



Client:	
Order #:	
Project:	
Type:	

PERFORMANCE DATA

CRI

70+

CCT

3500K, 4000K, 5000K

Projected Lifetime

>50,000 Hours (L70)

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-20°C to +45°C Ambient

Warranty

5 year Standard
10 year Optional

DESCRIPTION

Experience superior performance with the StairSense luminaire, available in two convenient sizes designed for stairwells and various ambient lighting applications. Utilizing an ultrasonic sensor, this advanced luminaire detects motion without requiring a direct line of sight, setting it apart from traditional infrared sensors. Optically engineered for maximum efficacy and optimal light distribution with exceptional uniformity, the StairSense luminaire is versatile, supporting both vertical and horizontal mounting. Benefit from easy installation and extended life, with the option of an Emergency Battery Backup kit for added security.

FEATURES

- HOUSING
Embossed cold-rolled post-painted steel with aluminum end caps.
- EFFICACY
Up to 127 lumens per watt (see individual wattage data)
- AMBIENT TEMPERATURE
Suitable for use in -20°C to 45°C (-20°F to 113°F)
- CCT AND CRI
2 Foot - 20W/25W/30W and 4 Foot - 35W/45W/55W.
Selectable 3500K/4000K/5000K CCT, 80 CRI.
- MOUNTING
Wall mount
- OPTICS
Frosted Lens with optional wire guard.

ORDERING INFORMATION

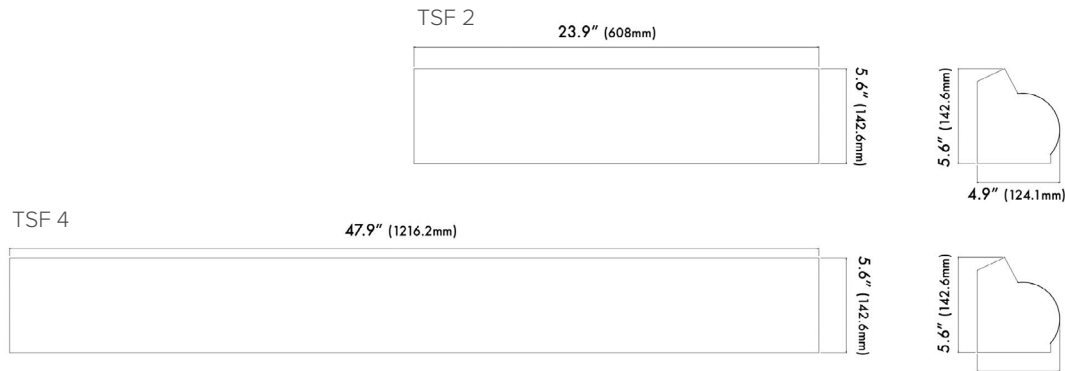
STAIRSENSE						
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	B	C	D	E	F	G
A	FIXTURE SERIES					
	StairSense					
B	WATTAGE/LUMENS SIZE 2ft					
	20	20W/3660 ¹				
	25	25W/3250 ¹				
	30	30W/3810 ¹				
	WATTAGE/LUMENS SIZE 4ft					
	35	35W/4655 ¹				
	45	45W/5850 ¹				
	55	55W/6985 ¹				
C	CCT					
	35	3500K				
	40	4000K				
	50	5000K				
D	VOLTAGE					
	U	120-277V				
E	FINISH					
	WH	White				
	BZ	Dark Bronze				
	BL	Black				
F	OPTIONS					
	EM	Emergency Backup				
	WG2	2ft Wire Guard				
	WG4	4ft Wire Guard				
G	WARRANTY²					
	-	5 Year Warranty				
	10	10 Year Warranty				
	10L	10 Year Warranty including labor				

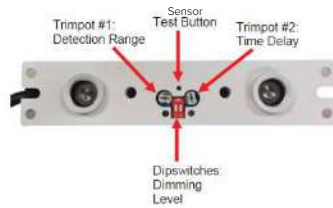
¹Delivered Lumens (5000K)

² 5 Year Warranty is Standard unless specified

DIMENSIONS



ULTRASONIC SENSOR



Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

Ultrasonic technology detects motion without a direct line of sight.

