STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

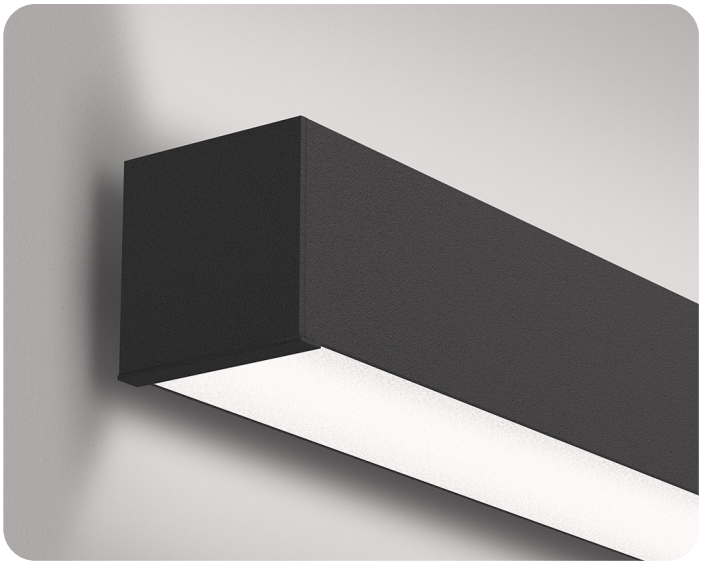
Beam Wall

Direct / Indirect

Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 100'
- 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 $\frac{1}{16}$" 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

- 0.060" 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.

Ordering Logic

BEAMD-40-750-SD-35K-80-PW-WM-U-1C-1EMB10

Series	Length[1]	Direct Output[2]	Indirect Output[2]	Direct Distribution	Indirect Distribution
BEAMDI					
	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	**WW -** Wall Wash	**ID -** Indirect Diffuse
		1000 - 1000 LPF	**1000 -** 1000 LPF	**GRZ -** Wall Graze	
		XXX - Custom LPF	**XXX -** Custom LPF	**ARF -** Asymmetric Room Fill	
				Drop Lens w/ Lit Ends[3]	
				DLE05 - 0.5"	
				DLE10 - 1.0"	
				DLE15 - 1.5"	

CCT	CRI	Finish[5]	Mounting	Voltage	Circuiting
27K - 2700K	**80 -** 80 CRI	**Standard Powder Coat**	**WM -** Wall Mount	**U -** 120-277V	**1C -** Single Circuit
30K - 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White	**AWM -** Architectural Wall Mount	**C -** 347V	**2C -** Separate D/I Circuits[7]
35K - 3500K		**PB -** Black	**EWMXX -** Extruded Wall Mount, XX" [6]		**MC -** Multiple Circuits[8, 9]
40K - 4000K		**PS -** Silver			**DL -** Daylight Control[8, 10]
50K - 5000K		**Premium**			**NL -** Night Lights[8, 11]
TW - Tunable White[4] (2700K-6500K)		**RALXXXX -** Powder Coat Gloss Finish			
		PSFX - Premium Stock Finish			
		Custom Powder Coat			
		PO - Powder Other			

Emergency	Options		
	Specialty Drivers[17]	**Sensors**	**End Caps[22]**
BLANK - None	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)	**RD -** Round End Cap
EC - Emergency Circuit[12]	**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**VDO -** Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)	
#EMB6 - 6W EM Battery[13, 14]	**PSRD -** Philips Sensor Ready (DALI) Driver	**AWNR -** Lutron Athena Wireless Node (RF Only)[21]	
#EMB10 - 10W EM Battery[13, 14]	**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**AWNS -** Lutron Athena Wireless Node w/ Sensor[21]	
#FCEMB10 - 10W EM Battery[13, 15]	**TW-A -** Tunable White, 0-10V[18]	**NLA -** Acuity nLight Air[20]	
#FCEMB14 - 14W EM Battery[13, 15]	**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[18]	**NLW -** Acuity nLight Wired[20]	
#GTD - Generator Transfer Device w/ ALCR[16]	**LD2 -** Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[19]	**WVL -** Cooper Wavelinx[20]	
	HD-XX - HyperDrive Remote Driver[20]		

