

X-Beam Suspended Direct

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 125 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

XBEAMD-40-750-WD-35K-80-PW-ACW10-U-1C-1EMB10

Series	Length	Direct Output ¹	Direct Distribution	CCT	CRI
XBEAMD					
	XX - Run Length	250 - 250 LPF	SD - SatinIce Diffuse	27K - 2700K	80 - 80 CRI
	SXX - Symmetrical Run Length	500 - 500 LPF	WD - Wide Diffuse	30K - 3000K	90 - 90 CRI (R9 50 min)
		750 - 750 LPF		35K - 3500K	
		1000 - 1000 LPF		40K - 4000K	
	XXX - Custom LPF			50K - 5000K	
				TW - Tunable White ² (2700K-6500K)	
Finish ³	Mounting		Voltage	Circuiting	Emergency
Standard Powder Coat	Cables w/ Canopy Kits	Cables w/ Loops	U - 120-277V	1C - Single Circuit	BLANK - None
PW - White	ACW05 - 5' White Cord	ALW10 - 10' White Cord	C - 347V	MC - Multiple Circuits ^{4,5}	EC - Emergency Circuit ⁸
PB - Black	ACW10 - 10' White Cord	ALB10 - 10' Black Cord		DL - Daylight Control ^{4,6}	#EMB6 - 6W EM Battery ^{9,10}
CA - Clear Anodize	ACB05 - 5' Black Cord	Stem w/ Canopy Kits		NL - Night Lights ^{4,7}	#EMB10 - 10W EM Battery ^{9,10}
Premium	ACB10 - 10' Black Cord	STEMWXX - XX" White Stem			#FCEMB10 - 10W EM Battery ^{9,11}
RALXXXX - Powder Coat Gloss Finish		STEMBXX - XX" Black Stem			#FCEMB14 - 14W EM Battery ^{9,11}
Custom Powder Coat					#GTD - Generator Transfer Device w/ ALCR ¹²
PO - Powder Other					

Options

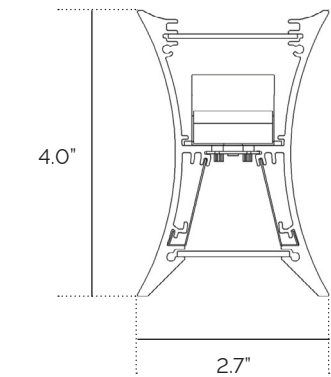
Specialty Drivers ¹³	Sensors
DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	AWNRR - Lutron Athena Wireless Node (RF Only) ¹⁷
DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	AWNS - Lutron Athena Wireless Node w/ Sensor ¹⁷
PSRD - Philips Sensor Ready (DALI) Driver	
LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	
TW-A - Tunable White, 0-10V ¹⁴	
TW-EL - eldoLED DUALdrive Tunable White (DALI) ¹⁴	
LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming ¹⁵	
HD-XX - HyperDrive Remote Driver ¹⁶	

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.
- 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



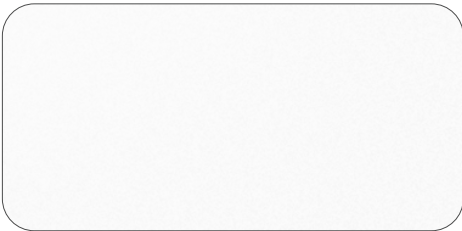
Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	3000	26	114
8'	6000	51	117

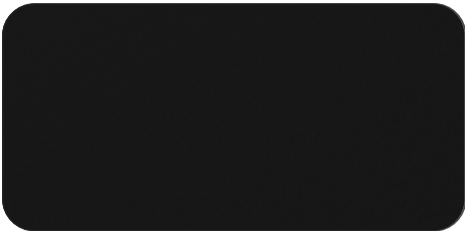
NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White

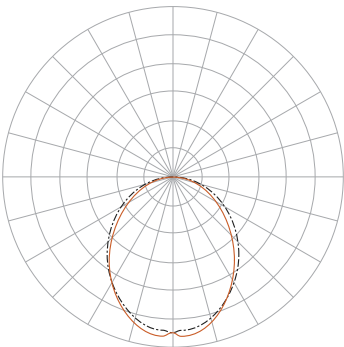


PB: Black

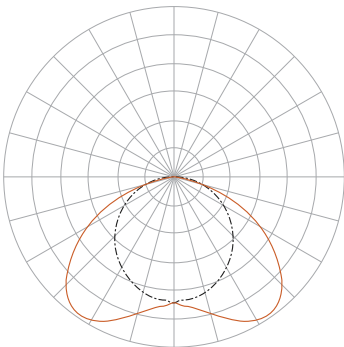


CA: Clear Anodize

Distribution



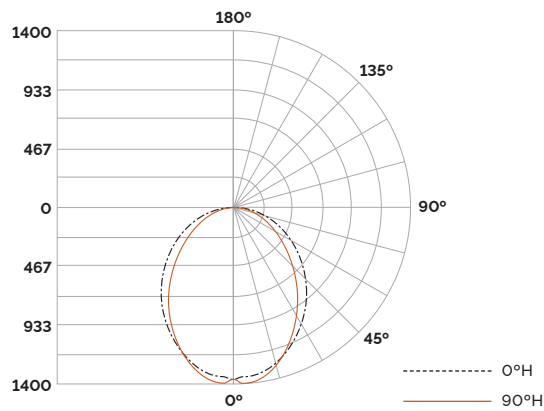
Direct: SatinIce Diffuse (SD)



Direct: Wide Diffuse (WD)

