

HWR-LKFS

Lumen and Kelvin Field Selectable Wrap Light

FEATURES

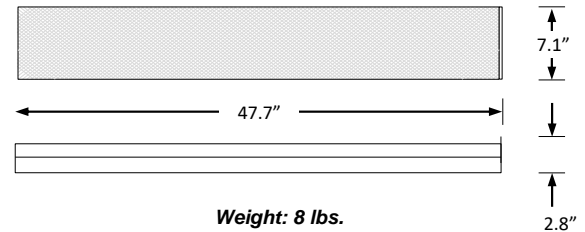
- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L_{70}), and 60,000 hours with at least 90% of initial lumen output (L_{90}).**
- LED chromaticity 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.



DIMENSIONS



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.

STANDARD



ORDERING INFORMATION

Example: HWR-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	1,390 lumens
HWR			LKFS	ODS	Microwave	EM13	1,780 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 optional but not required, part number = HD03R.

³ See emergency driver compatibility list (page 2).

COMPATIBLE EMERGENCY DRIVERS*

Emergency Driver Part Number	EM10		EM13	
	Watts	EM Lumens	Watts	EM Lumens
HWR-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
HWR-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-10C = Emergency driver - EM10

BLEM-CP-13C = Emergency driver - EM13

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

COMPATIBLE DIMMERS

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

ELECTRICAL DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
HWR-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

HWR-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%

