STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Beam Shape Suspended

Direct / Indirect



Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 200'
- Any direct and indirect light combinations can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 140 lm/W
- L70 > 50,000 hours

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 $\frac{1}{16}$" 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

BEAMDI-4X6RECT-500-750-SD-BW-35K-90-PW-ACW10-U-1C-1EMB10

Series	Length[1]	Direct Output[2]	Indirect Output[2]	Direct Distribution	Indirect Distribution
BEAMDI					
	_X_RECT - Rectangle	**250 -** 250 LPF	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**CL -** Clear Lens
	_X_L - L-Shape	**500 -** 500 LPF	**500 -** 500 LPF	**WD -** Wide Diffuse	**BW -** Batwing
	_X_X_U - U-Shape	**750 -** 750 LPF	**750 -** 750 LPF	**WW -** Wall Wash	**ID -** Indirect Diffuse
		1000 - 1000 LPF	**1000 -** 1000 LPF	**Drop Lens w/ Lit Ends[3]**	
		XXX - Custom LPF	**XXX -** Custom LPF	**DLE05 -** 0.5"	
				DLE10 - 1.0"	
				DLE15 - 1.5"	

CCT	CRI	Finish[5]	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[4] (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 Drivers[16]**	**Sensors**
2C - Separate D/I Circuits[6]	**EC -** Emergency Circuit[11]	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)
MC - Multiple Circuits[7, 8]	**#EMB6 -** 6W EM Battery[12, 13]	**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**VDO -** Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)
DL - Daylight Control[7, 9]	**#EMB10 -** 10W EM Battery[12, 13]	**PSRD -** Philips Sensor Ready (DALI) Driver	**AWNR -** Lutron Athena Wireless Node (RF Only)[20]
NL - Night Lights[7, 10]	**#FCEMB10 -** 10W EM Battery[12, 14]	**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**AWNS -** Lutron Athena Wireless Node w/ Sensor[20]
	#FCEMB14 - 14W EM Battery[12, 14]	**TW-A -** Tunable White, 0-10V[17]	**NLA -** Acuity nLight Air[19]
	#GTD - Generator Transfer Device w/ ALCR[15]	**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[17]	**NLW -** Acuity nLight Wired[19]
		LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[18]	**WVL -** Cooper Wavelinx[19]
		HD-XX - HyperDrive Remote Driver[19]	**End Caps[21]**
			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. Separate D/I switched power and dimming (shared neutral).
7. Customer to specify number of zones and locations through factory submittal drawings.
8. Multiple low and line control zones.
9. Multiple low voltage control zones for daylight control.
10. Multiple unswitched wires for night light control zones.
11. Separate power, transfer devices provided by others.
12. '#' indicates number per run.
13. Provided by Iota/Bodine.
14. EM battery is factory choice.
15. Iota EDS-DR Emergency Control Device
16. Standard driver is 0-10V, dim to 1% output current.
17. 75 Watt Max. Dual driver required for higher fixture wattage.
18. 50 Watt Max. Dual driver required for higher fixture wattage.
19. Consult factory.
20. Athena sensor matches finish for white and black fixtures.
21. Not available with Drop Lens options.

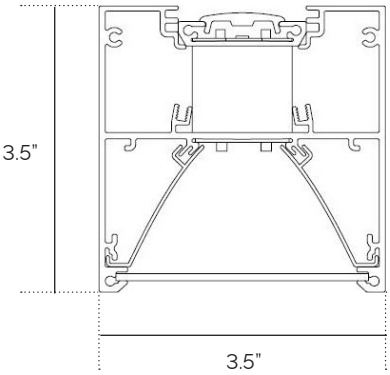
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STARTEK
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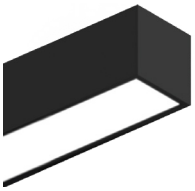
Beam Shape Suspended

