

Economy Wrap Light

Lumen & Kelvin Selectable

FEATURES

- Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Signtex low-voltage central battery system.
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Signtex central battery, DC emergency power system.
- 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 < 7-step ANSI quadrangles.
- LED color maintenance < 0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 80.
- Steel housing and Polycarbonate lens.
- Easy installation in new construction or retrofit.

ELECTRICAL

- Operating temperature (ambient):
-20°C to 50°C (-4°F to 122°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 1.0kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%

CODES COMPLIANCE

- 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).

WARRANTY

- 5 year total customer satisfaction warranty.
For details see Signtex product catalog technical data section.

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

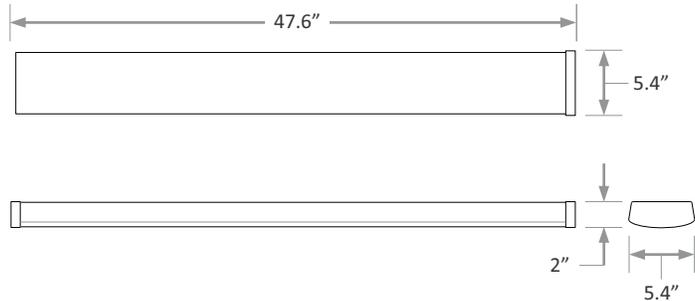
PROJECT:
TYPE:
CATALOG #:

emLITE
Series WRE

REV #: WRE.03.26.01



DIMENSIONS



Weight: 3.7 lbs.

STANDARD



OPTIONS



FIXTURE ORDERING INFORMATION EXAMPLE: WRE6LSLSK-ELCXX

SERIES	SIZE	SELECTABLE ¹		OPTIONS
		NOMINAL LUMENS	COLOR TEMP	
WRE	6L	SL 3,000/ 4,000/ 6,000	SK 3500K/ 4000K/ 5000K	ELCXX ² Emergency Lighting Control **XX**= Varies with fixture size and power. See Options table for complete part number

¹ Nominal values, See Electrical data for specific values.
² See ELC Power details table, Page2.

Economy Wrap Light Lumen & Kelvin Selectable **emLITE**

Series WRE

REV #: WRE.03.26.01

EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtux Lighting DC Central Battery System

MODEL	ELC10P3		ELC18P3	
	EPR ¹ WATTS (MIN.)	EM LUMENS ²	EPR WATTS (MAX.) ³	EM LUMENS
WRE-6L	10	1627	18	2,900

NOTE:

Emergency lumens are calculated based on efficacy in the MID-LUMEN range (4000K) from the Electrical Data Table. The value is adjustable through the EPR range shown above. For maximum efficiency, EPR should be set at the minimum level for compliance with NFPA Life Safety Code, based on photometric data for the fixture when installed.

To calculate lumen output within the EPR range given:

$$\text{Lumens} = \text{EPR (watts)} \times \text{Luminaire Efficacy (Lm/watt)}$$

¹ Emergency power rating (Factory Adjustable).

² Nominal output at 4000K and Efficacy in Mid-Lumen Range.

³ Maximum Emergency Power Rating (EPR).

ELECTRICAL DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WRE-SLSK	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

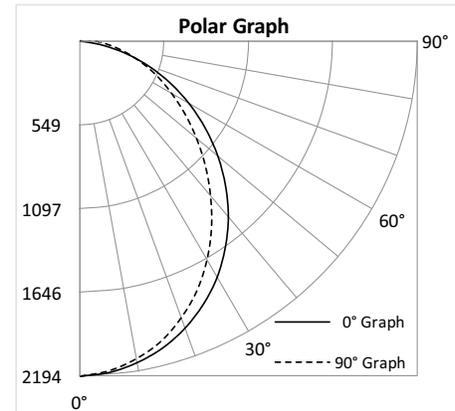
WRE-6L-SLSK

Luminaire Data

Description	4' WRAP LIGHT
Description	ECONOMY 6L 5K - SLSK
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 AND CONTROLS

Manufacturer	Model Number	Dimmer 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