

Economy Wall Pack Lumen & Kelvin selectable **emLITE**

Series WPE

REV #: WPE.04.26.10

EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtex Lighting DC Central Battery System

MODEL	ELC10P3		ELC20P3	
	EPR ¹ WATTS (MIN.)	EM LUMENS ²	EPR WATTS (MAX.) ³	EM LUMENS
WPE-4L	10	1,400	20	2,880

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).

*Color Temperatures with ELC installed:
3000K or 5000K Factory Set (Default set= 5000K)*

ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumen			Mid Lumen			High Lumen		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
WPE-4L-SLSK	3000K	0.12	0.06	0.05	0.16	0.08	0.07	0.23	0.12	0.10
	4000K	0.12	0.06	0.05	0.16	0.08	0.07	0.23	0.11	0.10
	5000K	0.12	0.06	0.05	0.16	0.08	0.07	0.24	0.12	0.10

LUMEN TABLES

Series	Measurements	Low Lumen			Mid Lumen			High Lumen		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPE-4L-SLSK	Lumens	2,009	2,081	2,072	2,659	2,788	2,724	3,802	3,948	3,923
	Watts	14.4	14.05	14.58	19.27	18.73	19.07	28.13	27.47	28.64
	Efficacy	139.51	148.11	142.11	137.99	148.85	142.84	135.16	143.72	136.98

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

PHOTOMETRICS

WPE-4L-SLSK

Luminaire Data

Description	Economy Wall Pack CCT and Lumen Select
Total Lumens	3,325
Input Wattage	28
Efficacy (lm/W)	118
Max. Cd.	1405.632 (360H, 30V)
IES Classification	Type IV
Longitudinal Classification	Very Short

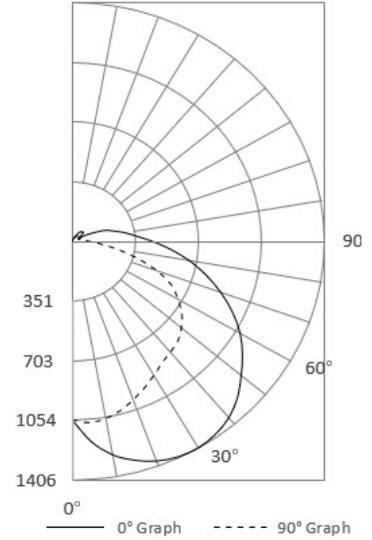
Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	452	11.9%
FM 30-60	1,108	29.1%
FH 60-80	638	16.8%
FVH 80-90	190	5.0%
BL 0-30	206	5.4%
BM 30-60	228	6.0%
BH 60-80	98	2.5%
BVH 80-90	24	0.6%
UL 90-100	139	3.7%
UH 100-180	240	6.3%
Total	3,325	87.5%
BUG Rating	B1-U3-G2	

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	659	19.8%
0-60°	1,995	60.0%
0-80°	2,731	82.1%
80-90°	214	7.3%*
0-90°	2,946	88.6%
90-110°	228	6.8%
110-180°	0	0.0%
0-180°	3,325	100.0%

180° **Polar Graph**



Photometrics calculated at 3000k, and highest lumen output

* 80-90° glare zone is calculated by dividing the lumens in that zone by the lumen total in the 0-90° zone

DISTRIBUTOR

Contact **Signtex** for layout assistance.
Code compliant emergency lighting layouts provided!
Specifications and dimensions subject to change without notice.