Direct / Indirect

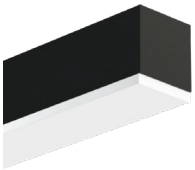
Dimensions



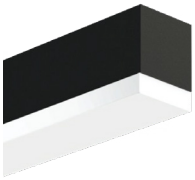
Diffusing



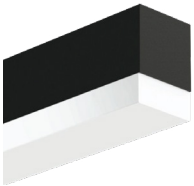
Flush
3.5" Height



DLE05
4.0" Height



DLE10
4.5" Height



DLE15
5.0" Height

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



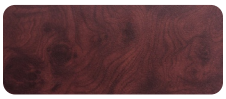
PSF001: Wood 1



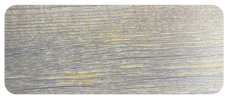
PSF002: Wood 2



PSF003: Wood 3



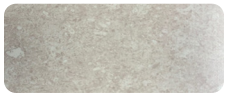
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

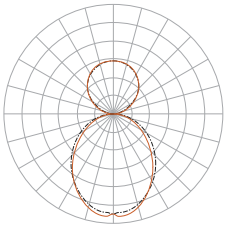


PSF009: Stone 3

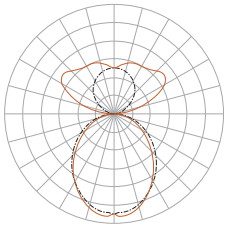
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

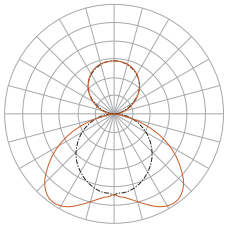
Distribution



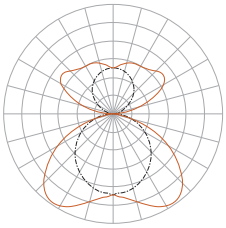
Indirect: Clear (CL)
Direct: SatinIce Diffuse (SD)



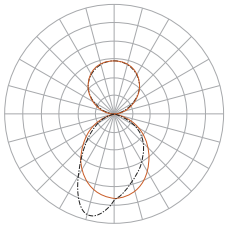
Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)



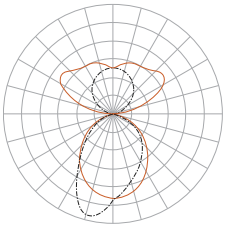
Indirect: Clear (CL)
Direct: Wide Diffuse (WD)



Indirect: Batwing (BW)
Direct: Wide Diffuse (WD)



Indirect: Clear (CL)
Direct: Wall Wash (WW)

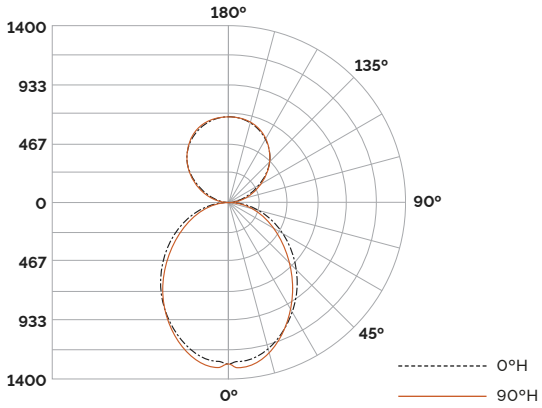


Indirect: Batwing (BW)
Direct: Wall Wash (WW)

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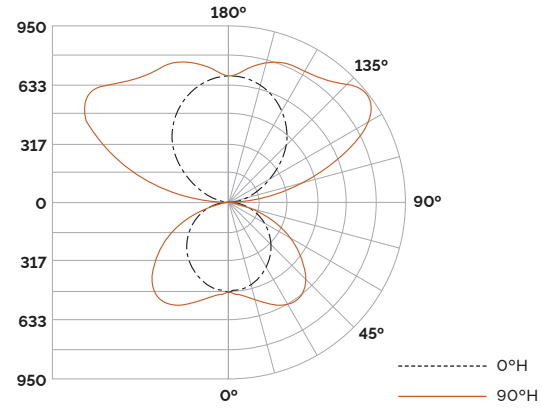
Performance

BEAMDI-4-775-475-SD-CL-35K (80+ CRI)