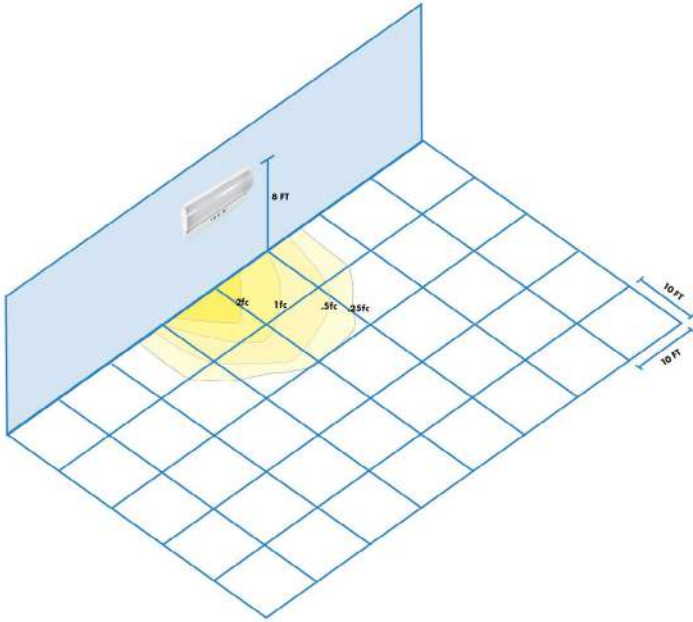
Pressing the test button puts the sensor in test mode. Test mode sets the time delay to 5 seconds and runs for 5 minutes. The red motion LED will flash twice to indicate that test mode has started. After either 5 minutes have elapsed or the test button is pushed again, the red motion LED will flash three times to indicate the sensor is returning to normal operation based on the programmed time delay and dim level.

Operation Temperature	Mounting Height	Time Delay	M ax. Range		
			Low Sensitivity	Medium Sensitivity	High Sensitivity
-30°C to 70°C (-22°F to 158°F)	8-12ft	1 min, 5 min, 20 min	13ft	18ft	35ft

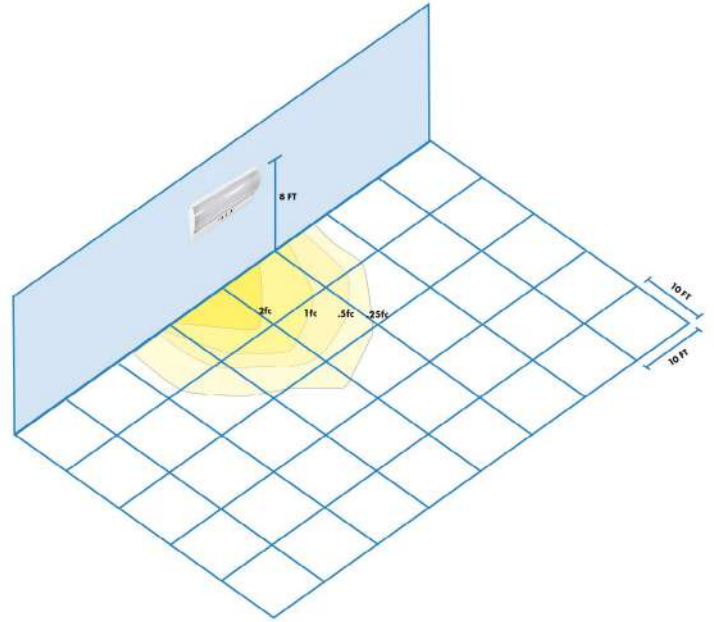
Ambient Temperature	Input Rated Voltage	Output Voltage	Charge Time	Emergency Operation Time
0° to 50°C (32 °F to 122°F)	100-277V AC 50-60Hz. AC input current 10-80mA	DC15 to 55V, DC60V max	≥24 hours	≥90 mins

