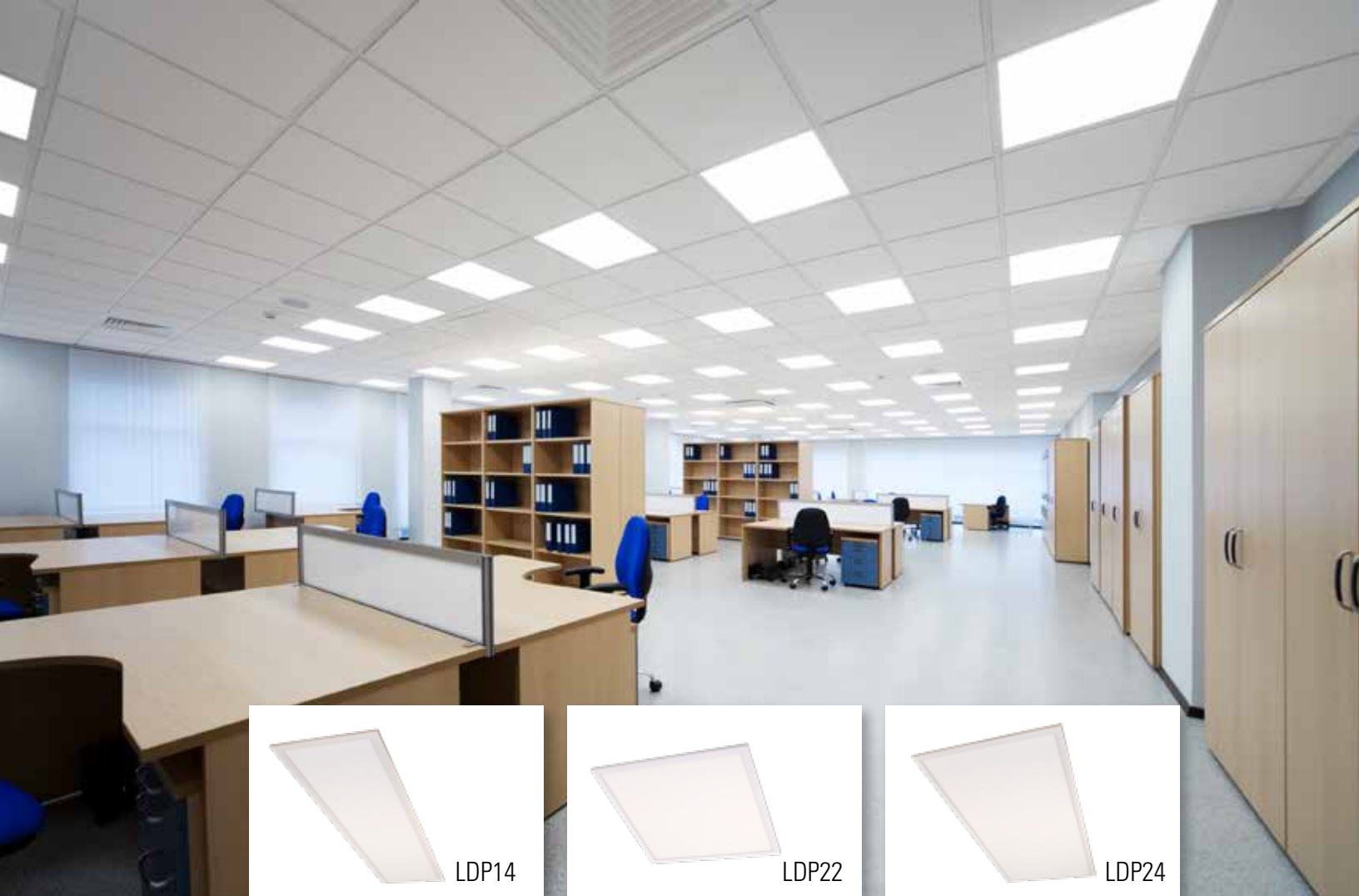


# LDP

led edgelit panel





# Refined Performance

**A contemporary look and feel,  
delivering high performance,  
edge-to-edge uniform illumination  
and outstanding energy efficiency**

