

OVERVIEW

High-quality outdoor area light, adjustable through ninety degrees to optimize lighting pattern required. The optional factory-installed Sigtex Emergency Lighting Control option ensures full emergency code compliance at the lowest possible cost.

PROJECT:

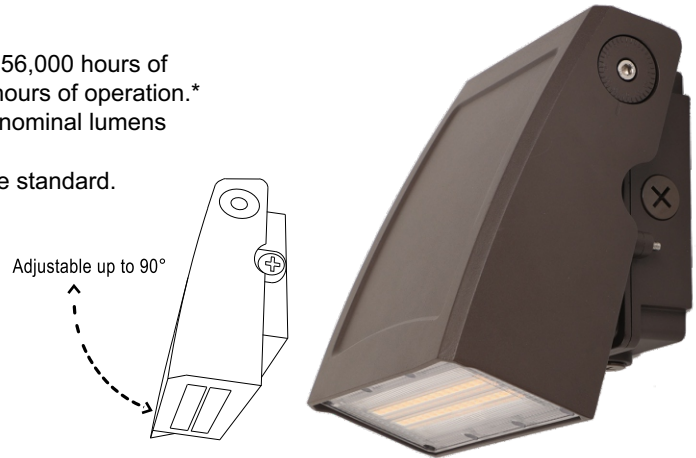
TYPE:

CATALOG #:

SPECIAL FEATURES

- **Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Sigtex low-voltage central battery system.**
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Sigtex central battery, DC emergency power system.
- Field Selectable 3000k, 4000k and 5000k color temperatures.
- Long-life LEDs provide at least 70% of initial lumen output (L_{70}) for > 56,000 hours of operation, and at least 90% of initial lumen output (L_{90}) for > 17,000 hours of operation.*
- Provides a range of 2,680 to 10,824 nominal lumens and 113 to 118 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 (Ra) > 80. Red color rendering > 16.
- Cast aluminum housing with dark bronze, powder coat finish
- Polycarbonate lens.
- Two 1/2" NPT threaded openings.
- Easy installation in new construction or retrofit applications.

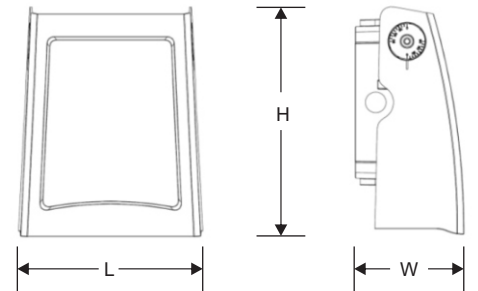
* L70 hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F)
- IP65 rated for ingress protection.
- DLC Premium approved.
- Complies with FCC Part 15, class B.
- Surge immunity protection (4kV).
- Complies with RoHS requirements.
- View Sigtex [Warranty](#) for further details

DIMENSIONS



	L	H	W	Weight(lbs.)
5L	6.5"	8"	4"	3
10L	8.5"	11"	5"	5

STANDARD



OPTIONS



FIXTURE ORDERING INFORMATION EXAMPLE: WPA-10L-SLSK-MV-ELC40P7

SERIES	SIZE	SELECTABLE ²		VOLTAGE	OPTIONS
		NOMINAL LUMENS	COLOR TEMP		
WPA	5L 5,000L	SL 3000LM 4000LM 5000LM	SK 3000K 4000K 5000K	MV 120-277VAC	ELCXXP7 ¹ Emergency Lighting Control **XX"= VARIES WITH FIXTURE SIZE AND POWER. SEE OPTIONS TABLE FOR COMPLETE PART NUMBER.
	10L 10,000L	SL 7000LM 9000LM 10000LM			

EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtex Lighting DC Central Battery System

ELC10P7		ELC40P7	
EPR ¹ WATTS (MIN.)	EM LUMENS ²	EPR WATTS (MAX.) ³	EM LUMENS
10	1160	40	3720

¹ EMERGENCY POWER RATING (FACTORY ADJUSTABLE)

² NOMINAL OUTPUT AT 4000K

³ MAX. EPR DEPENDS ON FIXTURE DRIVER MAX. OPERATING VOLTAGE

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:

