



# TROFFER - CENTER BASKET LED LIGHT SERIES

CCT & BRIGHTNESS ADJUSTABLE

MODEL: LUM-D22DLA-40WB-XXPFA-T  
LUM-D24DLA-50WB-XXPFA-T

Lumilum® LED Troffer light 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 Troffer lights are an excellent choice in today's energy and design environment. The LED Troffer light series delivers soft, glare-free, ambient lighting in a popular center-basket design. The slimmer profile of the luminaire coupled with energy-saving LED technology make it ideal choice for new construction.

These LED Troffer panels are suitable for office, hospital, educational facilities and other professional settings.



## PRODUCT FEATURES

- Color Temperature (CCT) Adjustable:
  - 3,500°K / 4,000°K / 5,000°K
- Power Consumption:
  - Wattage Adjustable: 26W | 32W | 40W (2ft. x 2ft.) 603mm x 603mm x 66mm
  - Wattage Adjustable: 32W | 40W | 50W (2ft. x 4ft.) 1213mm x 603mm x 66mm
- CRI >80
- Life Expectancy: 50,000 hours
- 1-10V Dimmable
- 120° Beam Angle
- Light Efficiency 125-130 Lm/W
- AC Input 100-277V 50/60Hz
- IP20 Rated (For Indoor Use Only)
- Only 66mm (2.60") thickness
- Maximum Input Current:
  - <0.44A (2ft. x 2ft.) & (2ft. x 4ft.)
- Working Temperature: 20-40°C (-4~104°F)
- High Reflective Matte White Powder Paint
- Junction box is attached to the back of the driver

## SPECIFICATIONS & USES

- Diffuser is extruded from impact modified polycarbonate
- Low maintenance & Easy installation
- Certification: ETL Rated & DLC Listed
- Warranty: 3 years
- Troffer-Center Basket-LED Light Series is the perfect lighting solution for indoor applications like:
  - Offices
  - Gyms
  - Schools
  - Hospitals
  - Retail Spaces
  - Hotels
  - Undercover Parking Garages
  - Kitchens
  - Hallways
  - Elevators
  - Airports
  - Train Stations

# SPECIFICATIONS



Size	2ft.x 2ft.			2ft.x 4ft.		
Model:	LUM-D22DLA-40WB-XXPFA-T			LUM-D24DLA-50WB-XXPFA-T		
Power Consumption	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
Watt. Adjustable	Yes					
Lumens (lm)	3250lm	4000lm	5000lm	4000lm	5000lm	6250lm
Panel Dimensions (mm)	603mm x 603mm x 66mm			1213mm x 603mm x 66mm		
Packaging Dimensions (in.) & Weight (lbs.)	25.6"(L) x 5.71"(W) x 25.6"(H) 30 lbs			49.5"(L) x 5.71"(W) x 25.6"(H) 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	Aluminum frame					
Lens	Diffuser is extruded from impact modified polycarbonate (Frosted)					
Color	High Reflective Matte White Powder Paint					
Mounting	Acoustic Ceiling Inlay, Mounting Frame					
Input Voltage	AC 100-277V					
Output Voltage	36V					
Maximum Input Current	<0.44A					
Certificates	ETL Rated & DLC Listed					
Operating Temperature	-4°F - +104°F (-20°C - +40°C)					
Storage Temp. Humidity	-30~60°C ~104°F (-22~140°F)					
Emergency Battery Backup Option	Available by request					

# PACKAGING PRODUCT BOX



## 2FT. x 2FT. PANEL

LUM-D22DLA-40WB-XXPFA-T  
603mm (L) x 603mm (W) x 66mm (D), 6.8lbs.

