

LPDBL-U1 Series

LED Backlit Panel Specifications

Project _____

Date _____ Type _____



LPDBL-U1-24-SW3C-SP50



Description

LPDBL-U1 series Panel has three wattage and three color temperature options in one light, offering customization and versatility during install. One type of fixture can outfit an entire school, hospital, or business, adjusting to different lighting needs in each unique space. These install easily in existing T-grid ceilings with a low profile and lightweight design compared to traditional troffers. Flicker-free, energy-efficient LED light is evenly distributed through a glare-free frosted lens.

Mechanical

- Steel housing and driver box, aluminum outer frame, and polystyrene lens
- IP40 rated and suitable for damp locations
- Designed to fit in standard drop ceilings

Electrical

- 120-277 VAC input
- Selectable wattage (100% / 80% / 60% settings)
- 0-10 V dimmable
- 50,000 hour lifetime

Photometrics

- Selectable CCT (3500K / 4000K / 5000K)
- 80+ CRI
- 125 lumens per watt
- 120° beam angle

Warranty

Five (5) Year Warranty

Available Configurations¹

- LPDBL-U1-22-SW3C-SP40
- LPDBL-U1-24-SW3C-SP50

Part Number Breakdown

Example: LPDBL-U1-22-SW3C-SP40

Series	Panel Size	CCT	Wattage
LPDBL-U1	22 [2'x2']	SW3C [selectable 3500K / 4000K / 5000K]	SP40 [selectable 25 W / 30 W / 40 W]
	24 [2'x4']		SP50 [selectable 30 W / 40 W / 50 W]

Application

Comparable panel sizes easily replace traditional 2' x 2', and 2' x 4' fluorescent fixtures in drop ceiling applications. Optional surface mount and suspension kits are also available for other installation types.

Certifications and Compliances

These lights are ETL Listed in compliance with UL 1598 (IFAM) and are listed as DLC Premium 5.1.



Optional Accessories

Dimmers

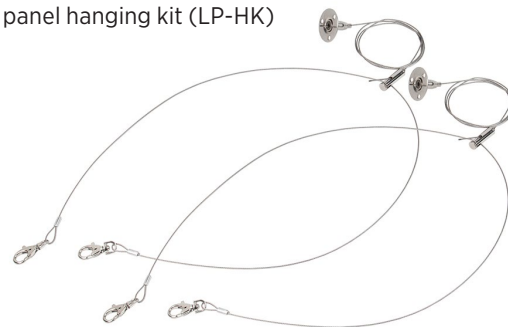
- 0-10 V switch/slide wall dimmer (DMD-LED3-105-x)
- 0-10 V rotary wall dimmer (A019)
- 0-10 V slide wall dimmer (F019-W)

Surface Mount Kit

- 2' x 2' surface mount kit (LP-22-SMK)
- 2' x 4' surface mount kit (LP-24-SMK)

Suspension/Hanging Kit

- Single panel hanging kit (LP-HK)



¹Contact customer service if interested in options other than those listed.

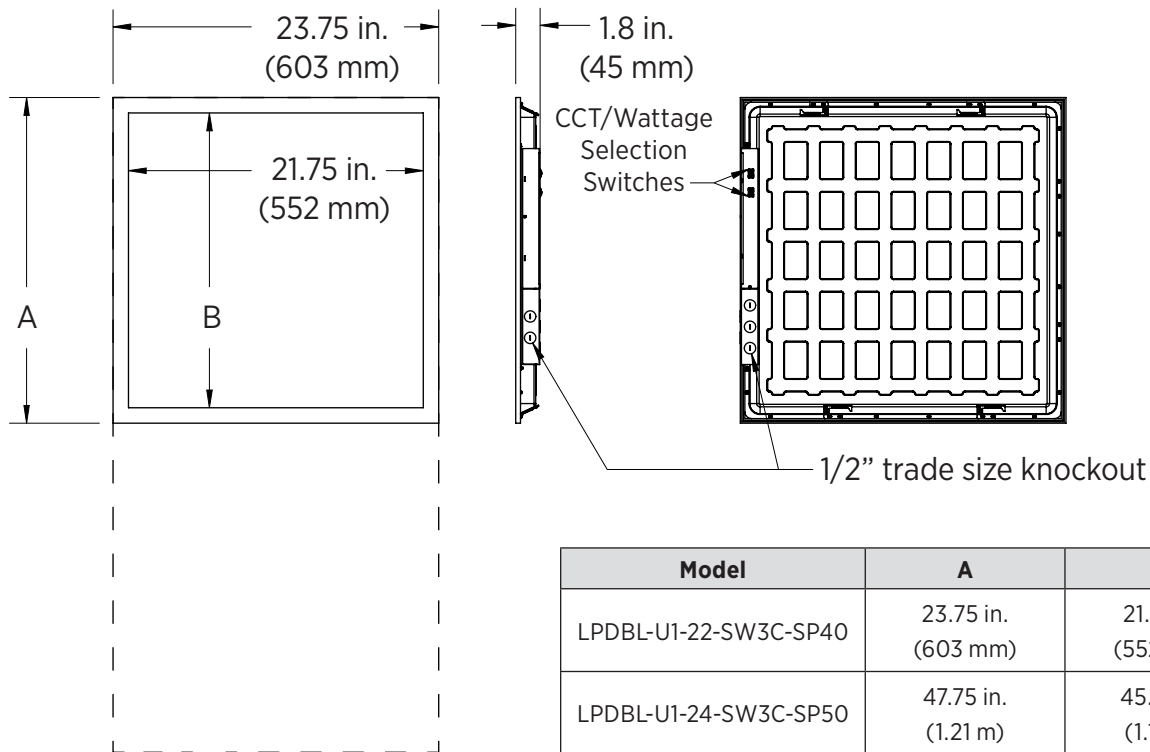
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Specifications

Model		LPDBL-U1-22-SW3C-SP40	LPDBL-U1-24-SW3C-SP50
Intensity		Selectable (3,125 / 3,750 / 5,000)	Selectable (3,750 / 5,000 / 6,250)
Operating Voltage		100-277 VAC	
Power Consumption		Selectable (25 W / 30 W / 40 W)	Selectable (30 W / 35 W / 45 W)
Current Draw	120 VAC	Selectable (208 mA / 250 mA / 333 mA)	Selectable (250 mA / 292 mA / 375 mA)
	277 VAC	Selectable (90 mA / 108 mA / 144 mA)	Selectable (108 mA / 144 mA / 181 mA)
Efficacy		125 lm/W	
Color Temperature(s)		Selectable (3500K / 4000K / 5000K)	
Beam Angle		120°	
CRI		80+	
Dimming		0-10 V	
IP Rating		IP40	
Ambient Operating Temperature		-4°-113° F (-20°-45° C)	
Rated Life (L70)		50,000 hours	
Product Weight		4.4 lb (2 kg)	8.75 lb (4 kg)

Dimensional Drawing



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