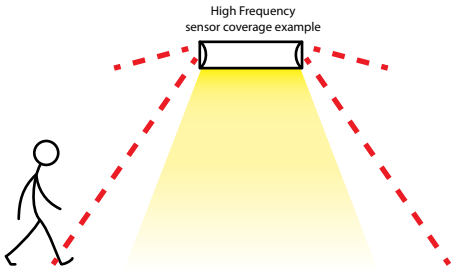
LAMARLED

occu-smart® S³
simple sensor solutions

The SSLED series is part of our Occu-Smart® S³ product line. Equipped with a high frequency motion sensor, this fixture is ideal for stairwells, coves, restrooms and a variety of other areas and features a choice of sensor lens patterns for optimal coverage

SSLED-HF Sparta series single sensor HF





High frequency motion sensors can detect motion through many materials including glass, sheet rock walls, wood doors and the lens of a fixture, enabling the sensor to be hidden from view in most cases - consult factory to see if an HF sensor is the right fit for your application

Features and Specifications:

Construction:
- Housings are die-formed of code gauge steel
- Ample knockouts are provided for convenient mounting
- Smooth frosted polycarbonate diffuse, injection molded end caps

Size Options:
- Available in 2' or 4' lengths (nominal)

Sensor:
- High Frequency motion sensor, internally mounted (on/off)
- Built in daylight sensor
- Choice of 30%, 20%, 10% or 5% bi-level or on/off

Listing & Ratings:
- All electrical components are U.L. listed or recognized
- All fixtures are U.L. Certified and Union made in the USA

Mounting Options:
- Surface mount on walls or ceilings

Driver:
- Universal voltage 120-277V standard
- Custom driver tuning available for specific lumen requirements

Warranty:
- 5 years - part replacement only (see our terms & conditions page at www.lamarled.com for details)

- See page 2 for lumen chart & dimensions

Ordering Guide / Example

SSLED24-40-30HF

SSLED

Series	Size	CCT	Dimming Options	General Options
SSLED = Single sensor LED with high frequency sensor	**24** = 2' (nominal) **48** = 4' (nominal)	**30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K	**30HF** = Bi-level 30% standby **20HF** = Bi-level 20% standby **10HF** = Bi-level 10% standby **05HF** = Bi-level 5% standby **FOHF** = On/Off	**EM** = Emergency pack >90 min., >500 lumens (higher output & run time available - consult factory) **HRC**= Sensor remote control

Consult factory for additional options not shown or listed

Correlated Color Temperatures (CCTs) fall within the nominal range as per ANSI C78.377A

Project Information:

Job Name: _____ Fixture Type: _____

Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

UNION MADE IN THE USA ★★★★★★ | CRI 80+ | UL CERTIFIED | 120-277V Universal | 5 YEAR WARRANTY

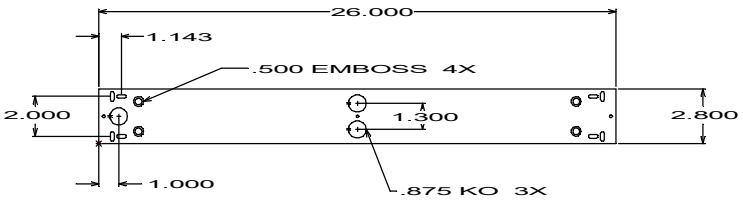
LAMARLED 1150 Motor Pkwy, Central Islip, NY 11722 | tel 631.777.7700 fax 516.333.7695 | www.lamarled.com

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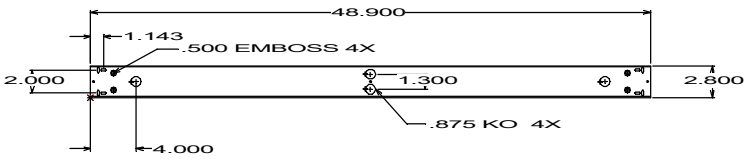
SSLED-HF Sparta series single sensor HF

BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

Dimensions



Overall height from bottom of fixture to top of sensor - 2.5"



Overall height from bottom of fixture to top of sensor - 2.5"

Lumen/Wattage Chart - 5000K

CCT Multipliers

3000K	94%
3500K	95%
4000K	99%
5000K	100%

LED Wattage Chart (SSLEDxx50-30HF - 5000K)

	Standby	High
2' (1 Board)	5.4W - 404 lu	14.4W - 1615 lu
4' (2 Boards)	7.8W - 818 lu	24.4W - 3271 lu

LED Wattage Chart (SSLEDxx50-FOHF - 5000K)

2' (1 Board)	17W -2020 lu
4' (2 Boards)	33W - 4082 lu

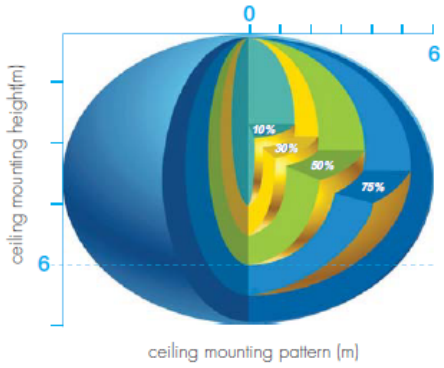
When used in draft prone areas, fixtures with high frequency sensors should be rigidly mounted

