STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Beam Shape 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 140 lm/W
- Consult factory for TM21, TM30, LM79 and LM80

5 Year Warranty · BABA Compliant · BAA Compliant · Intertek · DLC LISTED · RoHS Compliant · Declare.

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: 3.5" x 3.5"
- Nominal thickness: 0.075"

Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- 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
- DLC 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.

The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

Ordering Logic

BEAMD-4X6RECT-750-SD-35K-80-PW-ACW10-U-1C-1EMB10

Series	Length[1]	Direct Output[2]	Direct Distribution	CCT	CRI
BEAMD					
	_X_RECT - Rectangle	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**27K -** 2700K	**80 -** 80 CRI
	_X_L - L-Shape	**500 -** 500 LPF	**WD -** Wide Diffuse	**30K -** 3000K	**90 -** 90 CRI (R9 50 min)
	_X_X_U - U-Shape	**750 -** 750 LPF	**WW -** Wall Wash	**35K -** 3500K	
		1000 - 1000 LPF	**Drop Lens w/ Lit Ends[3]**	**40K -** 4000K	
		XXX - Custom LPF	**DLE05 -** 0.5"	**50K -** 5000K	
			DLE10 - 1.0"	**TW -** Tunable White[4] (2700K-6500K)	
			DLE15 - 1.5"		

Finish[5]	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[6, 7]	**EC -** Emergency Circuit[10]
PB - Black	**ACW10 -** 10' White Cord	**ALB10 -** 10' Black Cord		**DL -** Daylight Control[6, 8]	**#EMB6 -** 6W EM Battery[11, 12]
PS - Silver	**ACB05 -** 5' Black Cord	**Stem w/ Canopy Kits**		**NL -** Night Lights[6, 9]	**#EMB10 -** 10W EM Battery[11, 12]
Premium	**ACB10 -** 10' Black Cord	**STEMWXX -** XX" White Stem			**#FCEMB10 -** 10W EM Battery[11, 13]
RALXXXX - Powder Coat Gloss Finish		**STEMBXX -** XX" Black Stem			**#FCEMB14 -** 14W EM Battery[11, 13]
PSFX - Premium Stock Finish					**#GTD -** Generator Transfer Device w/ ALCR[14]
Custom Powder Coat					
PO - Powder Other					

Options

Specialty Drivers[15]	Sensors
DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)
DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	**VDO -** Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)
PSRD - Philips Sensor Ready (DALI) Driver	**AWNR -** Lutron Athena Wireless Node (RF Only)[19]
LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**AWNS -** Lutron Athena Wireless Node w/ Sensor[19]
TW-A - Tunable White, 0-10V[16]	**NLA -** Acuity nLight Air[18]
TW-EL - eldoLED DUALdrive Tunable White (DALI)[16]	**NLW -** Acuity nLight Wired[18]
LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[17]	**WVL -** Cooper Wavelinx[18]
HD-XX - HyperDrive Remote Driver[18]	**End Caps[20]**
	RD - Round End Cap

Ordering Notes

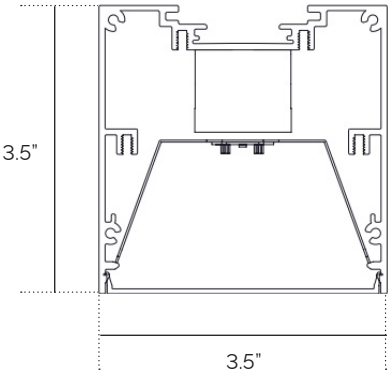
1. Replace underscore (_) with fixture leg length. See page 7.
2. 200 LPF min. output / 1500 LPF max. output.
3. Seamless continuous lens unavailable for Drop Lens options.
4. Tunable White Driver must be specified in options.
5. See page 3 for standard and premium options.
6. Customer to specify number of zones and locations through factory submittal drawings.
7. Multiple low and line control zones.
8. Multiple low voltage control zones for daylight control.
9. Multiple unswitched wires for night light control zones.
10. Separate power, transfer devices provided by others.
11. '#' indicates number per run.
12. Provided by Iota/Bodine.
13. EM battery is factory choice.
14. Iota EDS-DR Emergency Control Device
15. Standard driver is 0-10V, dim to 1% output current.
16. 75 Watt Max. Dual driver required for higher fixture wattage.
17. 50 Watt Max. Dual driver required for higher fixture wattage.
18. Consult factory.
19. Athena sensor matches finish for white and black fixtures.
20. Not available with Drop Lens options.

