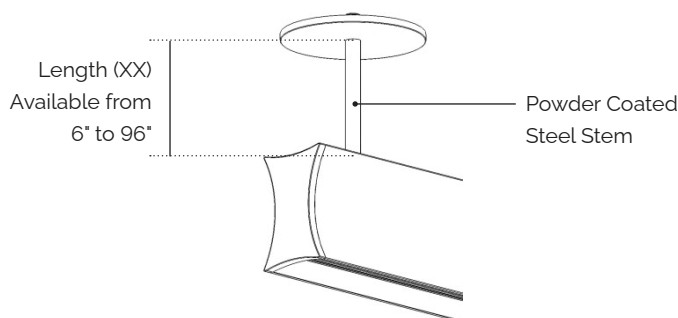
ALXXX (Aircraft Cable with Loops)



Power Cord & First Mount Details



STEMWXX, STEMBXX (Stem Mount)



Mounting Locations

Each starter or individual fixture will be provided with (2) mounting supports (●). Each additional fixture will be provided with (1) support which can be located anywhere along the second half of the fixture (highlighted below):

Examples of continuous run mounting locations are as follows:

12' Run	●	8'	●	4'		
16' Run	●	8'	●	8'		
20' Run	●	8'	●	8'	4'	
24' Run	●	8'	●	8'	8'	
28' Run	●	8'	●	8'	8'	4'

Controls

Wireless Node