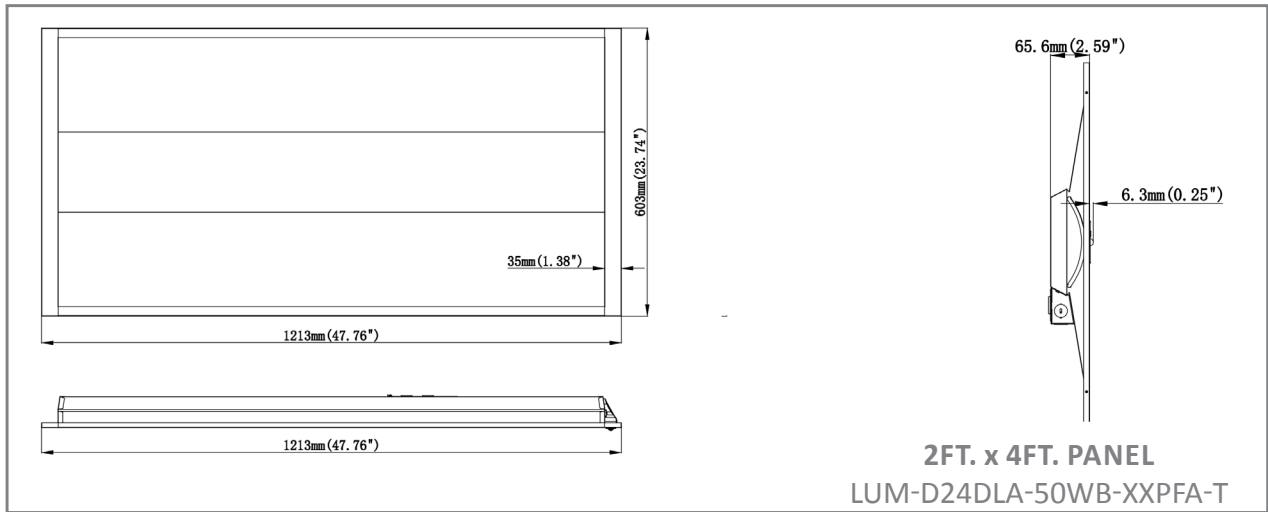
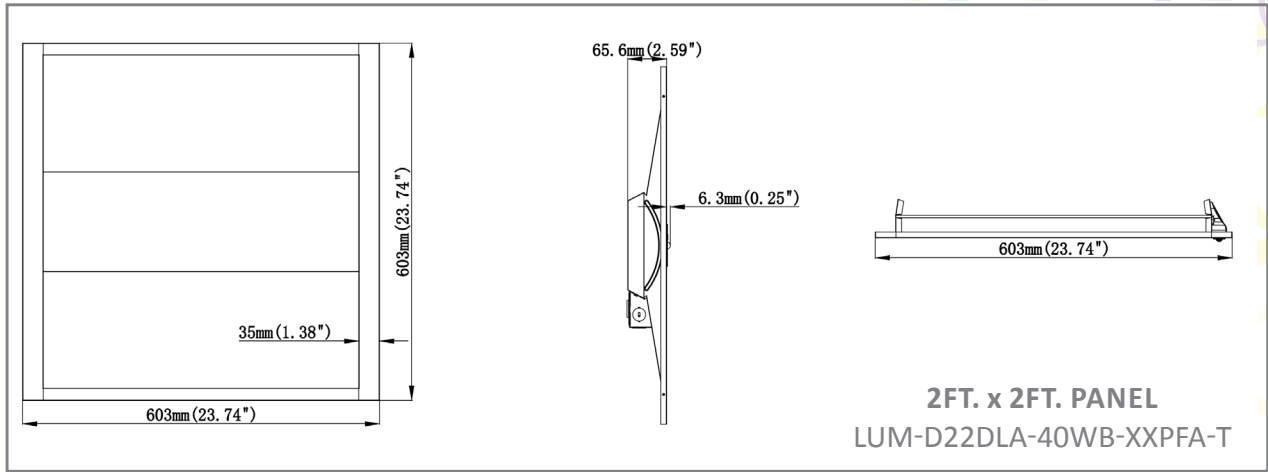


## 2FT. x 4FT. PANEL

LUM-D24DLA-50WB-XXPFA-T  
1213mm (L) x 603mm (W) x 66mm (D), 12.4lbs.



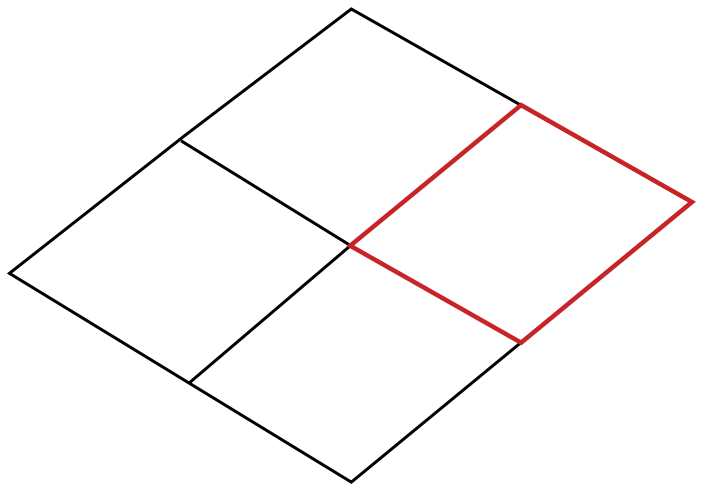
# PRODUCT DIMENSIONS



## MOUNTING METHODS



Mounting Frame



Acoustic Ceiling Inlay

Side panel contains the easy-to-position integral T-bar grid clips for securely attaching the LED Troffer into the ceiling.

# RECESSED INSTALLATION



**1**

**L-M-R Switch**

- 5,000°K
- 4,000°K
- 3,500°K

**DIP Switch**

32-50W: 80 W, 40 W, 32 W

26-40W: 40 W, 32 W, 28 W

Check the **L-M-R** switch. Slide the switch and position it to the desired color temperature. Then adjust the **DIP** switch to the desired wattage.

**2**

Cover

Screw

Accessory Bag

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

**3**

Armored Cable

Knock-out

Power Wires

Remove ceiling tile in the chosen location. Lift up the LED Troffer light and remove hole knock-out. Pass the armored cable through the hole and connect wires as described.

**4**

AC Input Wire

- L: Black
- N: White
- GND: Yellow \ Green

Dimmable Wire

- DIM: Purple(+)
- DIM: Gray(-)

Connect the **L**, **N**, and **GND** wires as described. If needed connect the optional dimmable wire.

**5**

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.

**6**

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.