



ULTRA FLAT LED PANEL BACKLIT - LIGHT SERIES

CCT & BRIGHTNESS ADJUSTABLE

MODEL: LUM-UBPD14DLA-40WB

LUM-UBPD22DLA-40WB

LUM-UBPD24DLA-50WB

Lumilum® Ultra-flat LED panel series has an outstanding and even luminous efficacy and is typically used in lieu of fluorescent tube fixtures. With an aesthetically pleasing appearance and a very long life span, these LED panels are an excellent choice in today's energy and design conscious environment.

These panels are suitable for office, hospital, educational facilities, and other professional settings and are designed to be used as: lay into drop ceiling, mounted onto hard surface ceilings using mounting frames or suspended by cables.



PRODUCT FEATURES

- Color Temperature (CCT) Adjustable:
 - 3,500°K / 4,000°K / 5,000°K
- Power Consumption:
 - Wattage Adjustable: 26W | 32W | 40W (1ft. x 4ft.) 1213mm x 303mm x 35mm
 - Wattage Adjustable: 26W | 32W | 40W (2ft. x 2ft.) 603mm x 603mm x 35mm
 - Wattage Adjustable: 32W | 40W | 50W (2ft. x 4ft.) 1213mm x 603mm x 35mm
- CRI >80
- Life Expectancy: 50,000 hours
- Dimmable (0-10V)
- Emergency Battery Backup Option Available
- Light is made of cold-rolled steel SPCC back and aluminum frame
- Backlit is more lightweight without the light guide plate
- 120° Beam Angle
- Light Efficiency 125-130 Lm/W
- AC Input 100-277V 50/60Hz
- IP20 Rated (For Indoor Use Only)
- Only 35mm (1.38") thickness
- Maximum Input Current: <0.44A
- Working Temperature: 20-40°C (-4~104°F)
- Junction box is attached to the side of the luminaire

SPECIFICATIONS & USES

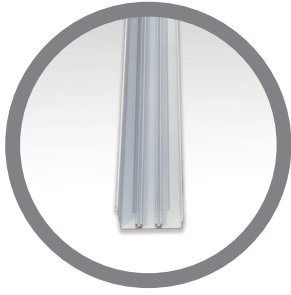
- Certification: ETL Rated & DLC Listed
- High Reflective Matte White Powder Paint
- Translucent white polystyrene (PS) face frame
- Specialized optics design makes the light more uniform.
- Excellent luminaire efficacy provides significant energy savings.
- Low maintenance & Easy installation
- Warranty: 3 years
- Ultra Flat LED Panel Light Series is the perfect lighting solution for indoor applications like:
 - Offices
 - Receptions
 - Gyms
 - Schools
 - Hospitals
 - Retail Spaces
 - Hotels
 - Undercover Parking Garages
 - Kitchens
 - Hallways
 - Elevators
 - Airports
 - Train Stations