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. 3" standard EWM. Custom sizes available up to 12".
7. Separate D/I switched power and dimming (shared neutral).
8. Customer to specify number of zones and locations through factory submittal drawings.
9. Multiple low and line control zones.
10. Multiple low voltage control zones for daylight control.
11. Multiple unswitched wires for night light control zones.
12. Separate power, transfer devices provided by others.
13. '#' indicates number per run.
14. Provided by Iota/Bodine.
15. EM battery is factory choice.
16. Iota EDS-DR Emergency Control Device
17. Standard driver is 0-10V, dim to 1% output current.
18. 75 Watt Max. Dual driver required for higher fixture wattage.
19. 50 Watt Max. Dual driver required for higher fixture wattage.
20. Consult factory.
21. Athena sensor matches finish for white and black fixtures.
22. Not available with Drop Lens options.

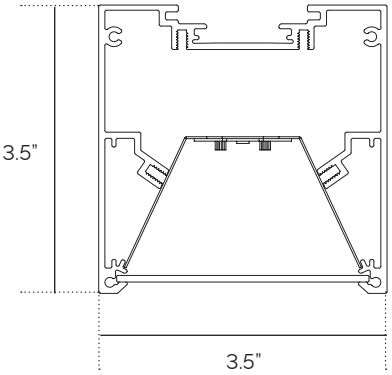
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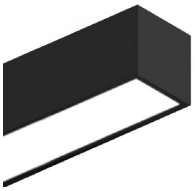
Beam Wall

Direct / Indirect

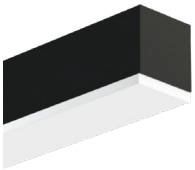
Dimensions



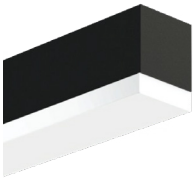
Diffusing



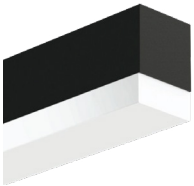
Flush
3.5" Height



DLE05
4.0" Height



DLE10
4.5" Height



DLE15
5.0" Height

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



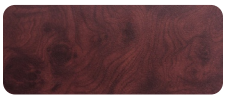
PSF001: Wood 1



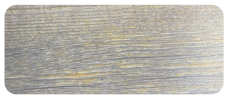
PSF002: Wood 2



PSF003: Wood 3



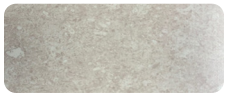
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

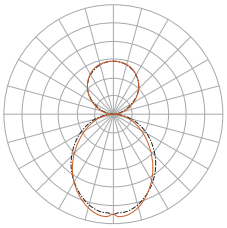


PSF009: Stone 3

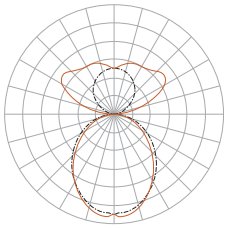
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

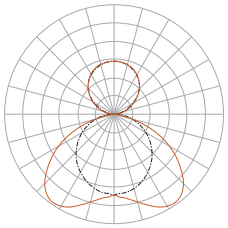
Distribution



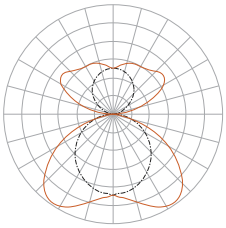
Indirect: Clear (CL)
Direct: SatinIce Diffuse (SD)



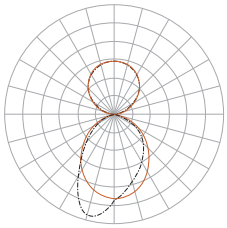
Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)