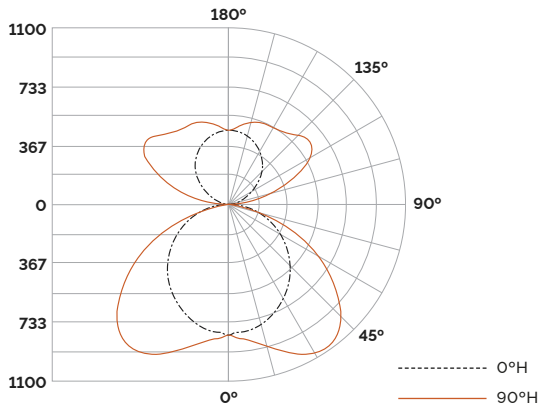
CCT	Length	Lumens	Wattage	LPW
3000K	4'	5000	41	123
	8'	10000	78	128
3500K	4'	5000	39	128
	8'	10000	75	133
4000K	4'	5000	38	131
	8'	10000	74	136
5000K	4'	5000	37	135
	8'	10000	71	140

BEAMDI-4-450-750-WD-BW-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4800	40	121
	8'	9600	76	126
3500K	4'	4800	38	126
	8'	9600	73	131
4000K	4'	4800	37	130
	8'	9600	71	135
5000K	4'	4800	36	133
	8'	9600	70	138

BEAMDI-4-750-500-WD-BW-35K (80+ CRI)

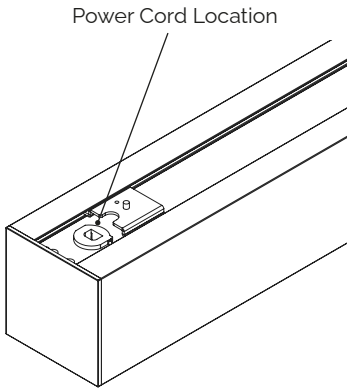


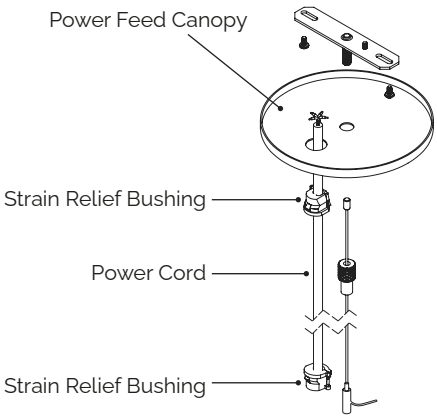
CCT	Length	Lumens	Wattage	LPW
3000K	4'	5000	42	119
	8'	10000	81	123
3500K	4'	5000	40	124
	8'	10000	78	128
4000K	4'	5000	39	127
	8'	10000	76	131
5000K	4'	5000	38	130
	8'	10000	74	135

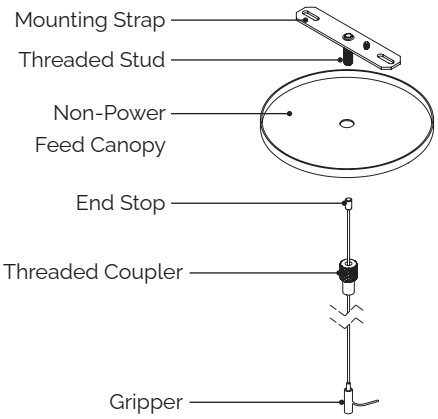
Mounting

ACXXX (Aircraft Cable with Canopy)

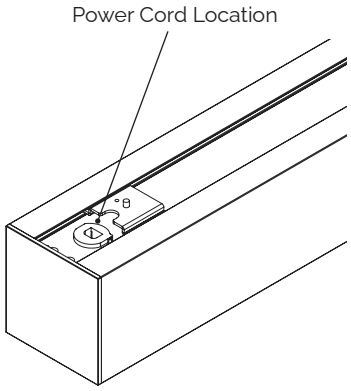
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