PERFORMANCE

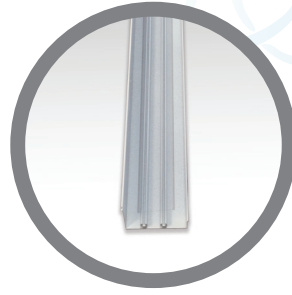


Size	1ft.x 4ft.			2ft.x 2ft.			2ft.x 4ft.		
Model:	LUM-UBPD14DLA-40WB			LUM-UBPD22DLA-40WB			LUM-UBPD24DLA-50WB		
Power Consumption Wattage Adjustable	26W	32W	40W	26W	32W	40W	32W	40W	50W
Color Temperature (CCT) Adjustable	3,500°K	4,000°K	5,000°K	3,500°K	4,000°K	5,000°K	3,500°K	4,000°K	5,000°K
Lumens (lm)	3250lm	4000lm	5000lm	3250lm	4000lm	5000lm	4000lm	5000lm	6250lm
Panel Dimensions (mm)	1213mm x 303mm x 35mm			603mm x 603mm x 35mm			1213mm x 603mm x 35mm		
Outer Box Packaging Dimensions (in.)	52" (L) x 3.75" (W) x 16" (H)			27.5" (L) x 3.75" (W) x 28" (H)			52" (L) x 3.75" (W) x 28" (H)		
Outer Box Packaging Weight (lbs.) Approx.	30 lbs			22.1 lbs			37.6 lbs.		
Lifespan	50,000 Hours								
CRI	>80								
Beam Angle	120°								
IP Rating	IP20								
Light Efficiency	125 Lm/W								
Warranty	3 Years								
Dimmable	1-10V								
Housing	Light is made of cold-rolled steel SPCC back and aluminum frame								
Lens	Diffuser is extruded from impact modified polycarbonate (Frosted)								
Color	High Reflective Matte White Powder Paint								
Mounting	Wire Suspended, Acoustic Ceiling Inlay, Mounting Frame								
Input Voltage	AC 100-277V								
Output Voltage	36V								
Maximum Input Current	<0.44A <0.44A								
Certificates	ETL Rated & DLC Listed								
Operating Temperature	-4°F - +104°F (-20°C - +40°C)								
Storage Temperature Humidity	-30~60°C ~104°F (-22~140°F)								
Emergency Battery Backup Option	Available								

ACCESSORIES



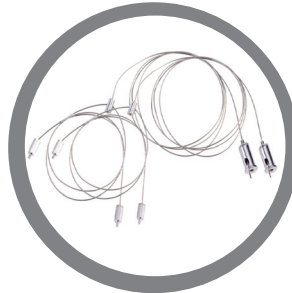
Surface Mount Frame
1x4 ft. / Set of 4
LUM-1X4ALP1