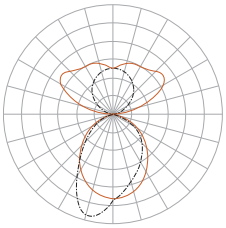
Indirect: Clear (CL)
Direct: Wide Diffuse (WD)



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



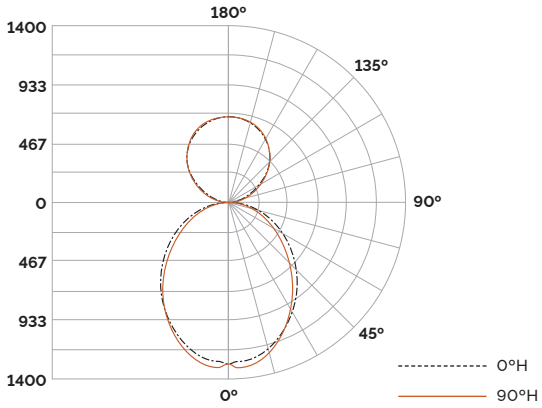
Indirect: Clear (CL)
Direct: Wall Wash (WW)



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

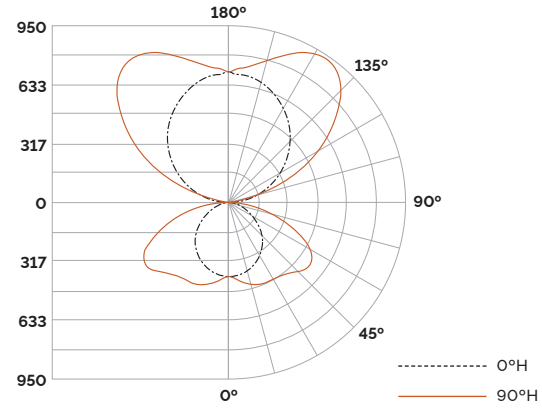
Performance

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



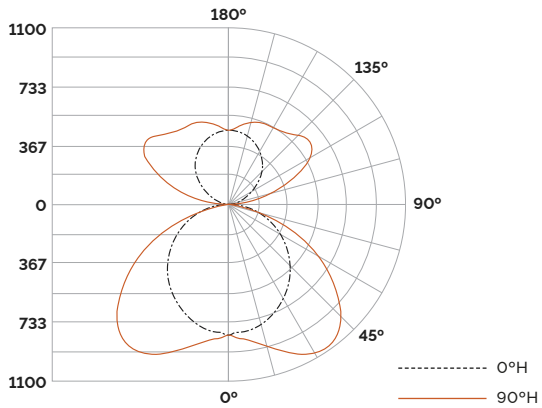
CCT	Length	Lumens	Wattage	LPW
3000K	4'	5000	41	123
	8'	10000	78	128
3500K	4'	5000	39	128
	8'	10000	75	133
4000K	4'	5000	38	131
	8'	10000	74	136
5000K	4'	5000	37	135
	8'	10000	71	140

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

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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)

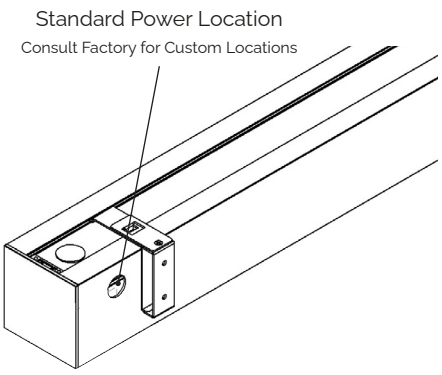
The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