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

ELECTRICAL DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPA-5L	Lumens	3044	3002	3307	3819	3842	4155	4646	5084	5049
	Watts	22	20	22	28	25	28	35	34	35
	Efficacy	142	154	154	137	151	149	133	151	145
	Input Current (A)	120V = 0.18A	120V = 0.17A	120V = 0.18A	120V = 0.23A	120V = 0.21A	120V = 0.23A	120V = 0.29A	120V = 0.28A	120V = 0.29A
		240V = 0.09A	240V = 0.08A	240V = 0.09A	240V = 0.12A	240V = 0.10A	240V = 0.12A	240V = 0.15A	240V = 0.14A	240V = 0.15A
		277V = 0.08A	277V = 0.07A	277V = 0.08A	277V = 0.10A	277V = 0.09A	277V = 0.10A	277V = 0.13A	277V = 0.12A	277V = 0.13A

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPA-10L	Lumens	6536	7028	7107	8339	9032	9056	9746	10,734	10,578
	Watts	46	45	46	61	59	61	74	71	74
	Efficacy	142	157	154	137	153	148	132	150	142
	Input Current (A)	120V = 0.38A	120V = 0.38A	120V = 0.38A	120V = 0.51A	120V = 0.49A	120V = 0.51A	120V = 0.62A	120V = 0.59A	120V = 0.62A
		240V = 0.19A	240V = 0.19A	240V = 0.19A	240V = 0.25A	240V = 0.25A	240V = 0.25A	240V = 0.31A	240V = 0.30A	240V = 0.31A
		277V = 0.17A	277V = 0.16A	277V = 0.17A	277V = 0.22A	277V = 0.21A	277V = 0.22A	277V = 0.27A	277V = 0.26A	277V = 0.27A

PHOTOMETRIC DATA

WPA-5L

Luminaire Data

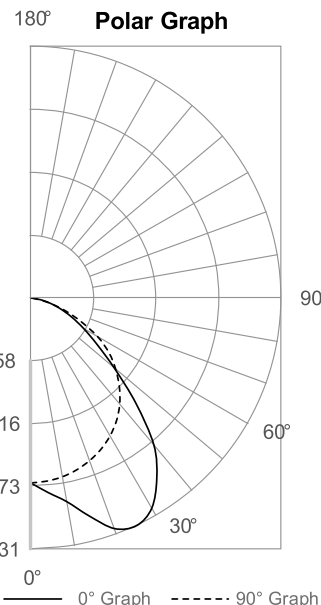
Description	Adjustable Wall Pack 5L 5K
Total Lumens	5,049
Input Wattage	35
Efficacy (lm/W)	144
Max. Cd.	2634.18 (360H, 24V)
IES Classification	Type II
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	1,597	31.6%
0-60°	4,386	86.9%
0-80°	5,018	99.4%
80-90°	31	0.6%*
0-90°	5,049	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	5,049	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	922	18.3%
FM	30-60	1,810	35.8%
FH	60-80	488	9.7%
FVH	80-90	25	0.5%
BL	0-30	674	13.4%
BM	30-60	979	19.4%
BH	60-80	144	2.9%
BVH	80-90	6	0.1%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		5,049	99.8%
BUG Rating		B2-U0-G1	



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

WPA-10L

Luminaire Data

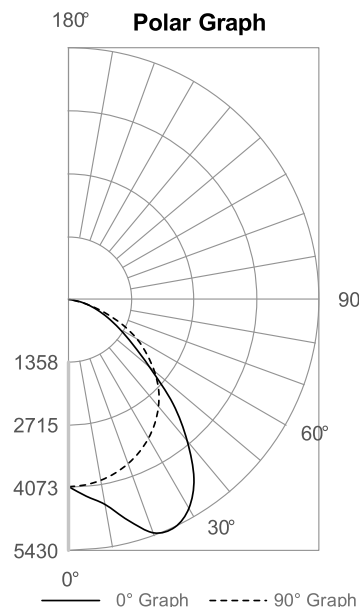
Description	Adjustable Wall Pack 10L 5K
Total Lumens	10,578
Input Wattage	74
Efficacy (lm/W)	143
Max. Cd.	5440.72 (360H, 23V)
IES Classification	Type II
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	3,356	31.7%
0-60°	9,188	86.9%
0-80°	10,510	99.4%
80-90°	68	0.6%*
0-90°	10,578	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	10,578	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	1,924	18.2%
FM	30-60	3,727	35.2%
FH	60-80	999	9.4%
FVH	80-90	53	0.5%
BL	0-30	1,432	13.5%
BM	30-60	2,104	19.9%
BH	60-80	324	3.1%
BVH	80-90	14	0.1%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		10,578	100.0%
BUG Rating		B3-U0-G1	



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