LANE BACKLIT PANEL

CORE™

ESLPNL2240EM

Project: Date:

Catalog #:

Notes:

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
- ESL-installed emergency battery backup, 90-minute minimum
- 5-year warranty

Product Specifications:

Selectable Wattage: 20W–28W–34W–40W
Selectable Kelvin: 3000K–3500K–4000K–5000K–6500K
Max Lumen Output: 5,000 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: L23.74” x W23.74” x H1.38”
Weight (lbs): 6.74
Warranty: 5 Year

5 YEAR WARRANTY | DIMMABLE 0–10V DIM-TO-OFF | DAMP LOCATION | INTEGRATED EMERGENCY Lighting

5 CCT SELECTABLE KELVIN | MULTI-WATT SELECTABLE WATTAGE

PART NUMBER:

ESLPNL2240EM

2x2 Backlit Panel, 40W, CCT/Watt Selectable, Emergency Backup

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
ESLPNL2240EM	w/ Integrated 8W Emergency Backup
ESLPNL2240	Standard, 120–277 VAC

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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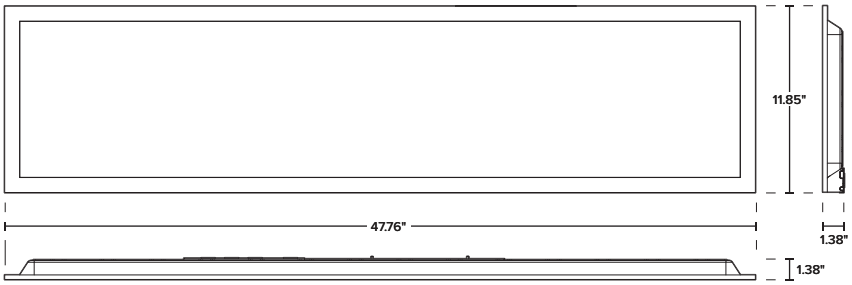
Dimensions:

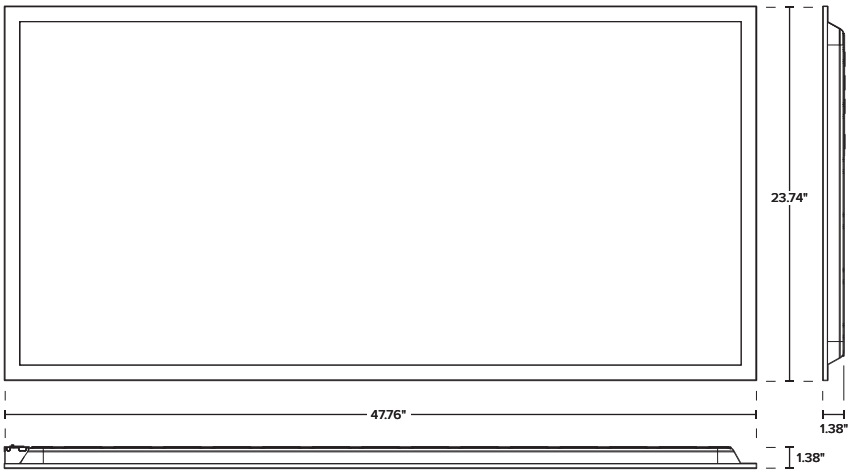
1X4 BACKLIT PANEL

ESLPNL1440



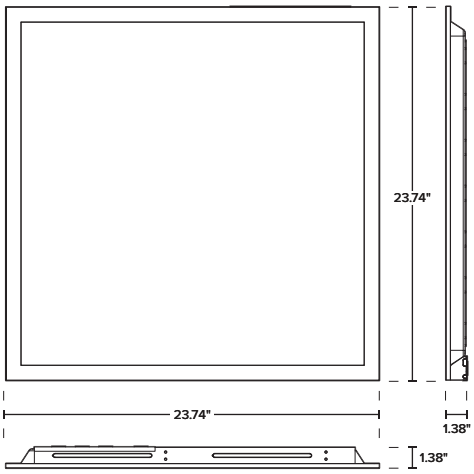
2X4 BACKLIT PANEL

ESLPNL2450



2X2 BACKLIT PANEL

ESLPNL2240



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