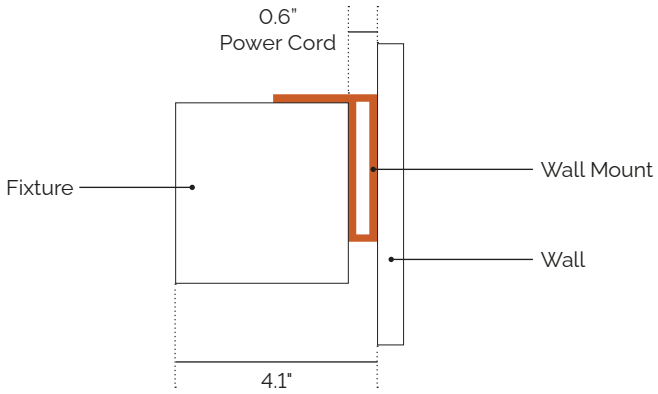
S12' (2')	2'	2'	2'	2'	2'	2'
S12' (3')	3'	3'	3'	3'		
S12' (4')	4'	4'	4'			
S12' (6')	6'	6'				

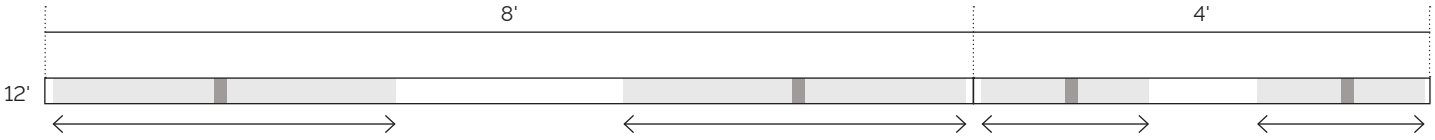
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Mounting

WM (Wall Mount)



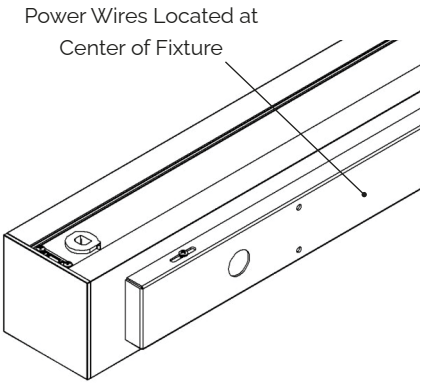


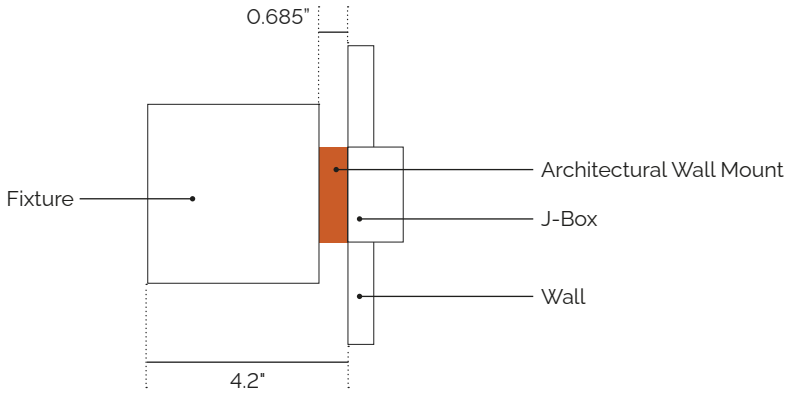


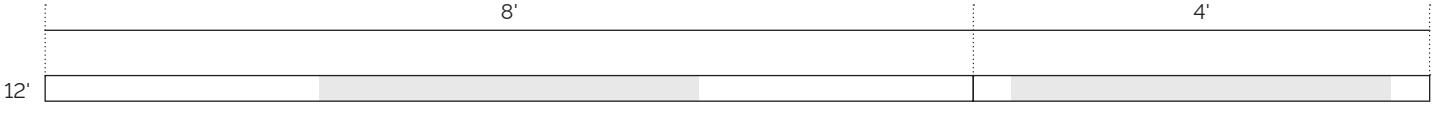
Two mounts per fixture.
Can be placed anywhere along the length of a fixture.
(2" to 36" from end)

