

LLSW-LKFS

Lumen and Kelvin Field Selectable Stairwell Light in White

Construction:

- Painted steel housing and PMMA (polymethyl methacrylate) frosted lenses are standard.
- Optional occupancy dimming sensor specifically designed to sense motion and illuminate both up and down stairwells (see figure 1).
- Surface Mounting with easy installation in new construction or retrofit.

Light Source:

- Field selectable 35K, 40K, and 50K color temperatures.*
- Long-life LEDs provide 190,000 hours of operation with at least 70% of initial lumen output (L_{70}),** and 58,000 hours with at least 90% of initial lumen output (L_{90}).
- Selectable lumen outputs range from 4200 nominal lumens to 6000 nominal lumens.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.

* Contact factory for other color temperatures and lumen packages.

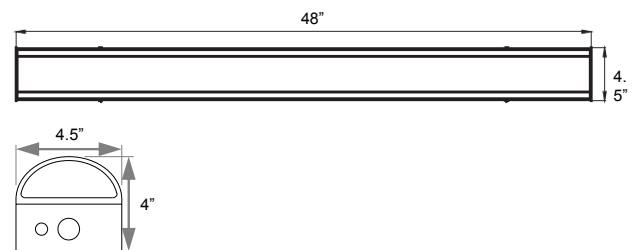
** L_{70} hours are IES TM-21-11 calculated hours.

Warranty & Listings:

- cULus listed for damp locations ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- cULus 1598 and 924 listed.*
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-1991, input transient protection (2.0kV).
- 5-year warranty of all electronics and housing.
- UL 924 listed when used with emergency drivers.



DIMENSIONS



Model	Length (L)	Width (W)	Height (H)	Weight
LLSW-LKFS	48"	4.5"	4"	8 lbs.

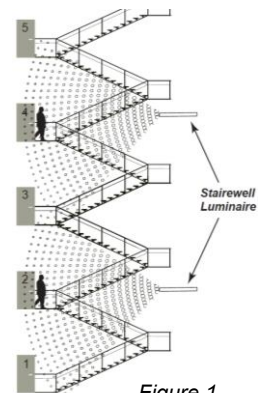


Figure 1

Ordering Information

Part#	Occupancy Sensor & Dimming ^{1,2}	Optional Emergency Driver	Accessories (Order Separately)
LLSW- LKFS	(Blank) No Sensor ODS-US002 Occupancy Dimming Sensor	(Blank) No Emergency Driver EM5 600 Lumens EM10 1200 Lumens EM13 1560 Lumens	HD03R Sensor remote control

¹ Remote control Required for programming (sold separately)



Job Name: _____

Type: _____

Part #: _____

Notes: _____

ELECTRICAL

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
LLSW-LKFS	Lumens	4245	4311	4208	4820	4941	4792	6226	6499	6056
	Watts	29	28	29	34	33	34	46	45	46
	Efficacy	145	152	143	143	150	141	135	146	130
	Input Current (A)	120V = 0.24A	120V = 0.23A	120V = 0.24A	120V = 0.28A	120V = 0.28A	120V = 0.28A	120V = 0.38A	120V = 0.38A	120V = 0.38A
		240V = 0.12A	240V = 0.12A	240V = 0.12A	240V = 0.14A	240V = 0.14A	240V = 0.14A	240V = 0.19A	240V = 0.19A	240V = 0.19A
		277V = 0.10A	277V = 0.10A	277V = 0.10A	277V = 0.12A	277V = 0.12A	277V = 0.12A	277V = 0.17A	277V = 0.16A	277V = 0.17A

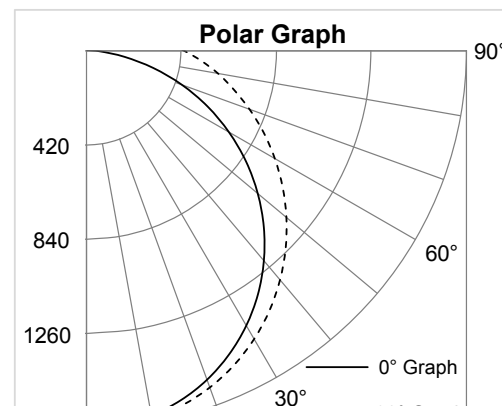
PHOTOMETRIC DATA

LLSW-LKFS Luminaire Data

Description	Stairwell Luminaire LKFS 50K
Total Lumens	6056
Input Wattage	46
Efficacy (lm/W)	131
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.32

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	617	10.2%
0-30°	1,315	21.7%
0-40°	2,169	35.8%
20-50°	2,462	40.7%
40-70°	2,492	41.1%
0-60°	3,937	65.0%
0-80°	5,198	85.8%
0-90°	5,547	91.6%
90-180°	509	8.4%



ODS-US002

Occupancy Dimming Sensor

Technical Data:

Detection Area: 100%/75%/50%/25%

Hold-time: 5s/30s/1min/3 min/5min/10min/20min/30min

Daylight Threshold: 2lux/10lux/30lux/50lux/80lux/120lux/Disable

Stand-by Period: 0s/10s/30s/min/5min/10min/30min/+∞

Stand-by Dimming Level: 10%/20%/30%/50%

Detection Range: DxH. (Radius)1.5-4mx5m (ceiling mounted)

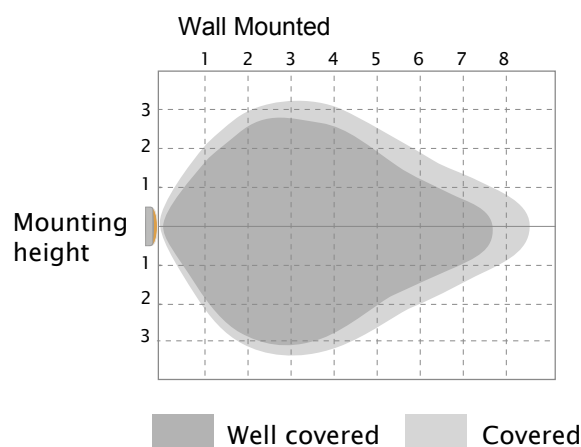
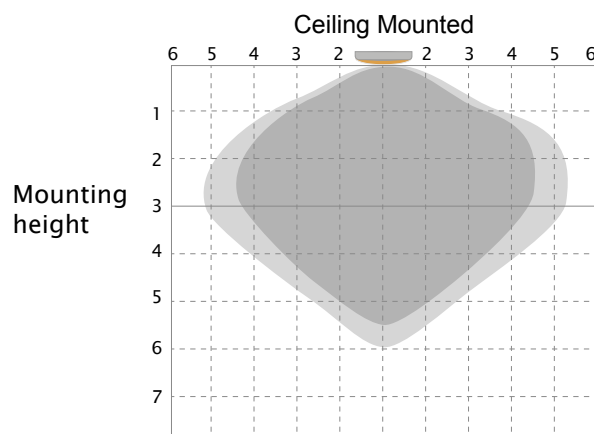
Detection Angle: 360°(ceiling mounted); <150° (Wall Mounted)

Warranty: 5 Year Limited Warranty



Detection coverage (Unit: m)

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



HD03R

Remote for ODS Occupancy Dimming Sensor and OS Passive Infrared

Selectable Detection Area: 100%/75%/50%/25%.

Hold Time: 5s/30s/1min/3min /5min/10min/20min/30min

Stand-by Dimming Level: 10%/20%/30%/50%.)

Stand-by Period: 0s/10s/30s/1min/5min/10min/30min/+∞.)

Selectable Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

