

WHL-WR-5L-LKFS

STANDARD



FEATURES

- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L_{70}), and 60,000 hours with at least 90% of initial lumen output (L_{90}).**
- LED chromaticity based on ≤ 4 -step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- WR-5L-LKFS provides a range of 4,100 to 5,800 nominal lumens and 132 to 154 lumens per watt (LPW).*
- 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 .
- Steel housing and PMMA lens.
- Optional emergency drivers and occupancy sensors are available.
- Easy installation in new construction or retrofit.

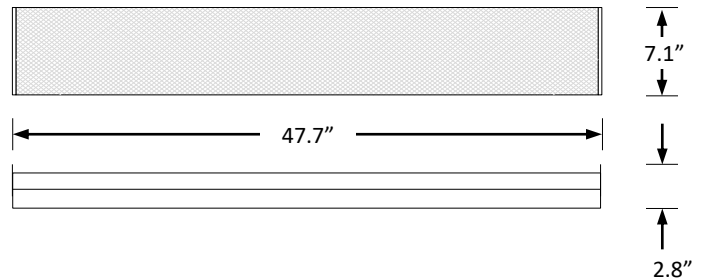
* Contact factory for other color temperatures and lumen packages.

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

WARRANTY & LISTINGS

- cULus approved for damp locations in ambient temperatures from -20°C to 60°C (-4°F to 140°F).
- DLC approved.
- Complies with FCC Part 15, Class B.
- Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.5kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS



Weight: 8 lbs.

ORDERING INFORMATION

Example: WHL-WR-5L-LKFS-ODS-EM10

| Series | Nominal Lumen Output | | Select | Occupancy Sensor ^{1,2} | | Internally Installed Emergency Drivers ³ | |
|--------|----------------------|----------------------|--------|---------------------------------|---------------------|---|---------------------|
| | 5L | 5,000 nominal lumens | | OS | Passive infrared | EM10 | 1,320 lumens |
| WHL-WR | 5L | 5,000 nominal lumens | LKFS | ODS | Microwave | EM13 | 1,720 lumens |
| | | | | Blank | No occupancy sensor | Blank | No emergency driver |

¹ Contact factory for other sensors.

² OS = passive infrared technology – features include on/off only. ODS = microwave technology – features include on/off, step-dimming, and daylight threshold. Default sensor settings: detection area = 100%, hold time = 5 seconds, stand-by period = 0 seconds, stand-by dimming level = 10%, daylight threshold = disabled. Remote control required to adjust factory settings, part number = HD03R.

³ See emergency driver compatibility list (page 2).

WHL-WR-5L-LKFS

COMPATIBLE EMERGENCY DRIVERS*

| Emergency Driver Part Number | EM10 | | EM13 | |
|------------------------------|-------|-----------|-------|-----------|
| | Watts | EM Lumens | Watts | EM Lumens |
| WHL-WR-5L-LKFS | 10 | 1320 | 13 | 1720 |

* Suitable for ambient temperatures above 10°C (50°F).

COMPATIBLE EMERGENCY DRIVERS INTERNALLY INSTALLED^{1,2}

| Model | Emergency Options |
|----------------|-------------------|
| WHL-WR-5L-LKFS | EM10 EM13 |

¹ Suitable for ambient temperatures above 10°C (50°F).

² For list of remote mountable emergency drivers, see *ACCESSORIES*.

ACCESSORIES (Order Separately)

Remote Mount Emergency Drivers*

BLEM-CP-5C

BLEM-CP-10C

BLEM-CP-13C

* Suitable for ambient temperatures above 10°C (50°F).

COMPATIBLE DIMMERS

| Manufacturer | Model Number | Dimming Range | Load Switching Capacity |
|--------------|--------------|---------------|-------------------------|
| Warelight | DWS-010V-T | 10%-100% | 600W |
| Warelight | DWS-010V-D | 10%-100% | 600W |
| Leviton | IP710-LFZ | 10%-100% | 1200W |
| Lutron | DVSTV | 10%-100% | 450W |



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WHL-WR-5L-LKFS

ELECTRICAL DATA

| Series | Measurements | Low Lumens | | | Mid Lumens | | | High Lumens | | |
|----------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K | 3500K | 4000K | 5000K |
| WHL-WR-5L-LKFS | Lumens | 4155 | 4336 | 4233 | 4750 | 4932 | 4817 | 5423 | 5837 | 5503 |
| | Watts | 30 | 28 | 30 | 35 | 32 | 35 | 41 | 39 | 41 |
| | Efficacy | 138 | 154 | 141 | 135 | 152 | 137 | 132 | 149 | 134 |
| | Input Current (A) | 120V = 0.25A | 120V = 0.23A | 120V = 0.25A | 120V = 0.29A | 120V = 0.27A | 120V = 0.29A | 120V = 0.34A | 120V = 0.33A | 120V = 0.34A |
| 240V = 0.13A | | 240V = 0.12A | 240V = 0.13A | 240V = 0.15A | 240V = 0.13A | 240V = 0.15A | 240V = 0.17A | 240V = 0.16A | 240V = 0.17A | |
| 277V = 0.11A | | 277V = 0.10A | 277V = 0.11A | 277V = 0.13A | 277V = 0.12A | 277V = 0.13A | 277V = 0.15A | 277V = 0.14A | 277V = 0.15A | |

PHOTOMETRIC DATA

WHL-WR-5L-LKFS

Luminaire Data

| | |
|-----------------------------|-------------------------------|
| Description | 4' WRAP LIGHT 5L 5K - LKFS |
| Total Lumens | 5,504 |
| Input Wattage | 41 |
| Efficacy (lm/W) | 134 |
| Spacing Criterion (0-180°) | 1.28 |
| Spacing Criterion (90-270°) | 1.22 |

Zonal Lumen Summary

| Zone | Lumens | %Fixt |
|---------|--------|--------|
| 0-20° | 665 | 12.1% |
| 0-30° | 1,403 | 25.5% |
| 0-40° | 2,280 | 41.4% |
| 20-50° | 2,514 | 45.7% |
| 40-70° | 2,339 | 42.5% |
| 0-60° | 3,986 | 72.4% |
| 0-80° | 5,034 | 91.5% |
| 0-90° | 5,228 | 95.0% |
| 90-180° | 276 | 5.0% |
| 0-180° | 5,504 | 100.0% |