Surface Mount Frame
2x4 ft. / Set of 4
LUM-2X4ALP4

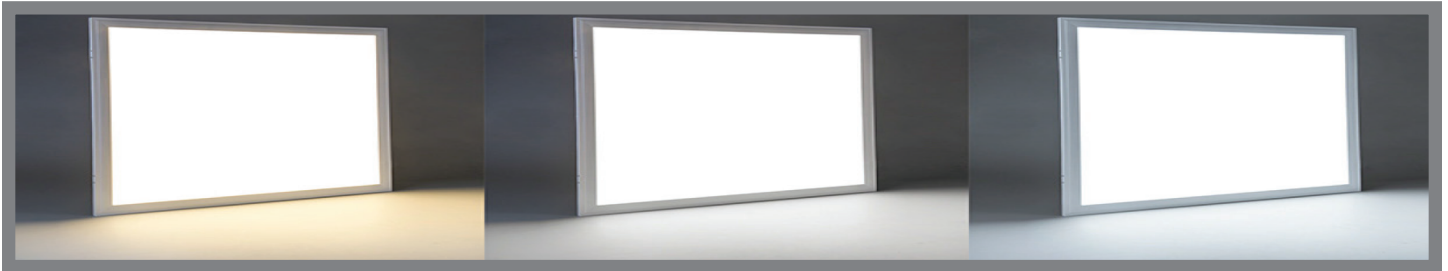


Surface Mount Frame
2x2 ft. / Set of 4
LUM-2X2ALP2



Wire Suspended Kit
LUM-WSKP124

CCT ADJUSTABLE COLOR TEMPERATURE OPTIONS

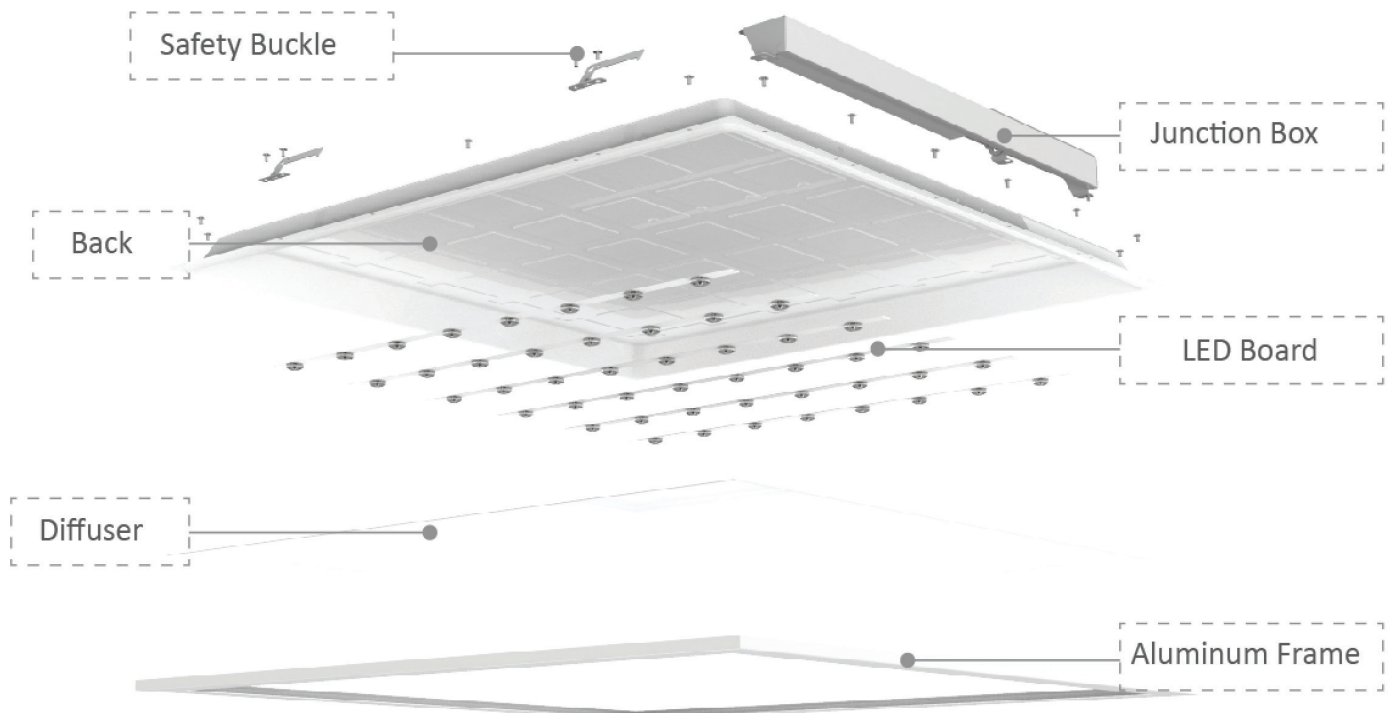


3,500°K

4,000°K

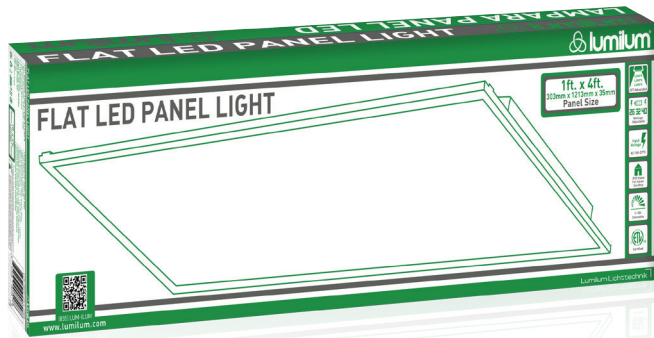
5,000°K

PANEL DIAGRAM

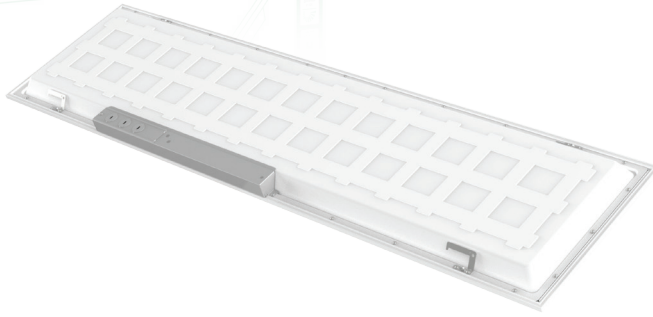


PACKAGING

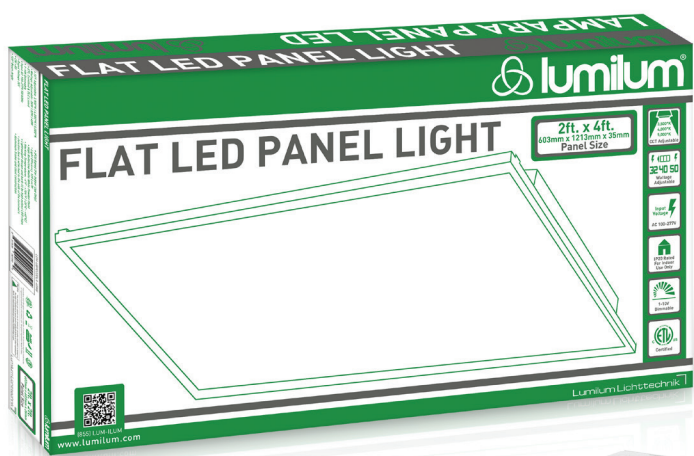
PRODUCT, BOX & WEIGHT



1x4 FT. PANEL
LUM-UBPD14DLA-40WB
52" (L) x 3.75" (W) x 16" (H), 30 lbs.



