

**RATED
"IP50"
DUST PROOF**

**HIGH PERFORMANCE
IP50 DUST PROOF**

LDP14

LDP22

LDP24



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SIMKAR
CORPORATION
A DIVISION OF NEO LIGHTS HOLDINGS, INC.

ENERGY EFFICIENT SUPERIOR LIGHTING

The ultra-thin LDP Edgelit LED Flat Panels offer a contemporary look while delivering high-performance, edge-to-edge uniform illumination and outstanding energy efficiency. The LDP's are a perfect choice for both new construction and retrofits.

The LDP is offered in 1x4, 2x2 and 2x4 configurations that provide even illumination while delivering energy savings solutions. The LDP is IP50 Dust Proof and is perfect for schools, healthcare, offices, manufacturing, and commercial applications.

Simkar's LDP Edgelit LED Flat Panels provide a flawless look and a high uniformity of illumination levels throughout a space, while offering energy savings of up to 56%.

Because the LDP is IP50 Dust Proof, there is no build-up of dust, dirt, or pesky bugs within the fixture. The LDP is ideal for healthcare, offices, hospitality, schools, retail, and manufacturing applications. The LDP Series is DesignLights Consortium® Listed.

LDP Features & Benefits:

- Uniform edge-to-edge illumination provides a flawless appearance
- Edgelit LED light guide panel - free from glare and shadow
- Energy efficient - Up to 56% energy savings vs. fluorescent
- 50,000 hour operating life (L70) eliminates maintenance
- Excellent color rendition, >80 CRI
- Available in 3500K, 4000K, 5000K
- 120V - 277V, 0 - 10V dimming (standard)
- IP50 Dust Proof
- DesignLights Consortium® Qualified, DLC 4.0/4.1
- 5 Year warranty



LDP Edgelit LED Flat Panel Configuration

SERIES	SIZE	LUMENS*	COLOR TEMP.	VOLTAGE	ACCESSORIES
LDP	14 = 1x4 22 = 2x2 24 = 2x4	44L = 4400 lumens (40W) (1x4 and 2x2 only) 55L = 5500 lumens (50W) (2x4 only)	35 = 3500K 40 = 4000K (standard) 50 = 5000K	U1 = Universal 120-277V, 0 - 10V Dimming (standard)	ELSR = Emergency Backup, <i>Remote Only</i> (Consult Factory) FL6 = 3/8" - 6' Flex Cord with Two Connectors FL7 = 3/8" - 7' Flex Cord with Two Connectors GCK14 = 1x4 Drywall Kit GCK22 = 2x2 Drywall Kit GCK24 = 2x4 Drywall Kit SLDP14N = Surface box kit for 1x4 edge lit LED panels, post painted extruded aluminum frame SLDP22N = Surface box kit for 2x2 edge lit LED panels, post painted extruded aluminum frame SLDP24N = Surface box kit for 2x4 edge lit LED panels, post painted extruded aluminum frame

Please refer to Designlights Consortium® website for specific configuration listings. *See performance table for actual performance. All accessories are shipped separately and installed in the field.

Performance Data

Model	Size	Input Power	Light Output*	Efficacy	Color Temperature	Comparable Fluorescent	Operating Temperature
LDP1440L40U1	1x4	40W	4,475 lm	110.18 lm/W	4000K	2 32WT8	-4°F (-20°C) to 104°F (40°C)
LDP2240L40U1	2x2	40W	4,682 lm	116.49 lm/W		2-32W T8 U6	
LDP2450L40U1	2x4	47W	5,861 lm	124.47 lm/W		2 or 3 32WT8	

* Delivered lumens. ** Consult a lighting engineer to meet specific requirements