

PSW-LKFS

Lumen and Kelvin Field Selectable Stairwell Luminaire

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 (L₇₀), and 58,000 hours with at least 90% of initial lumen output (L₉₀).**
- 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.
- Specifically designed to sense motion and illuminate both up and down stairwells (see figure 1).
- Optional occupancy dimming sensor available.
- Easy installation in new construction or retrofit.

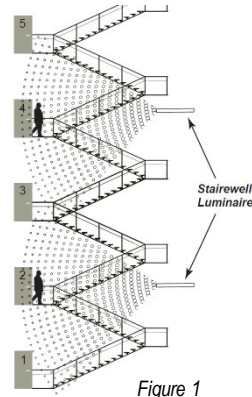


Figure 1

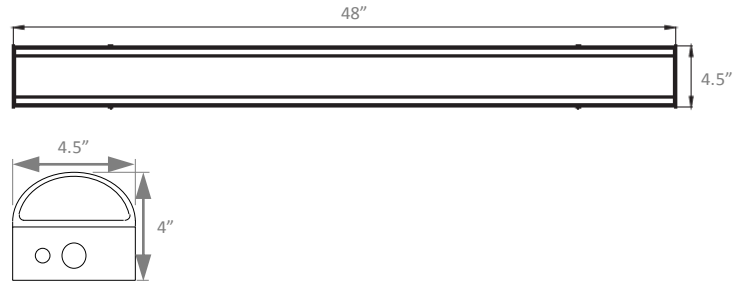
WARRANTY & LISTINGS

- 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.

MOUNTING OPTIONS

- Surface Mounting

DIMENSIONS



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

* Contact factory for other color temperatures and lumen packages.
 ** L₇₀ hours are IES TM-21-11 calculated hours.

ORDERING INFORMATION

Example: PSW-LKFS-ODS-EM8

| Series | Lumen Output/ Color Temperature | | Occupancy Sensor + Dimming ^{1,2} | | Optional Emergency Driver | | Accessories (Order Separately) | |
|--------|------------------------------------|-------------------------------------|--|--|------------------------------|---|-----------------------------------|-----------------------|
| | LKFS* | Selectable Lumens Selectable CCT | Blank ODS | No Sensor Occupancy Dimming Sensor | EM5 EM10 EM13 Blank | 600 lumens 1200 lumens 1560 lumens No emergency driver | HD03R | Sensor remote control |
| PSW | | 4,200 lm 4,800 lm 6,000 lm | | | | | | |
| | *Field selectable | 3500k 4000k 5000k | | | | | | |

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 |
| PSW-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

PSW-LKFS

Luminaire Data

| | |
|--------------------------------|----------------------------------|
| Description | Stairwell Luminaire LKFS - 5K |
| Total Lumens | 6,056 |
| Input WaK age | 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% |

