



Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

STAIRSENSE is a versatile LED lighting solution optimized for stairwells and low-traffic areas, offering both efficiency and convenience. Equipped with an ultrasonic sensor, it detects motion without requiring direct line of sight, enhancing safety and energy savings. Available in two lengths, this fixture provides high lumen output with selectable color temperatures and field-adjustable power, making it adaptable to various lighting requirements.

FEATURES

- Advanced ultrasonic sensor enables detection without direct line of sight, ensuring reliable activation in enclosed spaces.
- Provides up to 127 lumens per watt, balancing brightness and energy savings.
- Selectable wattage and color temperature (3500K, 4000K, 5000K) allow customized lighting configurations.
- Frosted lens minimizes glare, creating comfortable illumination for stairwells and corridors.
- Optional emergency battery backup kit available for up to 90 minutes of illumination during power interruptions.

CONSTRUCTION & ELECTRICAL

- Constructed from embossed cold-rolled steel with aluminum end caps, available in white, bronze, or black finishes for aesthetic flexibility.
- Designed for wall mounting with horizontal and vertical orientation options.
- Operates at 120-277V with 0-10V dimming capability for integration with energy-saving controls.
- Built to last with a projected lifetime of over 100,000 hours.
- Standard 5-year warranty with optional 10-year extended coverage.
- Damp location rated

PERFORMANCE DATA

CRI

80+

CCT

3500K, 4000K, 5000K

Projected Lifetime

>100,000 Hours (L70)

Dimming

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

Operating Temperature

-20°C to 50°C Ambient

Warranty

5 year Standard
10 year Optional

ORDERING INFORMATION

STAIRSENSE / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____

SERIES SIZE WATTAGE CCT VOLTAGE DRIVER FEATURES FINISH CONTROLS EMERG. BATT. WARRANTY

FIXTURE SERIES	
STAIRSENSE	LED Ultrasonic Stairwell Fixture
SIZE	
2	2 FT Nominal Length
4	4 FT Nominal Length
WATTAGE*	
30WS	20 W, 25 W, 30 W Select. (2 FT)
55WS	35 W, 45 W, 55 W Select. (4 FT)
CCT	
CS	80+ CRI, 35K, 40K, 50K CCT Select.
VOLTAGE	
UNV	Universal 120-277VAC

DRIVER FEATURES	
10V	0-10 V Dimming
FINISH	
WH	White Finish
CONTROLS	
MUSD	Motion Sensor, UltraSonic, Line Voltage, Direct Mount (Standard)
EMERGENCY BATT. BACKUP	
EM8	8 Watt (900 lm) 90 Min. Emerg. Batt.
EM15	15 Watt (1500 lm) 90 Min. Emerg. Batt.
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty

PERFORMANCE DATA

STAIRSENSE 30WS 2 FT							
SETTING	SYSTEM WATTS	3500K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
LV1	20 W	2,400 lm	120 lm/W	2,400 lm	120 lm/W	2,400 lm	120 lm/W
LV2	25 W	3,000 lm	120 lm/W	3,000 lm	120 lm/W	3,000 lm	120 lm/W
LV3	30 W	3,600 lm	120 lm/W	3,600 lm	120 lm/W	3,600 lm	120 lm/W

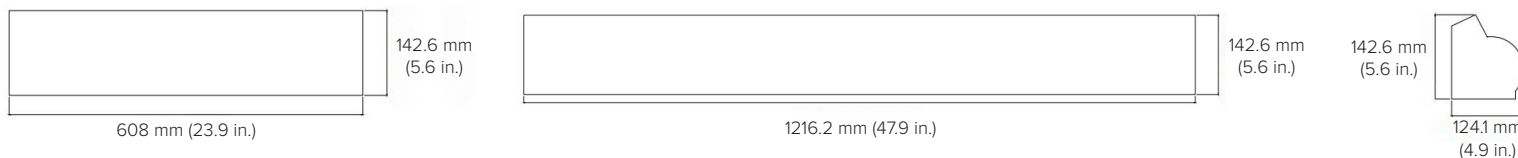
STAIRSENSE 55WS 4 FT							
SETTING	SYSTEM WATTS	3500K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
LV1	35 W	4,200 lm	120 lm/W	4,200 lm	120 lm/W	4,200 lm	120 lm/W
LV2	45 W	5,400 lm	120 lm/W	5,400 lm	120 lm/W	5,400 lm	120 lm/W
LV3	55 W	6,600 lm	120 lm/W	6,600 lm	120 lm/W	6,600 lm	120 lm/W

DIMENSIONS

unit: mm/inch

STAIRSENSE 30WS 2 FT

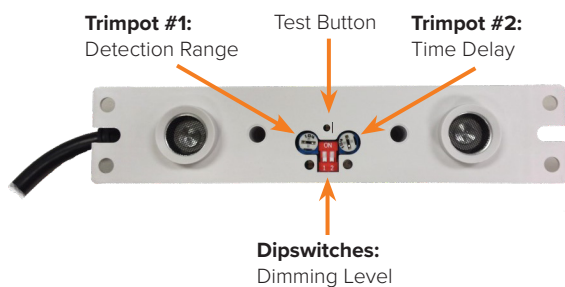
STAIRSENSE 55WS 4 FT



ULTRASONIC SENSOR



- Ultrasonic sensor 40KHz ± 1kHz.
- 0-10V configurable output: set to 0%, 10%, 25% or 50% dimming
- Photocell for daylight sensing
- Time delay adjustable 1 minute, 5 minutes, 20 minutes
- LED Motion indicator



DIPSWITCH 1	DIPSWITCH 2	DIM LEVEL
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%