

DESCRIPTION

WRE is a 4' wrap that offers selectable color temperatures of 3500K (warm/neutral white), 4000K (neutral white), and 5000K (cool white). Built with long-life LEDs that provide up to 196,000 hours of operation at 70% of initial lumen output (L70), this light ensures lasting performance. It features selectable lumen outputs ranging from 4,000 to 6,000 nominal lumens with standard 0-10V DC dimming. Its steel housing and polycarbonate lens make for a durable and easy-to-install solution, whether for new construction or retrofitting. With high power factor (>0.90) and low total harmonic distortion (<20%), this fixture ensures efficient, high-quality illumination with a color rendering index greater than 80.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE

MODEL	LUMEN OUTPUT	CCT
WRE 4' Wrap	6L 6000 Lumen Package - Power Selectable	LKFS 35/40/50K Package - CCT Selectable

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.



SELECTABLE
POWER & CCT



PHYSICAL	HOUSING	Steel Housing, White Finish
	LENS	Polycarbonate Lens
	APPLICATION	For New Construction or Retrofit Applications
	OVERALL DIMENSIONS	47.6" L x 5.4" W x 2" H
	WEIGHT	3.7 Pounds
	OPERATING TEMPERATURE	-13° F to 122° F

ELECTRICAL	POWER (field selectable)	30 to 47 Watts; See "Light Distributions" Section Below.
	CURRENT	See "Light Distributions" Section Below.
	VOLTAGE	Universal 120-277VAC (50-60Hz)
	DRIVER	0-10vdc Dimming Driver
	SURGE SUPPRESSION	1kV Input Transient Surge Protection
	POWER FACTOR	> 0.90

PHOTOMETRIC	LED	Field Selectable 3500K, 4000K and 5000K
	COLOR RENDERING INDEX	> 80
	TOTAL HARMONIC DISTORTION	< 20%
	DELIVERED LUMEN OUTPUT	Up to 5880 Lumens
	EFFICACY	Up to 131 Lumens per Watt
	LUMEN MAINTENANCE*	L70 > 196,000 Hours L90 > 60,000 Hours

LIGHT DISTRIBUTIONS	MODEL	MEASUREMENTS	LOW LUMENS			MID LUMENS			HIGH LUMENS		
	WRE	CCT	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
		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 @ 120V	0.25A	0.25A	0.25A	0.33A	0.33A	0.33A	0.39A	0.38A	0.39A
		INPUT CURRENT @ 277V	0.11A	0.11A	0.11A	0.14A	0.14A	0.14A	0.17A	0.16A	0.17A

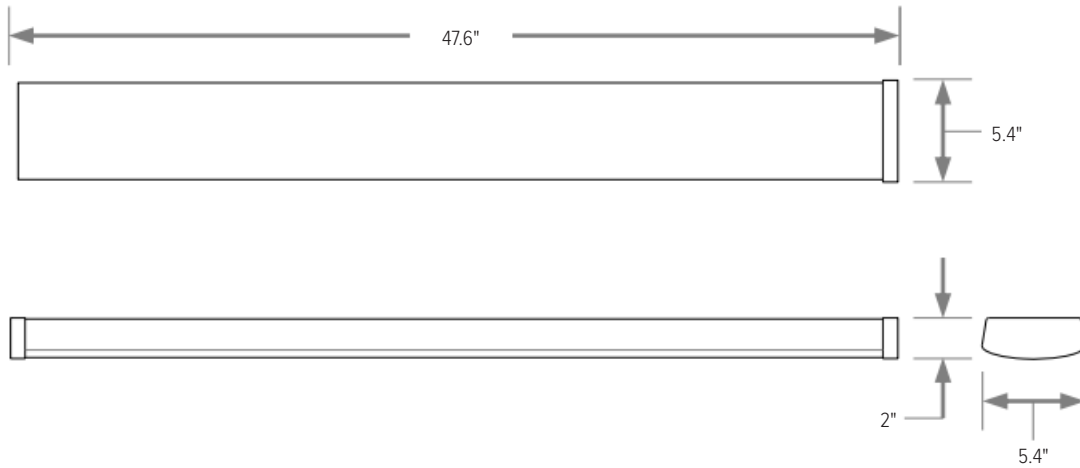
Values reflect delivered lumens at full output.

CERTIFICATIONS	SAFETY	UL Listed for Damp Locations
	OTHER CERTIFICATIONS	DLC Approved Flicker-Free per IEEE1789-2015
	FCC	Complies with FCC Part 15, Class B
	WARRANTY	Five Year Limited Warranty

*LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

DIMENSIONS

Dimensions are shown in inches.



PHOTOMETRICS

WRE-6L-LKFS Luminaire Data	
Description	4' Wrap Light @ 5000K
Total Lumens	5734
Input Wattage	47
Efficacy (lm/W)	123
Spacing Criterion (0-180°)	1.22
Spacing Criterion (90-270°)	1.14

WRE-6L-LKFS Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20°	795	13.9%
0-30°	1667	29.1%
0-40°	2683	46.8%
20-50°	2897	50.5%
40-70°	2517	43.9%
0-60°	4560	79.5%
0-80°	5568	97.1%
0-90°	5694	99.3%
90-180°	40	0.7%
0-180°	5734	100%