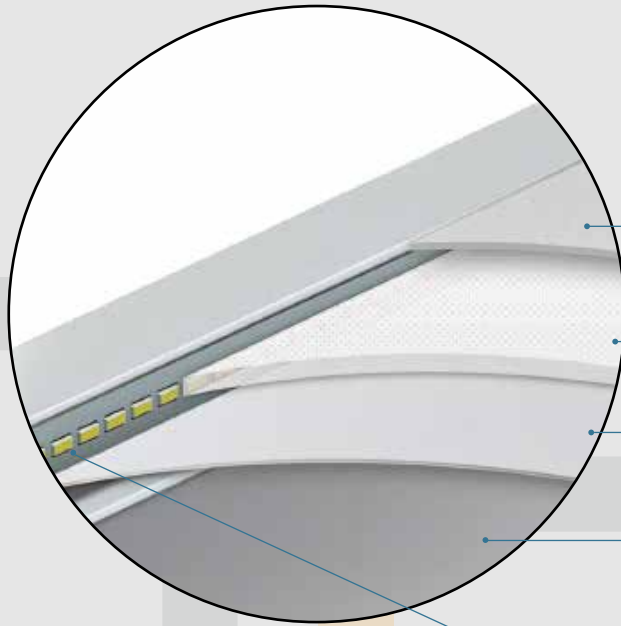
Simkar's LDP Edgelit LED Flat Panels provide a flawless look and uniform diffusion for uniformly illuminated spaces with energy savings of up to 56%.

The LDP is offered in 1x4, 2x2 and 2x4 configurations, producing up to 5,300 delivered lumens with efficacy of up to 111 lumens per watt. The LDP is IP50 Dust Proof and is perfect for use in applications such as offices, schools, healthcare facilities and manufacturing.



# Luminaire 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 and 5000K
- 120V-277V, 0-10V dimming (standard)
- IP50 Dust Proof
- DesignLights Consortium® Qualified DLC 4.0/4.1
- 5 Year Warranty



*Simkar's LDP features layered optical construction incorporating a precision acrylic light guide panel illuminated by edge mounted LEDs to produce even, hot-spot-free illumination*

White frosted plastic diffuser

Acrylic light guide panel

PET reflector

Steel backplate

Edge mounted mid power LED chip packages

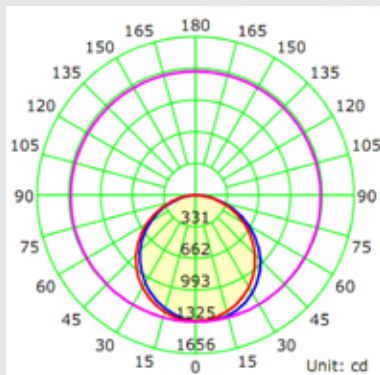
## Performance Data

Model	Size	Input Power	Light Output*	Efficacy	Color Temperature	Comparable Fluorescent	Operating Temperature
LDP1440L40U1	1x4	39W	4,372 lm	111 lm/W	4000K	2 32WT8	-4°F (-20°C) to 104°F (40°C)
LDP2240L40U1	2x2	39W	4,149 lm	104 lm/W		2-32W T8 U6	
LDP2450L40U1	2x4	51W	5,248 lm	106 lm/W		2 or 3 32WT8	

