# LANE BACKLIT PANEL

CORE™

## ESLPNL2450



### Key Features & Benefits:

- Four selectable wattages in one fixture SKU
- Five selectable CCTs from 3000K to 6500K
- 120–277V universal input
- CRI above 80
- Twenty configurations from one part number
- 5-year warranty

Project: Date:

Catalog #:

Notes:

### Product Specifications:

**Selectable Wattage:** 25W–34W–42W–50W
**Selectable Kelvin:** 3000K–3500K–4000K–5000K–6500K
**Max Lumen Output:** 6,250 Lumens
**Efficacy:** 125 lm/W
**Beam Angle:** 110°
**CRI:** >80
**Voltage:** 120–277 VAC
**Input Frequency:** 50/60 Hz
**Dimming:** 0–10V Dim-to-Off
**Operating Temperature:** -4°F to 113°F (-20°C to 45°C)
**Lifetime Rated:** 100,000 hrs
**Power Factor:** ≥0.90
**THD:** ≤20%
**Finish:** White
**Dimensions:** L47.76” x W23.74” x H1.38”
**Weight (lbs):** 7.83
**Warranty:** 5 Year

**PART NUMBER:**

**ESLPNL2450**

**2x4 Backlit Panel, 50W, CCT/Watt Selectable**

WARRANTY 5 YEAR WARRANTY

DIMMABLE 0–10V DIM-TO-OFF

DAMP LOCATION

5CCT SELECTABLE KELVIN

MULTI-WATT SELECTABLE WATTAGE

### Lumen Ambient Temperature (LAT) Multipliers:

| AMBIENT TEMP | | LUMEN MULTIPLIER |
|---|---|---|
| 0°C | 32°F | 1.02 |
| 10°C | 50°F | 1.01 |
| 20°C | 68°F | 1.00 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 1.00 |
| 40°C | 104°F | 0.99 |
| 50°C | 122°F | 0.96 |



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White

## Fixture Variants:

| PART NUMBERS | DESCRIPTION |
|---|---|
| ESLPNL2450 | Standard, 120–277 VAC |
| ESLPNL2450EM | w/ Integrated 8W Emergency Backup |

## Catalog Data:

| ITEM # | SELECTABLE WATTAGE | SELECTABLE KELVIN | MAX LUMEN OUTPUT | MAX EFFICACY | DIMENSIONS (LxWxH) |
|---|---|---|---|---|---|
| ESLPNL1440 | 20W–28W–34W–40W | 3000K–3500K–4000K–5000K–6500K | 5,000 Lumens | 125 lm/W | L47.76” x W11.85” x H1.38” |
| ESLPNL1440EM | 20W–28W–34W–40W | 3000K–3500K–4000K–5000K–6500K | 5,000 Lumens | 125 lm/W | L47.76” x W11.85” x H1.38” |
| ESLPNL2240 | 20W–28W–34W–40W | 3000K–3500K–4000K–5000K–6500K | 5,000 Lumens | 125 lm/W | L23.74” x W23.74” x H1.38” |
| ESLPNL2240EM | 20W–28W–34W–40W | 3000K–3500K–4000K–5000K–6500K | 5,000 Lumens | 125 lm/W | L23.74” x W23.74” x H1.38” |
| ESLPNL2450 | 25W–34W–42W–50W | 3000K–3500K–4000K–5000K–6500K | 6,250 Lumens | 125 lm/W | L47.76” x W23.74” x H1.38” |
| ESLPNL2450EM | 25W–34W–42W–50W | 3000K–3500K–4000K–5000K–6500K | 6,250 Lumens | 125 lm/W | L47.76” x W23.74” x H1.38” |