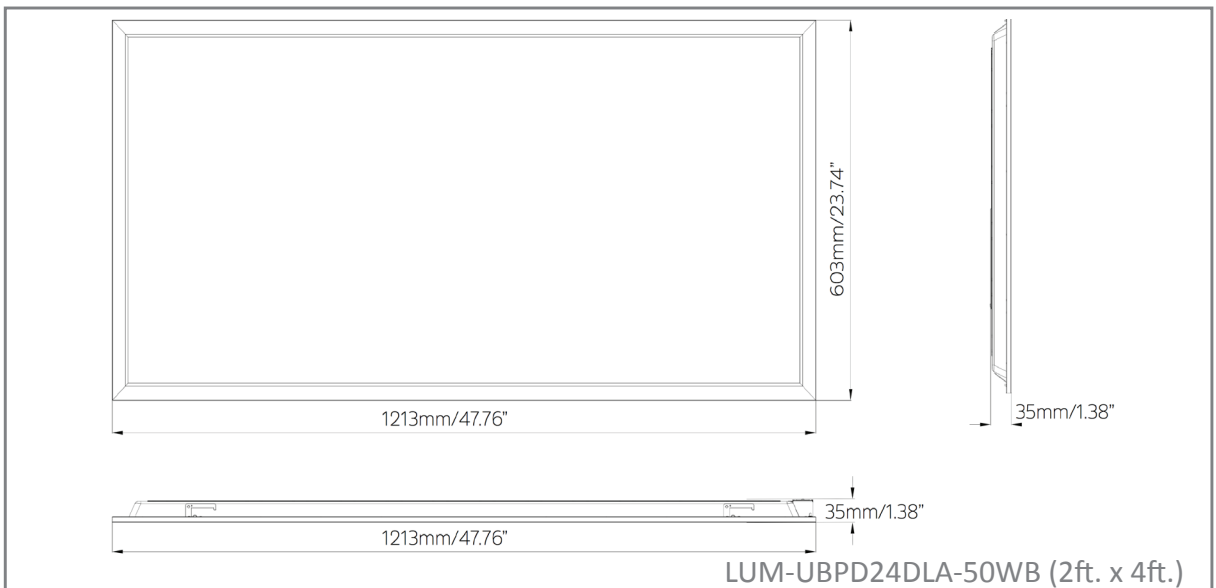
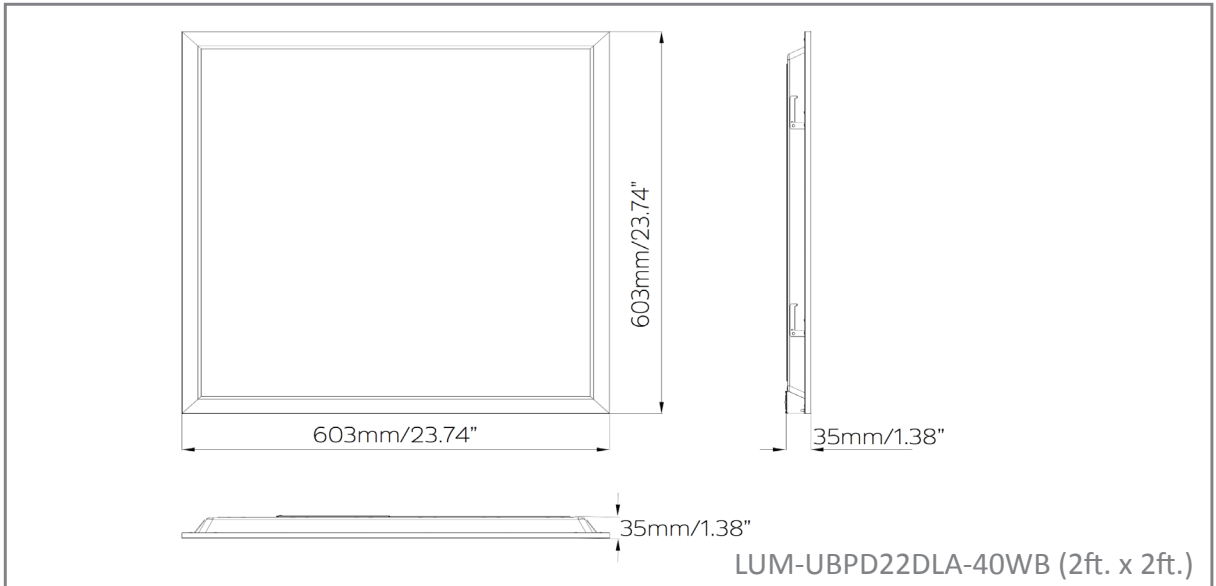
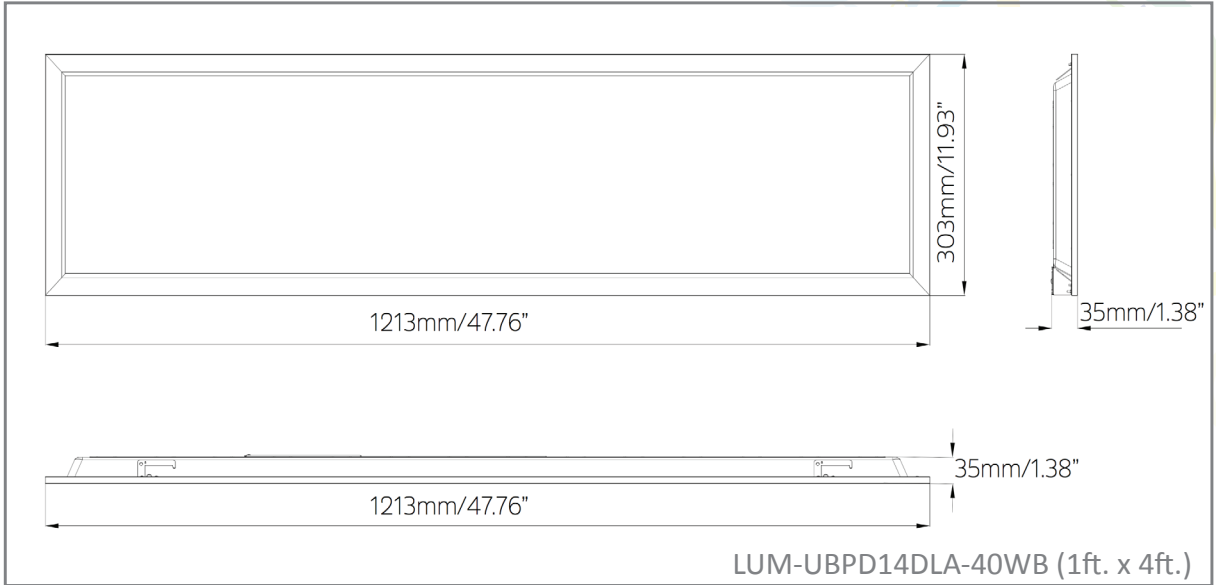