Two mounts per fixture. Can be placed anywhere along the length of a fixture.
(2" to 12" from end)

AWM (Architectural Wall Mount)







45" back wall mounting bracket

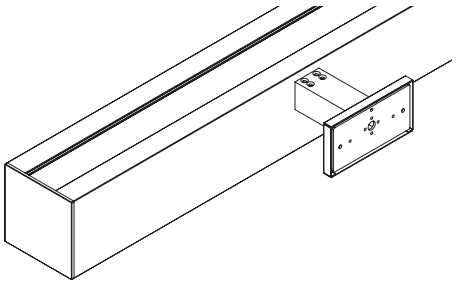
45" back wall mounting bracket

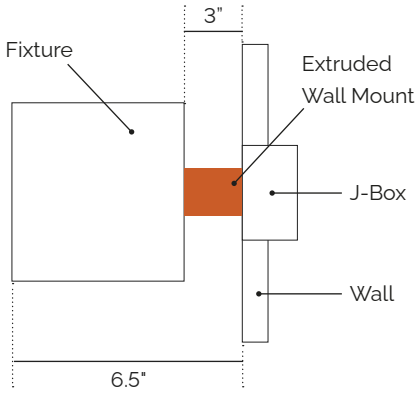
NOTE: *Fixtures shorter than 4' use a 17" back wall mounting bracket*

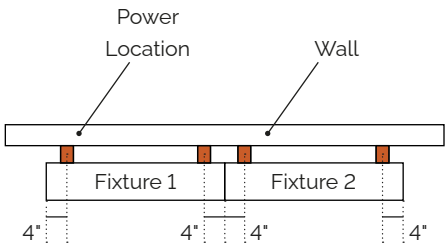
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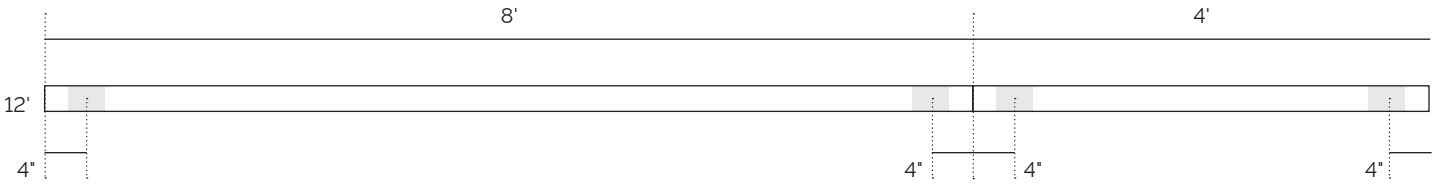
Mounting

EWM (Extruded Wall Mount)









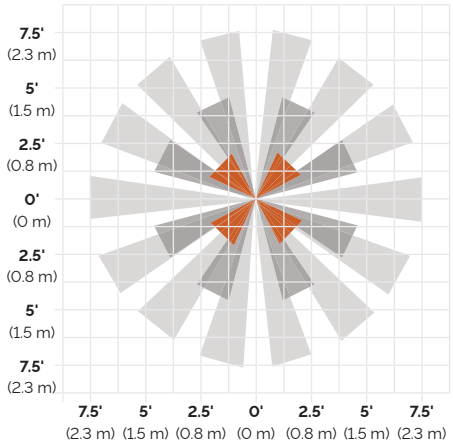
Continue to Next Page

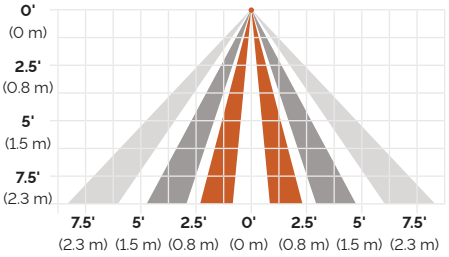
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Controls

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