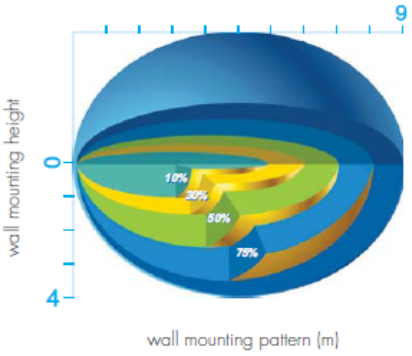
Sensor Coverage and Accessories



HRC = High frequency sensor remote control

Detection Pattern





occu-smart®

LAMAR LED assumes no responsibility for misapplication of fixtures
Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

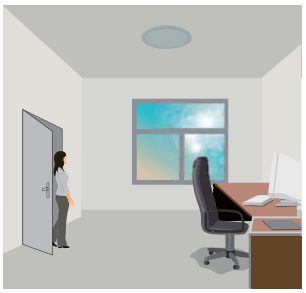
Specifications subject to change without notice - Rev 1026

SSLED-HF Sparta series single sensor HF

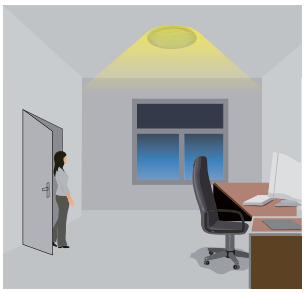
Sensor Features/Details

Tri-level dimming control (corridor function)

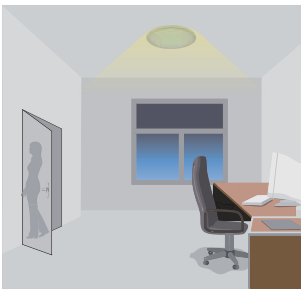
Tri-level dimming control sensors offer 3 levels of light: 100% -->dimmed light (10%, 20%, 30% or 50% optional) -->off; And 2 periods of selectable waiting time: Motion hold-time and stand-by period; selectable daylight threshold and freedom of detection area



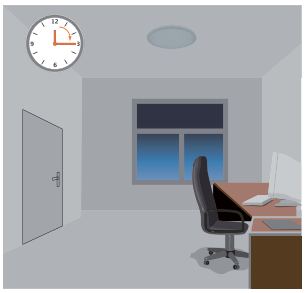
With sufficient natural light, the light does not switch on when presence is detected



With insufficient natural light, the sensor switches the light on automatically when a person enters the room



After hold-time, the light dims to stand-by level or turns off completely if surrounding natural light is above the daylight threshold



Light switches off automatically after the stand-by period elapses

Features:

- Adjustable detection area
- Hold-time
- Daylight threshold
- Stand-by period
- Stand-by dimming level
- Sensor antenna interface

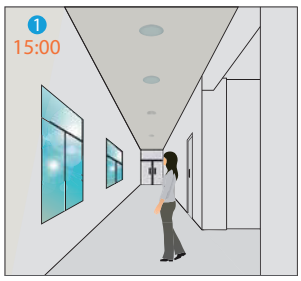
Factory set for bi-level operation 100%/10%

Tri-level dimming default factory setting = 10% bi-level
Off function = disabled

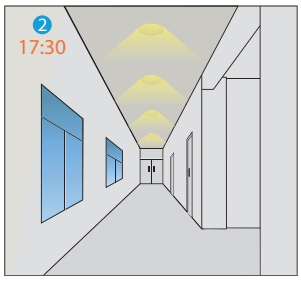
Daylight monitoring function default factory setting = disabled

Daylight monitoring function

1) With sufficient natural light, the light will not turn on when motion is detected
2) After hold-time, the light turns off completely if surrounding natural light is sufficient
3) When stand-by period is preset at "+∞", the light will turn off completely when surrounding natural light is sufficient during stand-by period and turn on at dimming level automatically when natural light is below daylight threshold



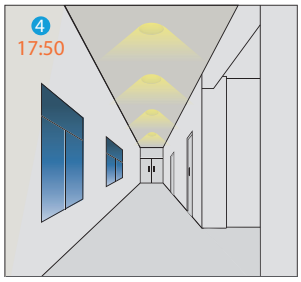
With sufficient natural light, the light does not switch on even when there is motion detected



At dusk, as the natural light drops below threshold value, the sensor turns the light on at the dimmed level



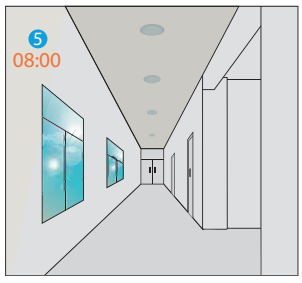
The light switches on at 100% when there is motion detected



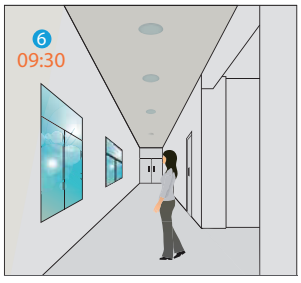
Light dims to stand-by level after the hold-time



100% on when motion is detected and dims to 10% in long absence



At dawn, light turns off completely when natural light reaches above daylight threshold



Light does not swtich on even when motion is detected during the daytime

Settings on this demonstration:
Hold-time = 10min
Daylight threshold = 50lux
Stand-by period +°
Stand-by dimming level = 10%

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