

WRE-LKFS

Lumen and Kelvin Field Selectable Wrap Light Economy

Project:	
Type:	
Catalog #:	



STANDARD



FEATURES

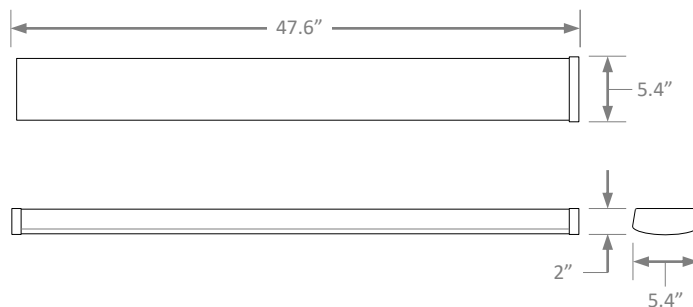
- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 196,000 hours of operation with at least 70% of initial lumen output (L₇₀), and 60,000 hours with at least 90% of initial lumen output (L₉₀).**
- LED chromaticity based on \leq 7-step ANSI quadrangles.
- Selectable lumen outputs range from 4,000, 5,000 to 6,000 nominal lumens.*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing.
- Polycarbonate lens.
- Easy installation in new construction or retrofit applications.

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

WARRANTY & LISTINGS

- cULus listed for damp locations in ambient temperatures from -25°C to 50°C (-13°F to 122°F).
- DLC approved.
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-2002, input transient protection (1.0kV).
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- 5-year warranty of all electronics and housing.

DIMENSIONS



Weight: 3.7 lbs.

ORDERING INFORMATION

Example: WRE-6L-LKFS

Series	Nominal Lumen Output		Select
WRE	6L	6,000 nominal lumens	LKFS

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ELECTRICAL DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WRE-LKFS	Lumens	3827	3925	3966	4756	5017	4936	5531	5880	5732
	Watts	30	30	30	39	39	39	47	45	47
	Efficacy	126	131	131	122	128	127	118	131	122
	Input Current (A)	120V = 0.25A	120V = 0.25A	120V = 0.25A	120V = 0.33A	120V = 0.33A	120V = 0.33A	120V = 0.39A	120V = 0.38A	120V = 0.39A
		240V = 0.13A	240V = 0.13A	240V = 0.13A	240V = 0.16A	240V = 0.16A	240V = 0.16A	240V = 0.20A	240V = 0.19A	240V = 0.20A
		277V = 0.11A	277V = 0.11A	277V = 0.11A	277V = 0.14A	277V = 0.14A	277V = 0.14A	277V = 0.17A	277V = 0.16A	277V = 0.17A

PHOTOMETRIC DATA

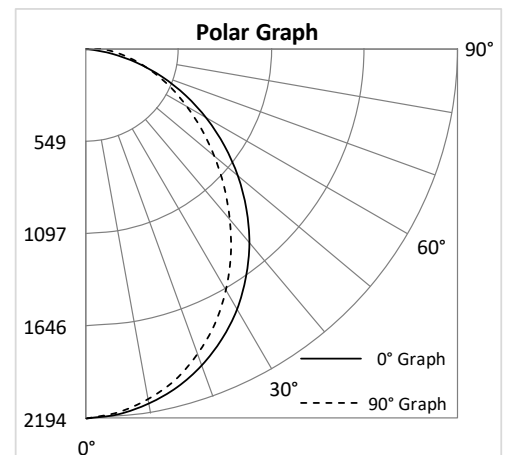
WRE-6L-LKFS

Luminaire Data

Description	ECONOMY 6L 5K - LKFS
Total Lumens	5,734
Input Wattage	47
Efficacy (lm/W)	123
Spacing Criterion (0-180°)	1.22
Spacing Criterion (90-270°)	1.14

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	795	13.9%
0-30°	1,667	29.1%
0-40°	2,683	46.8%
20-50°	2,897	50.5%
40-70°	2,517	43.9%
0-60°	4,560	79.5%
0-80°	5,568	97.1%
0-90°	5,694	99.3%
90-180°	40	0.7%
0-180°	5,734	100.0%



COMPATIBLE DIMMERS & CONTROLS

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