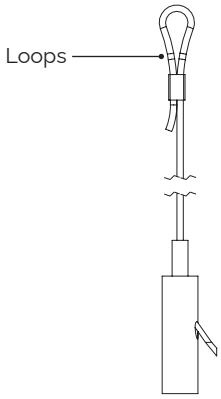




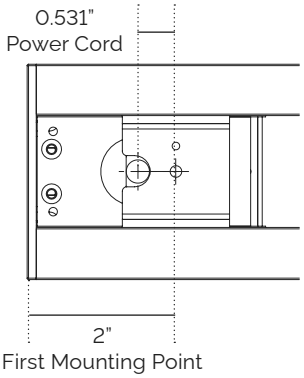


ALXXX (Aircraft Cable with Loops)

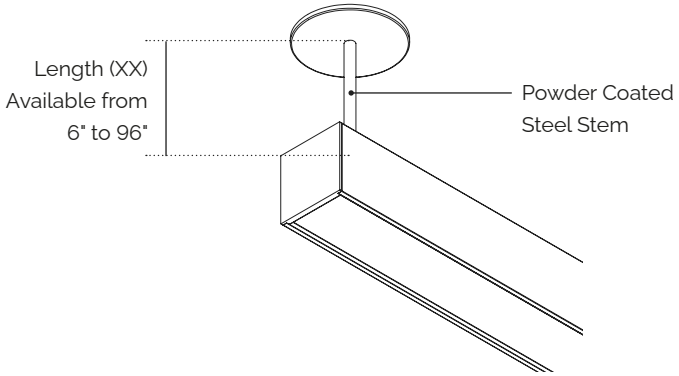


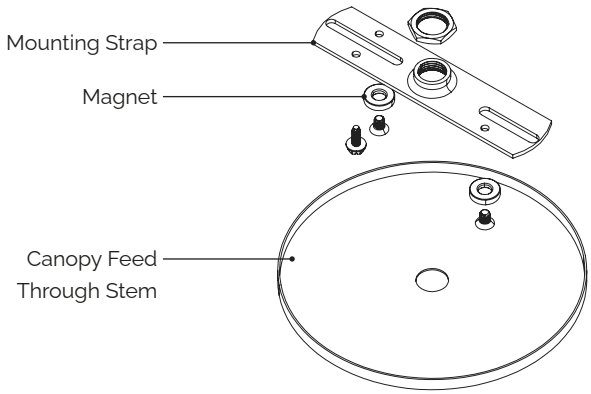


Power Cord & First Mount Details



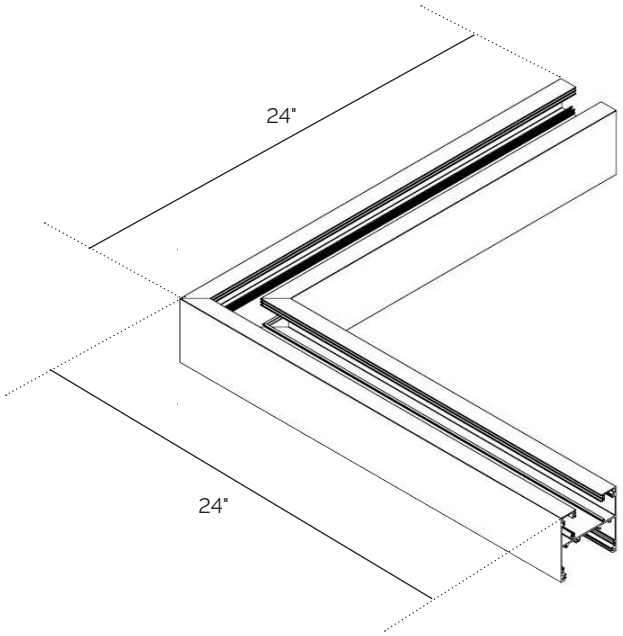
STEMWXX, STEMBXX (Stem Mount)