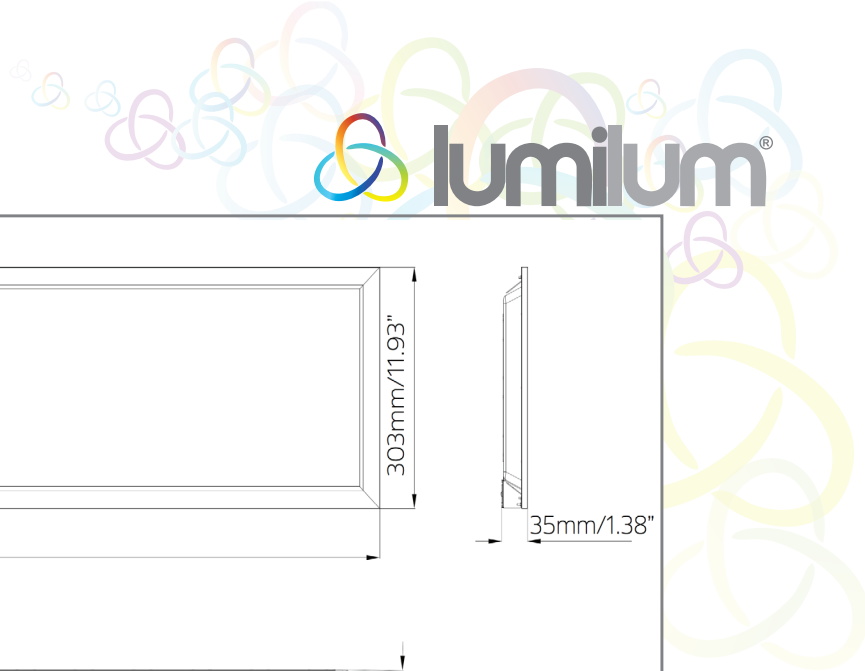
2x2 FT. PANEL
LUM-UBPD22DLA-40WB
27.5" (L) x 3.75" (W) x 28" (H), 22.1 lbs.