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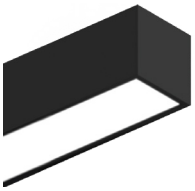
Beam Shape Suspended

Direct

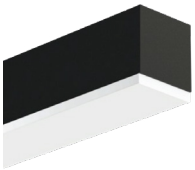
Dimensions



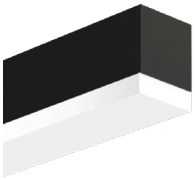
Diffusing



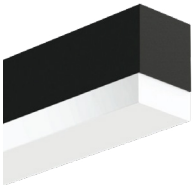
Flush
3.5" Height



DLE05
4.0" Height



DLE10
4.5" Height



DLE15
5.0" Height

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



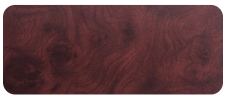
PSF001: Wood 1



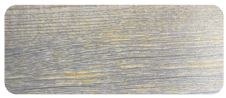
PSF002: Wood 2



PSF003: Wood 3



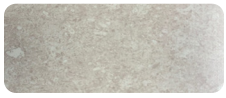
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

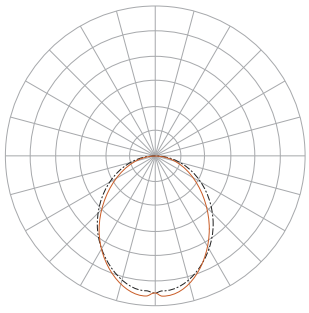


PSF009: Stone 3

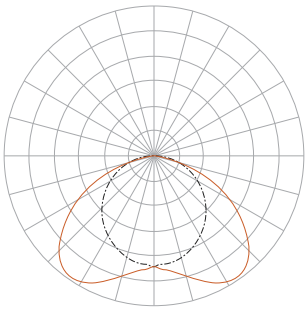
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

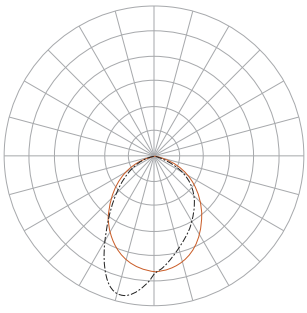
Distribution



Direct: SatinIce Diffuse (SD)



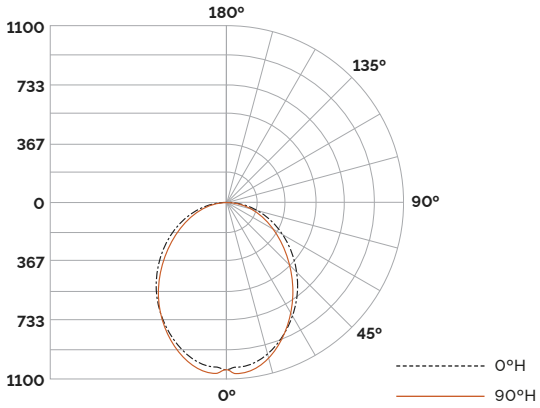
Direct: Wide Diffuse (WD)



Direct: Wall Wash (WW)

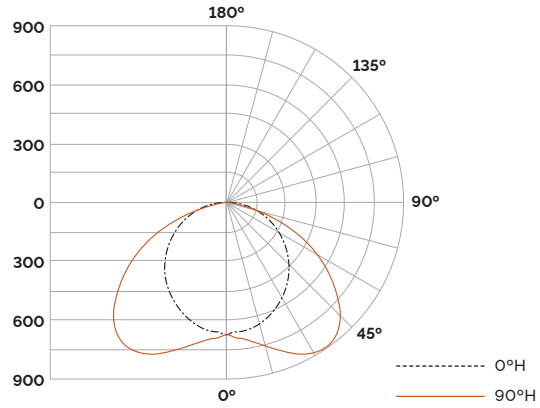
Performance

BEAMD-4-625-SD-35K (80+ CRI)