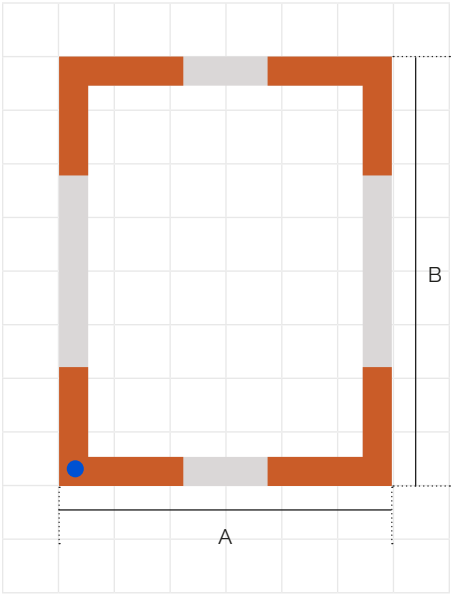
Shape Configuration

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



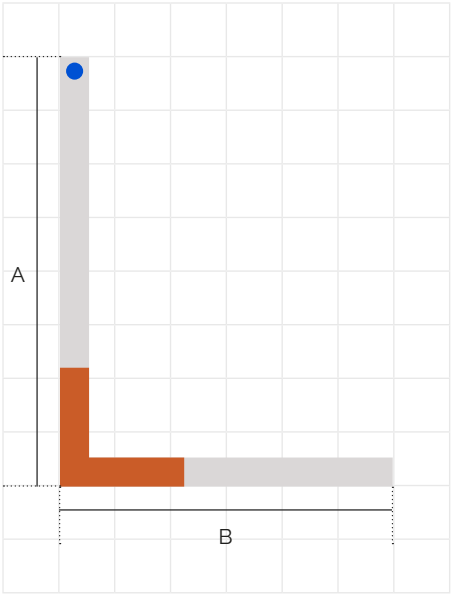
Rectangle (_X_RECT)

Provide AxB dimensions



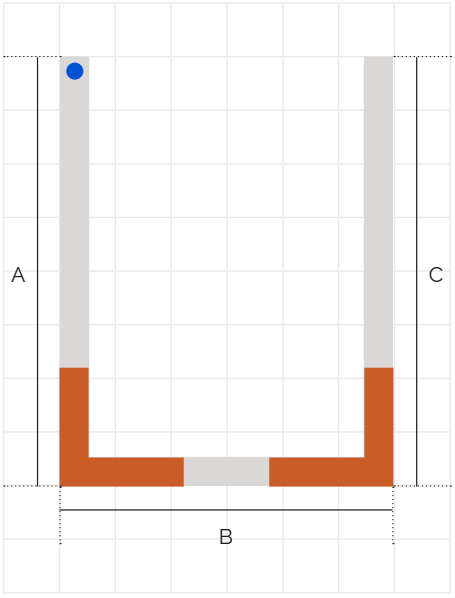
L-Shape (_X_L)

Provide AxB dimensions



U-Shape (_X_X_U)

Provide AxBxC dimensions

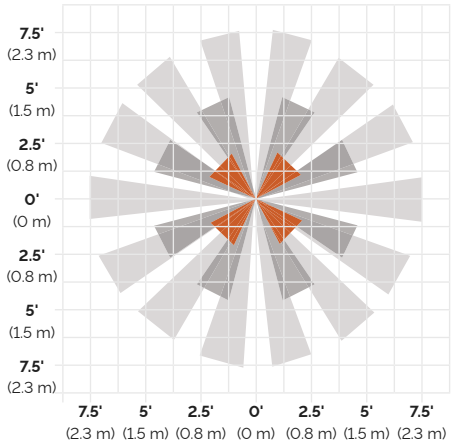


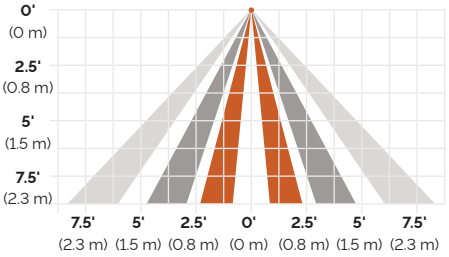
● Power Location

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