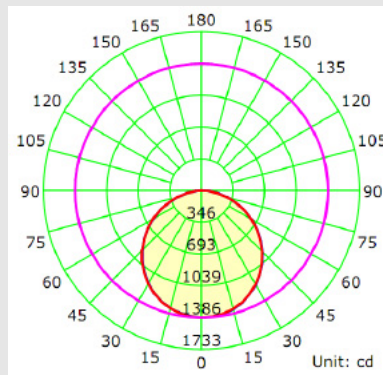
\* Delivered lumens

\*\* Consult a lighting engineer to meet specific requirements

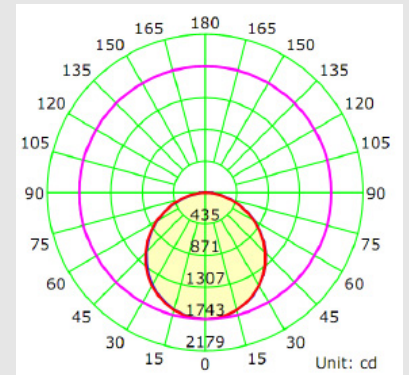
**LDP1440L35U1** *Candela Distribution*



**LDP2240L35U1** *Candela Distribution*



**LDP2450L35U1** *Candela Distribution*



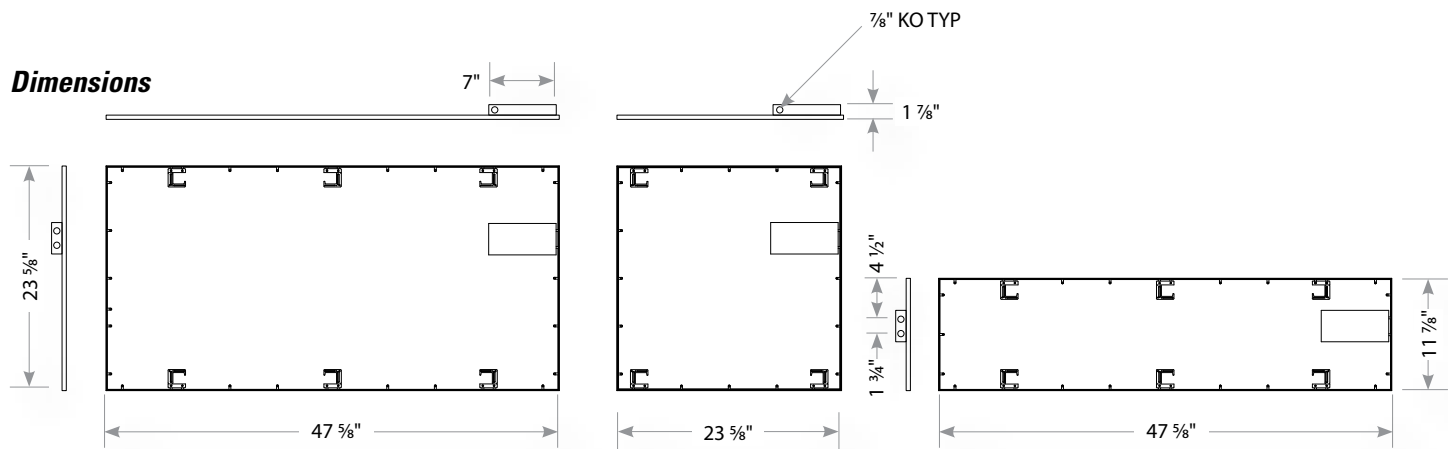
## LDP Edge Lit LED Flat Panel Configuration

SERIES	SIZE	LUMENS*	COLOR TEMP.	VOLTAGE	OPTIONS	ACCESSORIES
<b>LDP</b>	<b>14</b> = 1x4 <b>22</b> = 2x2 <b>24</b> = 2x4	<b>40L</b> = 4100 lumens (39W) (2x2 only) <b>50L</b> = 5200 lumens (51W) (2x4 only)	<b>35</b> = 3500K <b>40</b> = 4000K (standard) <b>50</b> = 5000K	<b>U1</b> = Universal 120-277V, 0 - 10V Dimming (standard)	<b>ELS</b> = Emergency Backup (Consult Factory for lumens) <b>FL6</b> = 3/8" - 6' Flex Cord with Two Connectors <b>FL7</b> = 3/8" - 7' Flex Cord with Two Connectors	<b>ELSR</b> = Emergency Backup, <i>Remote Only</i> (Consult Factory) <b>GCK14</b> = 1x4 Drywall Kit <b>GCK22</b> = 2x2 Drywall Kit <b>GCK24</b> = 2x4 Drywall Kit <b>SLDP14</b> = Surface box kit for 1x4 edge lit LED panels, post painted extruded aluminum frame <b>SLDP22</b> = Surface box kit for 2x2 edge lit LED panels, post painted extruded aluminum frame <b>SLDP24</b> = Surface box kit for 2x4 edge lit LED panels, post painted extruded aluminum frame

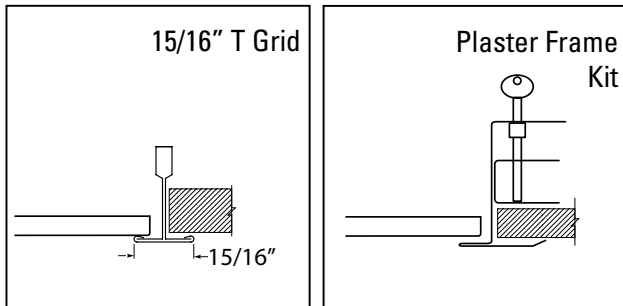
Please refer to DesignLights Consortium® website for specific configuration listings.

\*See performance table for actual performance.

All options are factory installed.



## Ceiling Compatibility



Consult factory for more options.



# SIMKAR

CORPORATION