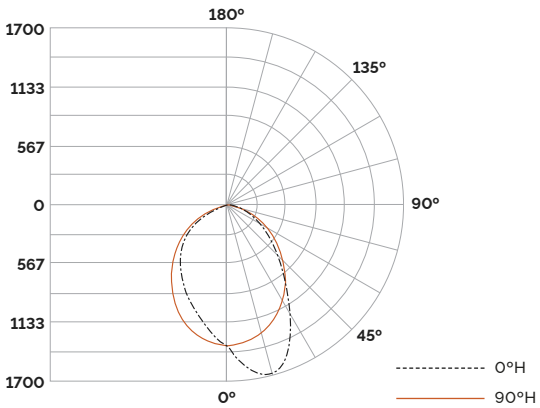
CCT	Length	Lumens	Wattage	LPW
3000K	4'	2500	20	123
	8'	5000	39	128
3500K	4'	2500	20	128
	8'	5000	37	133
4000K	4'	2500	19	131
	8'	5000	37	136
5000K	4'	2500	19	135
	8'	5000	36	140

BEAMD-4-625-WD-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	2500	21	117
	8'	5000	41	122
3500K	4'	2500	21	120
	8'	5000	40	125
4000K	4'	2500	20	123
	8'	5000	39	128
5000K	4'	2500	19	130
	8'	5000	37	135

BEAMD-4-625-WW-35K (80+ CRI)



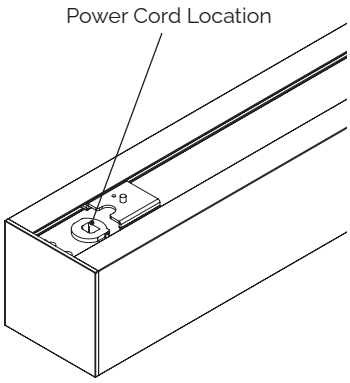
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	8'	5000	39	128
5000K	4'	2500	19	130
	8'	5000	37	135

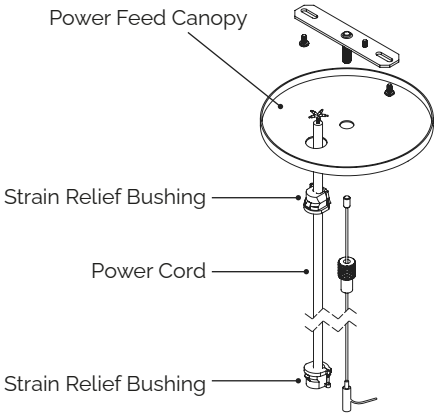
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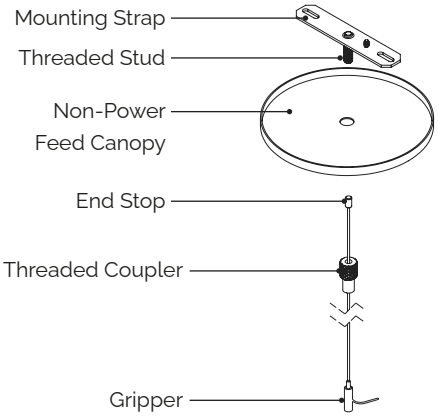
Mounting

ACXXX (Aircraft Cable with Canopy)

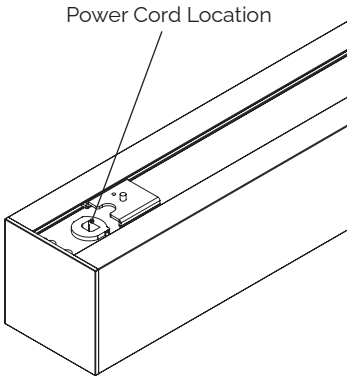
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