PHOTOMETRIC

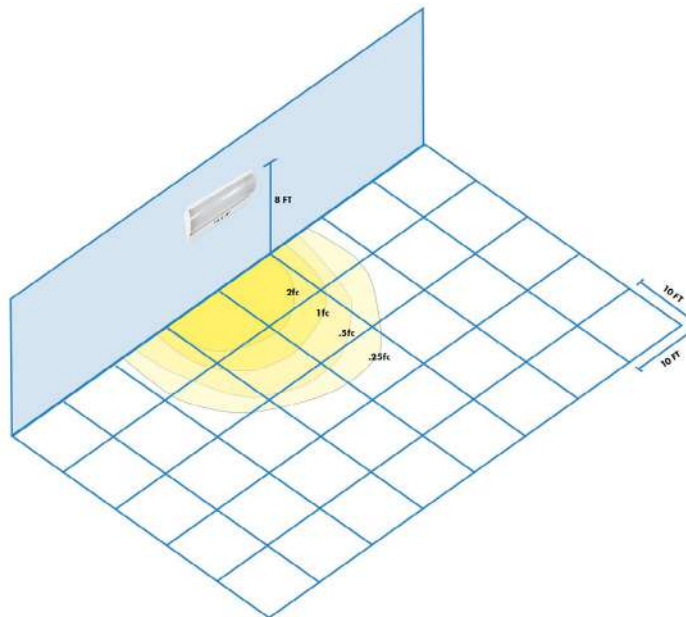
StairSense 2 25/30/40



20W



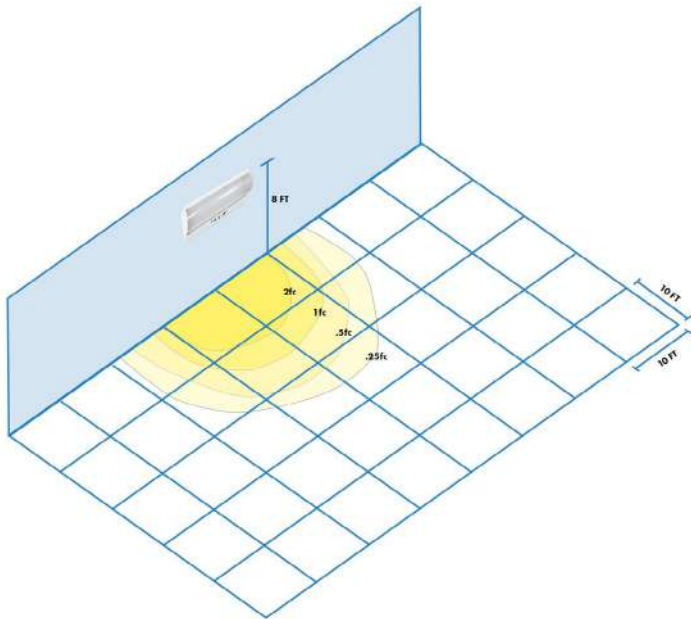
25W



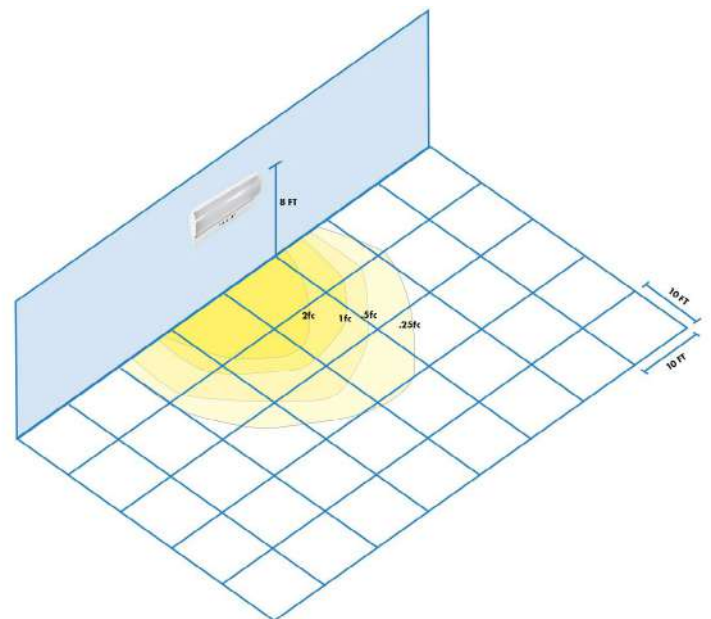
30W

PHOTOMETRIC

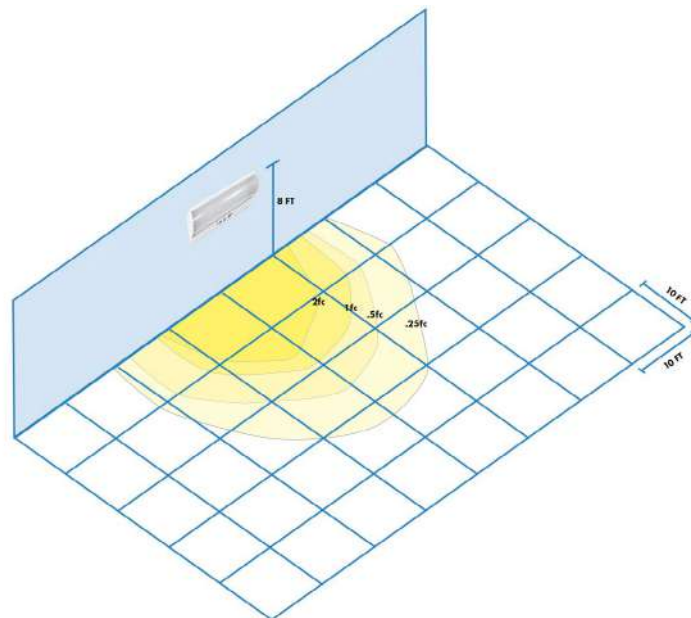
StairSense 4 45/60/70



35W



45W



55W

ELECTRICAL LOAD

Fixture	Wattage	Current (A)			
		120V	208V	240V	277V
StairSense 2 25/30/40	20W	0.17	0.10	0.08	0.07
	25W	0.21	0.12	0.10	0.09
	30W	0.25	0.14	0.13	0.11
StairSense 4 45/60/70	35W	0.29	0.17	0.15	0.13
	45W	0.38	0.22	0.19	0.16
	55W	0.46	0.26	0.23	0.20

PERFORMANCE DATA

Fixture	Selectable Wattage	Voltage	3500K	4000K	5000K	T5 Lamp	T8 Lamp	Mounting Height
			Lumens	Lumens	Lumens	Replacement	Replacement	
StairSense 2 25/30/40	20W	120-277V	2,620	2,640	3,660	2 Lamp F14T5	1 Lamp F25T8	8-12'
	25W	120-277V	3,200	3,225	3,250	2 Lamp F24T5/HO	2 Lamp F17T8	8-12'
	30W	120-277V	3,750	3,780	3,810	2 Lamp F34T5/HO	2 Lamp F17T8	8-12'
StairSense 4 45/60/70	35W	120-277V	4,585	4,620	4,655	2 Lamp F28T5	2 Lamp F28T8	8-12'
	45W	120-277V	5,760	5,805	5,850	2 Lamp F28T5	2 Lamp F28T8	8-12'
	55W	120-277V	6,875	6,930	6,985	2 Lamp F35T5	2 Lamp F32T8	8-12'