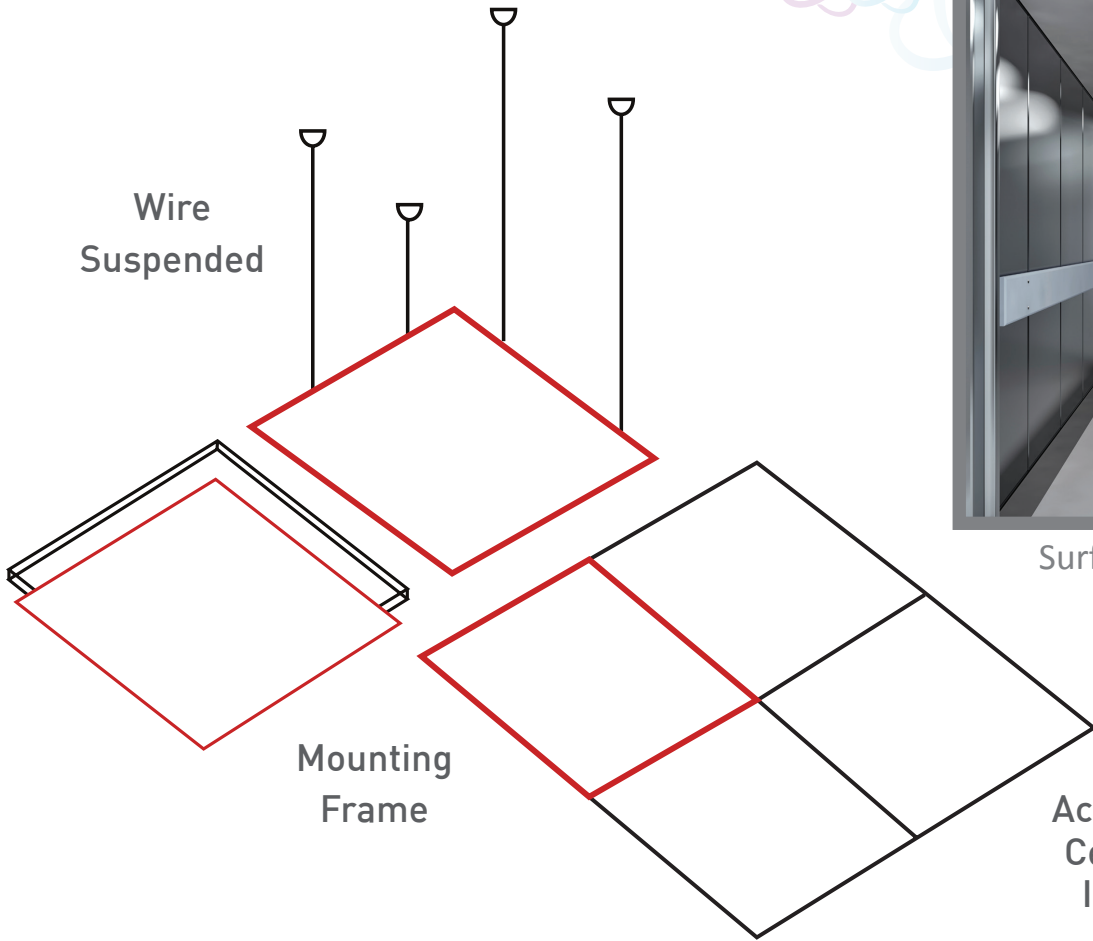
2x4 FT. PANEL
LUM-UBPD24DLA-50WB
52" (L) x 3.75" (W) x 28" (H), 37.6 lbs.



