Envoy LIGHTING

Job Name:

Type:

Part #:

Notes:

# ELEDWPSN–PRM

## 35 – 120 Watt LED Wall Packs



ELEDWPSN is a series of premium, rugged, durable LED wall packs, which are perfect for outdoor perimeter and area lighting. With a die cast aluminum housing and a polycarbonate lens, the ELEDWPSN will stand up to many years of punishing environmental conditions. High–efficacy, long–life LEDs provide both energy and maintenance cost savings compared to traditional, HID wall packs.

## FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long–life LEDs provide 141,000 hours of operation with at least 70% of initial lumen output (L70).**
- ELEDWP35SN–PRM provides 4,632 lumens & 129 lumens per watt (LPW) at 4000k; or 4,726 lumens & 131 LPW at 5000k.*
- ELEDWP55SN–PRM provides 7,588 lumens & 133 LPW at 4000k; or 7,728 lumens & 136 LPW at 5000k.*
- ELEDWP80SN–PRM provides 9,486 lumens & 123 LPW at 4000k; or 9,680 lumens & 126 LPW at 5000k.*
- ELEDWP100SN–PRM provides 13,065 lumens & 129 LPW at 4000k; or 13,295 lumens & 132 LPW at 5000k.*
- ELEDWP120SN–PRM provides 15,523 lumens & 130 LPW at 4000k; or 15,787 lumens & 133 LPW at 5000k.*
- Uniform illumination with no visible LED pixilation.
- Universal 120–277 AC voltage (50–60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with dark bronze, powder coat paint.
- Polycarbonate lens with seamless, silicone gasket to prevent leaks. Polycarbonate has F1 rating to avoid discoloration.
- Internal bubble level facilitates level installation.
- Easy installation in new construction or retrofit.

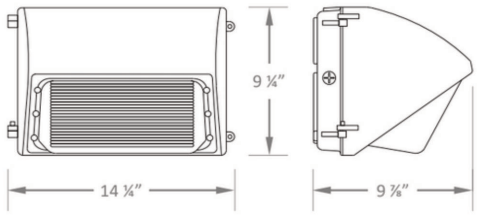
*Contact factory for other color temperatures and lumen packages
**$L_{70}$ hours are IES TM–21–11 calculated hours

## WARRANTY & LISTINGS

- cULus listed for wet locations (–20°C to 45°C / –4°F to 113°F).
- IP65 rated.
- DLC premium approved.
- Complies with FCC Part 15 class B.
- Complies with EN61000–4–5, surge immunity (minimum 2kV).
- 5–year warranty on all electronics and housing.

c UL us | DLC PREMIUM | WET | 2kV+ Surge Protection | FC | IP65

## DIMENSIONS




| | 40W | 60W | 80W | 100W | 120W |
|---|---|---|---|---|---|
| Weight (lbs.) | 7.0 | 7.3 | 8.0 | 8.3 | 8.3 |

## ORDERING INFORMATION

| MODEL | COLOR TEMPERATURE | LUMINAIRE LUMENS | LUMINAIRE WATTS | LUMENS PER WATT |
|---|---|---|---|---|
| ELEDWP35SN | 4K–PRM =4000k | 4,632 | 36 | 129 |
| | 5K–PRM =5000k | 4,726 | 36 | 131 |
| ELEDWP55SN | 4K–PRM =4000k | 7,588 | 57 | 133 |
| | 5K–PRM =5000k | 7,728 | 57 | 136 |
| ELEDWP80SN | 4K–PRM =4000k | 9,486 | 77 | 123 |
| | 5K–PRM =5000k | 9,680 | 77 | 126 |
| ELEDWP100SN | 4K–PRM =4000k | 13,065 | 101 | 129 |
| | 5K–PRM =5000k | 13,295 | 101 | 132 |
| ELEDWP120SN | 4K–PRM =4000k | 15,523 | 119 | 130 |
| | 5K–PRM =5000k | 15,787 | 119 | 133 |

Office: 215-512-7000 • Fax: 267-288-5604
www.EnvoyLighting.com

© 2021, Envoy Lighting, Inc. ALL RIGHTS RESERVED

Envoy LIGHTING

Job Name:

Type:

Part #:

Notes:

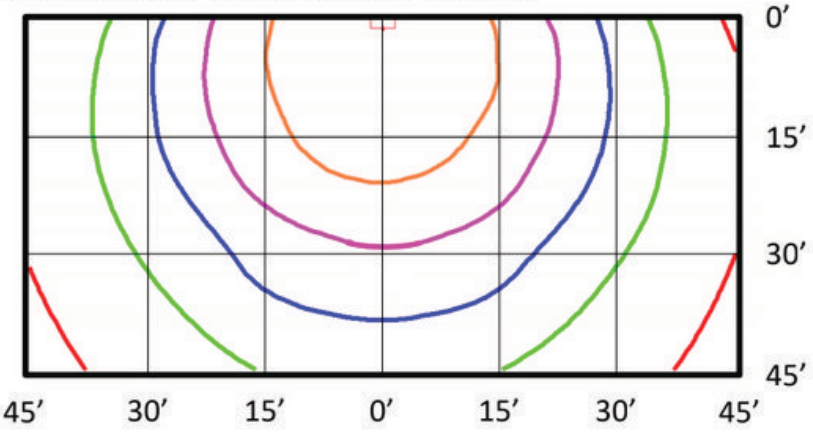
## ELECTRICAL DATA

| MODEL | COLOR TEMP | CRI[1] | LUMINAIRE LUMENS | LUMINAIRE WATTS | LUMENS PER WATT | INPUT VOLTAGE | INPUT CURRENT (A) 120V | 240V | 277V | POWER FACTOR | THD[2] | $L_{70}$ HOURS[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ELEDWP35SN | 4000k | > 80 | 4,632 | 36 | 129 | 120–277 (50–60Hz) | 0.30 | 0.15 | 0.13 | > 90% | < 20% | 141,000 |
| | 5000k | > 80 | 4,726 | 36 | 131 | 120–277 (50–60Hz) | 0.30 | 0.15 | 0.13 | > 90% | < 20% | 141,000 |
| ELEDWP55SN | 4000k | > 80 | 7,588 | 57 | 133 | 120–277 (50–60Hz | 0.48 | 0.24 | 0.21 | > 90% | < 20% | 141,000 |
| | 5000k | > 80 | 7,728 | 57 | 136 | 120–277 (50–60Hz) | 0.48 | 0.24 | 0.21 | > 90% | < 20% | 141,000 |
| ELEDWP80SN | 4000k | > 80 | 9,486 | 77 | 123 | 120–277 (50–60Hz) | 0.64 | 0.32 | 0.28 | > 90% | < 20% | 141,000 |
| | 5000k | > 80 | 9,680 | 77 | 126 | 120–277 (50–60Hz) | 0.64 | 0.32 | 0.28 | > 90% | < 20% | 141,000 |
| ELEDWP100SN | 4000k | > 80 | 13,065 | 101 | 129 | 120–277 (50–60Hz) | 0.84 | 0.42 | 0.36 | > 90% | <20% | 141,000 |
| | 5000k | > 80 | 13,295 | 101 | 132 | 120–277 (50–60Hz | 0.84 | 0.42 | 0.36 | > 90% | < 20% | 141,000 |
| ELEDWP120SN | 4000k | > 80 | 15,523 | 119 | 130 | 120–277 (50–60Hz) | 0.99 | 0.50 | 0.43 | > 90% | <20% | 141,000 |
| | 5000k | > 80 | 15,787 | 119 | 133 | 120–277 (50–60Hz) | 0.99 | 0.50 | 0.43 | > 90% | < 20% | 141,000 |

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

## PHOTOMETRIC DATA

**PLEDWP120SN-5K-PRM (15,787 Lumens)**




**Notes:**

- *Isofootcandle plots depict initial footcandles at grade.*
- *Gridlines represent units of mounting height of 15 feet.*

**Foot Candles**

- 5.0
- 2.0
- 1.0
- 0.5
- 0.2
- 0.1

**BUG Rating: B3-U4-G5**

| Zone | | Lumens | % |
|---|---|---|---|
| FL | - Front - Low (0-30) | 1,959 | 12% |
| FM | - Front - Medium (30-60) | 4,728 | 30% |
| FH | - Front - High (60-80) | 2,963 | 19% |
| FVH | - Front - Very High (80-90) | 953 | 6% |
| **Total Forward Light** | | **10,603** | **67%** |
| BL | - Back - Low (0-30) | 1,577 | 10% |
| BM | - Back - Medium (30-60) | 1,907 | 12% |
| BH | - Back - High (60-80) | 482 | 3% |
| BVH | - Back - Very High (80-90) | 74 | 0% |
| **Total Back Light** | | **4,041** | **26%** |
| UL | - Up Light - Low (90-100) | 594 | 4% |
| UH | - Up Light - High (100-180) | 549 | 3% |
| **Total Up Light** | | **1,143** | **7%** |
| **Total Lumens** | | **15,787** | **100%** |

Office: 215-512-7000 • Fax: 267-288-5604
www.EnvoyLighting.com
© 2021, Envoy Lighting, Inc. ALL RIGHTS RESERVED