solutions for Lighting

Date:	Approved:
Type:	
Fixture:	
Project:	

Economy Wall Packs

LS-WPE

STANDARD

CERTIFIED · DLC PREMIUM · FC · WET · 2.5 kV Surge Protection · IP65

FEATURES

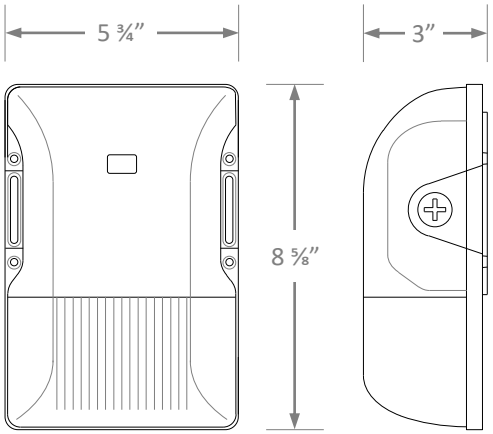
- *Available in 3000k, (warm white),4000k (neutral white), and 5000k (cool white) color temperatures.**
- *Long-life LEDs provide at least 70% of initial lumen output (L_{70}) for ≥ 174,000 hours of operation, and at least 90% of initial lumen output (L_{90}) for ≥ 51,000 hours of operation.**
- *LED chromaticity based on ≤ 6-step ANSI quadrangles.*
- *LED color maintenance ≤ 0.002 chromaticity shift ((Δu'v') over the initial 6,000 of operation.*
- *Provides a range of 2,614 to 2,794 nominal lumens and 134 to 144 nominal lumens per watt (lm/W).*
- *0-10vdc dimming drivers, which provide 10% continuous dimming are standard.*
- *Universal 120-277 AC voltage (50-60Hz) is standard.*
- *Power factor > 0.90.*
- *Total harmonic distortion < 20%.*
- *Color rendering index (R_a) > 80. Red color rendering > -8.*
- *Cast aluminum housing with dark bronze, powder coat finish.*
- *Integral photocell is standard.*
- *Diffused polycarbonate lens.*
- *Two ½" NPT threaded openings.*
- *Easy installation in new construction or retrofit applications.*

* *Contact factory for other color temperatures and lumen packages.*
** *L_{70} & L_{90} hours are IES TM-21-11 calculated hours.*

WARRANTY & LISTINGS

- *cULus listed for wet locations in ambient temperatures from -30°C to 45°C (-22°F to 113°F).*
- *IP65 rated for ingress protection.*
- *DLC 5.1 premium approved.*
- *Complies with FCC Part 15, class B.*
- *Surge immunity protection (2.5kV).*
- *5-year warranty of all electronics and housing.*

DIMENSIONS



ORDERING INFORMATION

Example: LS-WPE-3L-5K

Series	Nominal Lumen Output		Color Temperature	
LS-WPE	3L	3,000 lumens	3K	3000k
			4K	4000k
			5K	5000k

ELECTRICAL DATA

Model	Color Temperature	CRI [1]	Luminaire Lumens	Luminaire Watts	Lumens/ Watt	Input Voltage[2]	Input Current (A)			Power Factor	THD [3]	L_{70} Hours[4]
							120V	240V	277V			
LS-WPE-3L-3K	3000k	>80	2,614	19	134	120-277	0.16	0.08	0.07	>0.90	<20%	174,000
LS-WPE-3L-4K	4000k	>80	2,794	19	144	120-277	0.16	0.08	0.07	>0.90	<20%	174,000
LS-WPE-3L-5K	5000k	>80	2,745	19	142	120-277	0.16	0.08	0.07	>0.90	<20%	174,000

[1] Color rendering index.
[2] All 50-60Hz.
[3] Total harmonic distortion.
[4] L_{70} refers to the number of hours at which lumen output declines to 70% of the initial level. L_{70} hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LS-WPE-3L-4K

Luminaire Data

Description	Economy Wall Pack 3L, 4K
Total Lumens	2,794
Input Wattage	19
Efficacy (lm/W)	144
Max. Cd.	1066.59 (360H, 10V)
IES Classification	Type IV
Longitudinal Classification	Very Short

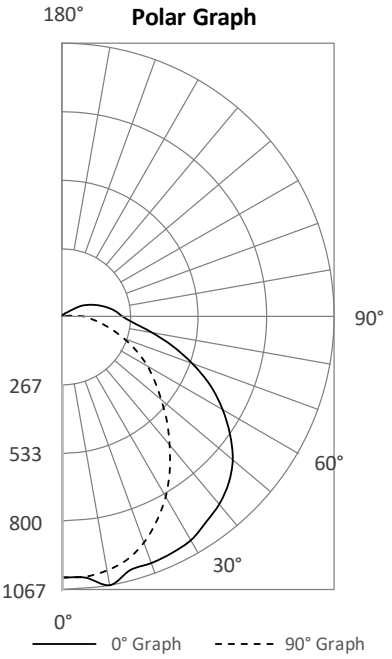
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	744	26.6%
0-60°	1,888	67.6%
0-80°	2,399	85.8%
80-90°	137	5.4%*
0-90°	2,536	90.8%
90-110°	157	5.6%
110-180°	0	0.0%
0-180°	2,794	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	406	14.5%
FM	30-60	803	28.7%
FH	60-80	404	14.5%
FVH	80-90	113	4.0%
BL	0-30	338	12.1%
BM	30-60	342	12.2%
BH	60-80	106	3.8%
BVH	80-90	24	0.9%
UL	90-100	93	3.3%
UH	100-180	165	5.9%
Total		2,794	100.0%
BUG Rating		B1-U3-G2	

Polar Graph



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