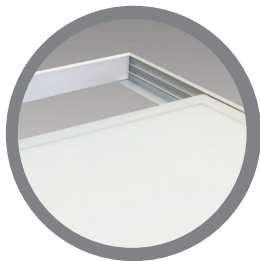
PANEL DIMENSIONS



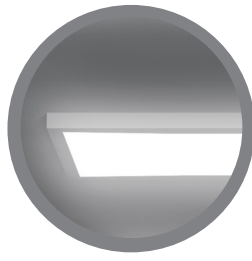
MOUNTING METHODS



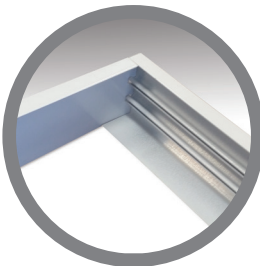
Surface Mount Frames installed with Panel Lights



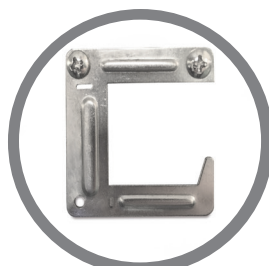
Mounting Grooves for Sliding LED Panel Light



Surface Mount Frame with LED Panel Light Installed



Surface Mount Frame corners inter-connect with screws



Hanging Hooks with Screws (Included)



NOTE: If Dimming Flat Panels is required, Please use a Dimmer with 0-10V / Resistance / PWM

RECESSED INSTALLATION



A: Loosen the screws.
 B: Remove the cover of the junction box.
 C: Take out the accessory bag

On the backside of the LED Panel light lift up the cover to access the CCT and Wattage switches. Slide each switch and adjust position to the desired wattage and color temperature.

Remove ceiling tile in the chosen location. Lift up the LED panel light and remove hole knock-out. Pass the armored cable through the hole and connect the **L**, **N**, and **GND** wires as described. If needed connect the optional dimmable wire.

Locate all cable connections inside the junction box. Place cover back on and secure with screw. To secure the LED panel, bend the shockproof buckles and position them 90° towards the outer grid as shown.

Turn on the light.
 Installation is now complete.

- ⚠ Turn the power off before installation or disassembly.
- ⚠ Connect the wires correctly. If the dimming wires are not needed, make it insulated in case of electricity.

⚠ Turn the power off before installation or disassembly.
 Connect the wires correctly. If the dimming wires are not needed make it insulated in case of electricity.