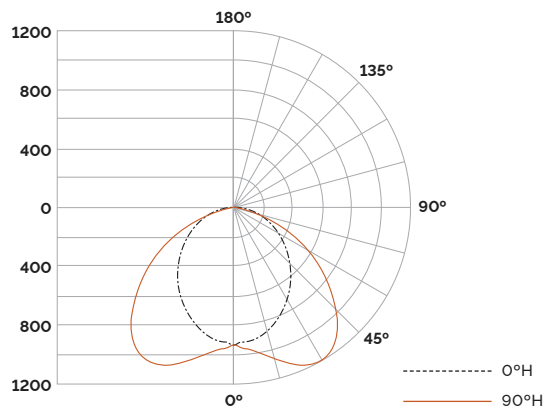
Performance

XBEAMD-X-750-SD (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	27	110
	8'	6000	53	114
3500K	4'	3000	26	114
	8'	6000	51	117
4000K	4'	3000	26	117
	8'	6000	50	120
5000K	4'	3000	25	122
	8'	6000	48	125

XBEAMD-X-750-WD (80+ CRI)



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	8'	6000	50	120
5000K	4'	3000	25	122
	8'	6000	48	125

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)

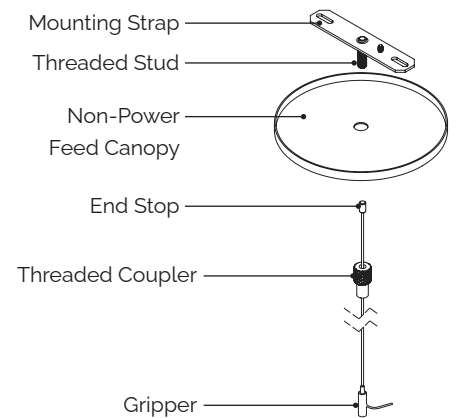
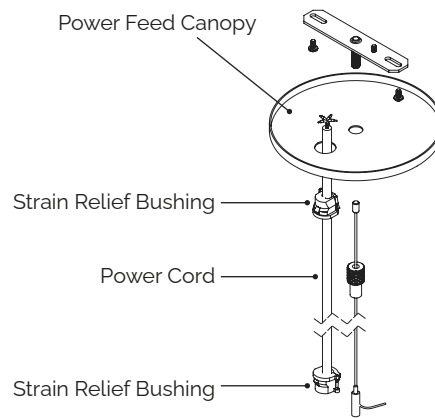
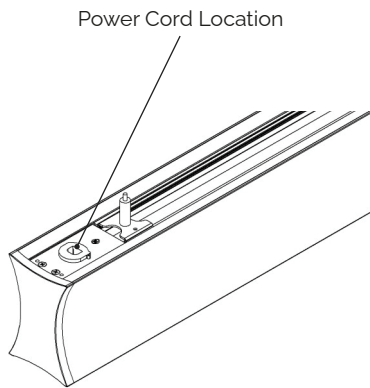
The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

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

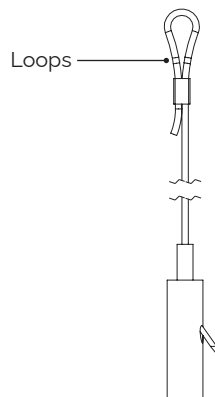
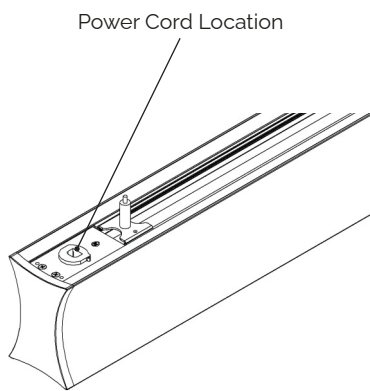
Mounting

ACXXX (Aircraft Cable with Canopy)

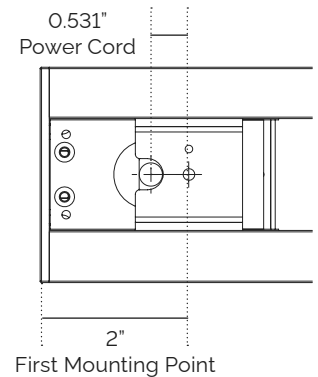
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)



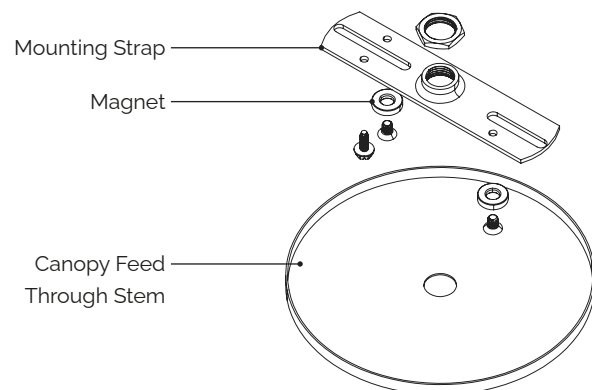
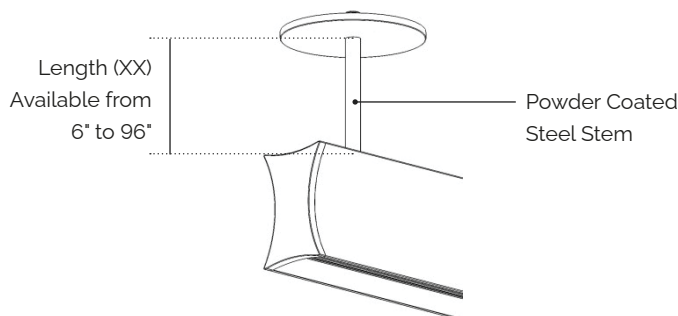
ALXXX (Aircraft Cable with Loops)



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