## Standard Voltage Electrical Load:

| SYSTEM WATTS | 120 VAC | 208 VAC | 240 VAC | 277 VAC | INPUT VOLTAGE | INPUT FREQUENCY | POWER FACTOR | THD | OPERATING TEMP | SURGE PROTECTION | DIMMING |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 0.17 | 0.10 | 0.08 | 0.07 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 25 | 0.21 | 0.12 | 0.10 | 0.09 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 28 | 0.23 | 0.13 | 0.12 | 0.10 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 34 | 0.28 | 0.16 | 0.14 | 0.12 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 40 | 0.33 | 0.19 | 0.17 | 0.14 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 42 | 0.35 | 0.20 | 0.18 | 0.15 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |
| 50 | 0.42 | 0.24 | 0.21 | 0.18 | 120–277 VAC | 50/60 Hz | ≥0.90 | ≤20% | -4°F to 113°F (-20°C to 45°C) | 2.5kV | 0–10V Dim-to-Off |



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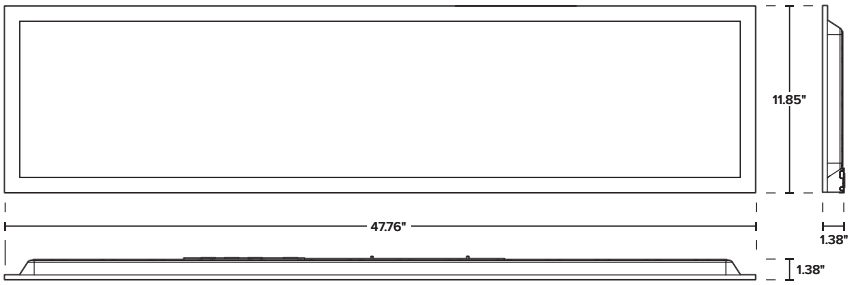
## Dimensions:

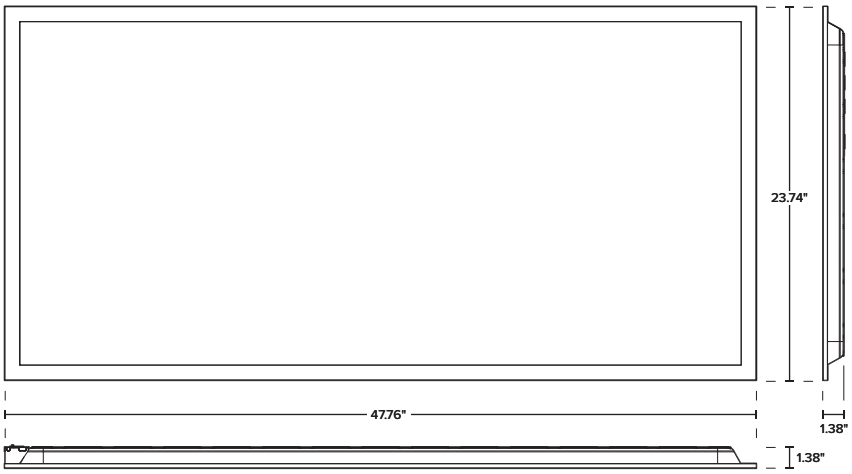
### 1X4 BACKLIT PANEL

**ESLPNL1440**



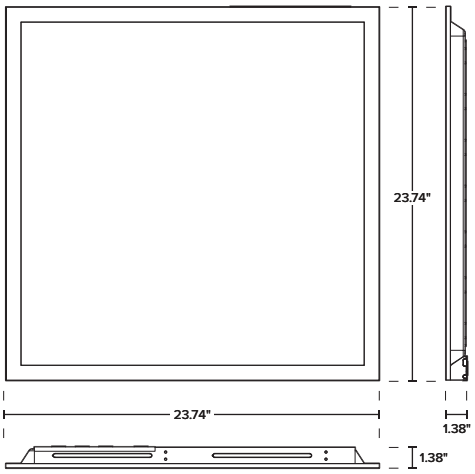

### 2X4 BACKLIT PANEL

**ESLPNL2450**




### 2X2 BACKLIT PANEL

**ESLPNL2240**



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