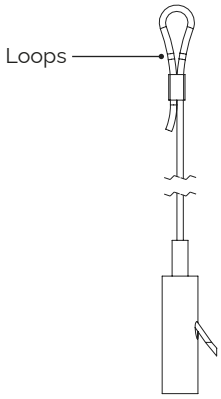




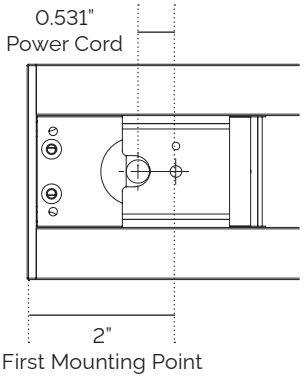


ALXXX (Aircraft Cable with Loops)

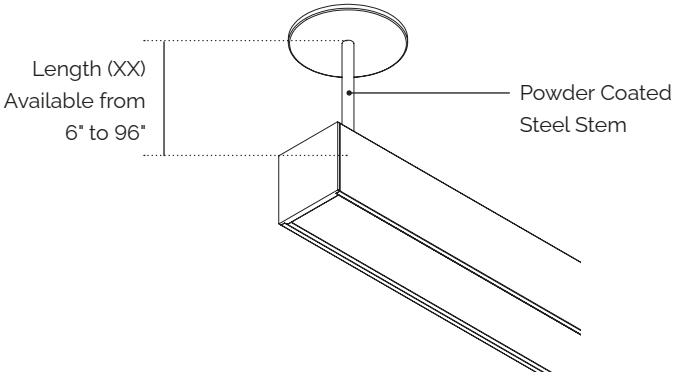


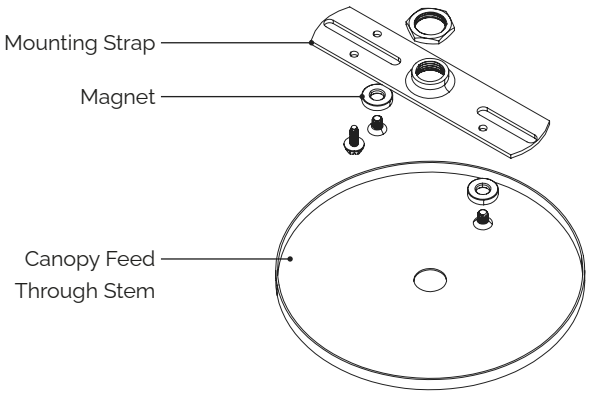


Power Cord & First Mount Details



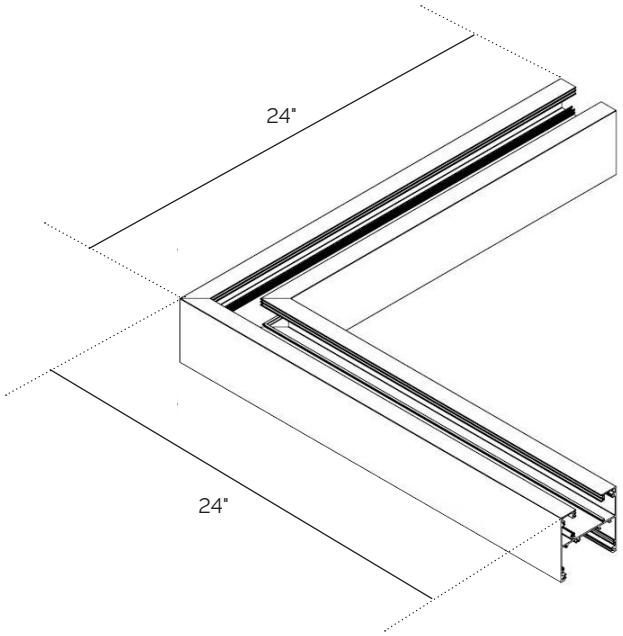
STEMWXX, STEMBXX (Stem Mount)





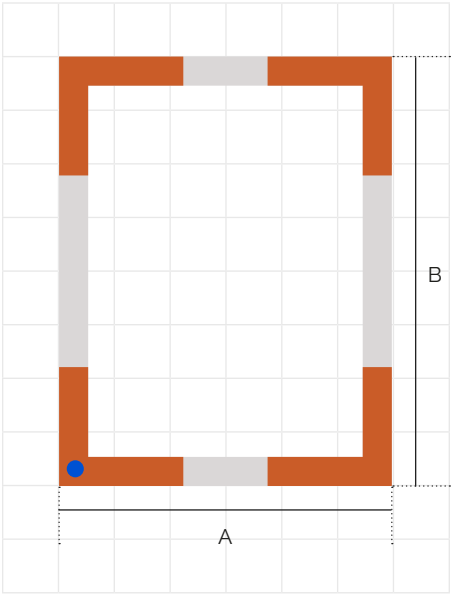
Shape Configuration

Example: Standard 24" x 24" joint configurations are provided as as a single piece as shown below.



