

PROJECT NAME: _____
ITEM #: _____
FIXTURE SCHEDULE: _____
NOTES: _____

WHL-SW-LKFS

STANDARD

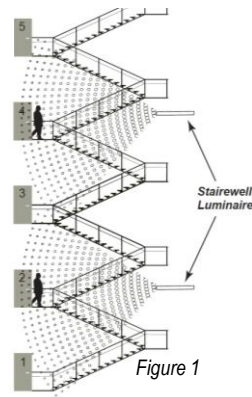


FEATURES

- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) 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.
- 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).
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.

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



WARRANTY & LISTINGS

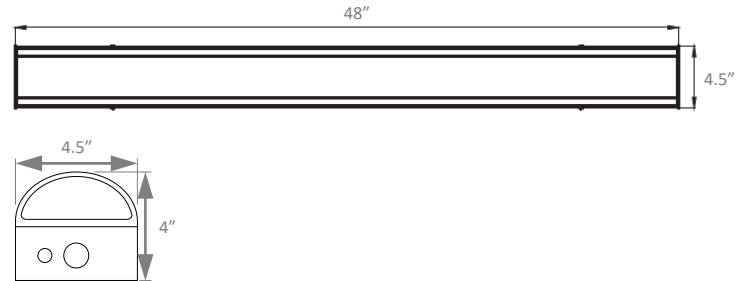
- cULus listed for damp locations ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- cULus 1598 and 924 listed.*
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-1991, input transient protection (2.0kV).
- 5-year warranty of all electronics and housing.

* UL 924 listed when used with emergency drivers.

MOUNTING OPTIONS

- Surface Mounting

DIMENSIONS



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

ORDERING INFORMATION

Example: WHL-SW-LKFS-ODS-EM5

Series	Lumen Output/ Color Temperature		Occupancy Sensor + Dimming ^{1,2}		Optional Emergency Driver		Accessories (Order Separately)	
	Selectable Lumens	Selectable CCT	Blank	No Sensor	EM5	600 lumens	HD03R	Sensor remote control
WHL-SW LKFS*			ODS	Occupancy Dimming Sensor	EM10	1200 lumens		
					EM13	1560 lumens		
					Blank	No emergency driver		

¹ Remote control Required for programming (sold separately).

² Default sensor settings: detection area = 100%, hold time = 5 seconds, daylight threshold = disabled, stand-by period = 0 seconds, stand-by dimming level = 10%

ELECTRICAL

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WHL-SW-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

**WHL-SW-LKFS
Luminaire Data**

Description	Stairwell Luminaire LKFS - 5K
Total Lumens	6,056
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%
0-180°	6,056	100.0%