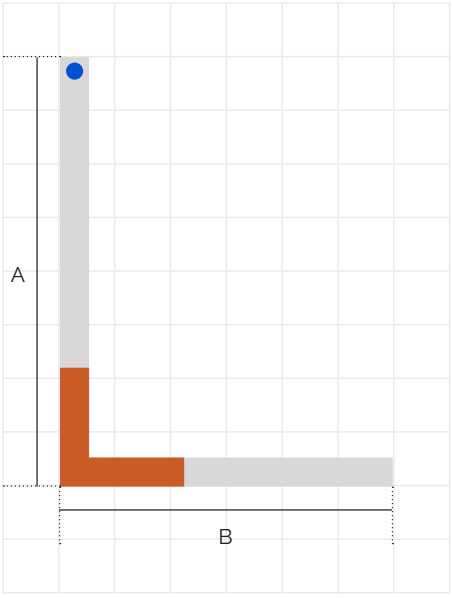
Rectangle (_X_RECT)

Provide AxB dimensions



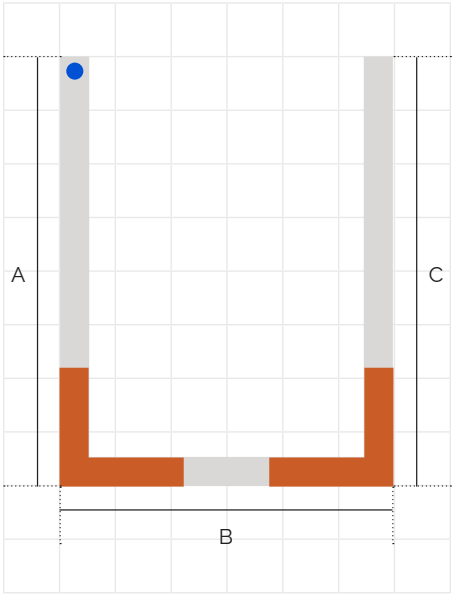
L-Shape (_X_L)

Provide AxB dimensions



U-Shape (_X_X_U)

Provide AxBxC dimensions

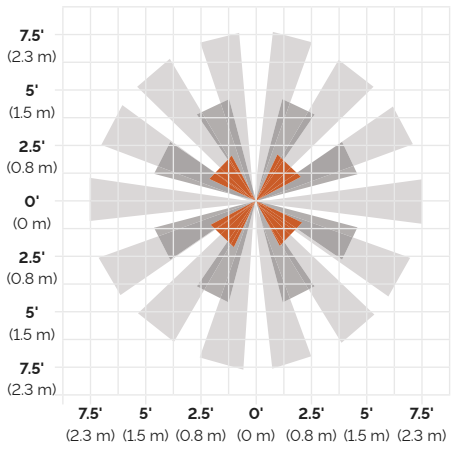


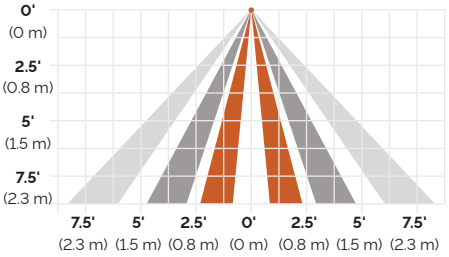
● Power Location

Controls

Sensor

Wattstopper FS-205 v2 Low Voltage PIR. Integrated photosensor for hold-off daylighting control. 24VDC operating voltage. Adjustable time delay (30 seconds to 30 minutes).







Wireless Node

