



LED FRAME PANEL LIGHT

► **DESIGN & OPTIONS** - LED FRAME PANEL LIGHT has a lightweight aluminum frame with excellent heat dissipation and a PC lens for uniform light distribution. These are ideal for both new construction and ceiling retrofits. The fixture is equipped with a 0-10V dimmable driver. It comes with a 120-277V, 4000K color temperature and in two sizes: 2x2 and 2x4.

► **INSTALLATION** - Installation is fast and easy: simply remove the T-Bar tile, drop the fixture in, then wire and replace the tile. The frame includes four L-shaped connectors and four LED strips. Note that the LED strips must be assembled wings out. Refer to install instructions for detailed steps.

► **APPLICATION** - LED FRAME PANEL LIGHTS are perfect for commercial, residential or public facilities such as: offices, lobbies, hallways, classrooms, conference rooms, hotels, school facilities, libraries, showrooms, workshops, healthcare facilities and so on! The fixture is Damp location rated and can operate in temperatures between -14+104°F (-10+40°C).

► **ENERGY SAVINGS & EFFICIENCY** - This fixture provides a lumen output that is equal to or higher than traditional fluorescent architectural troffers and can cut your electric bill by up to 80% instantly. With a lifespan of 60,000 hours, these fixtures are made to last decades under normal operation! This fixture will save you a significant amount of money in its lifetime.

► **CERTIFICATION & WARRANTY** - Buy with confidence: ASD provides a 5-year warranty along with ETL certification to guarantee top quality products and safety!

<i>Catalog number</i>	
<i>Notes</i>	
<i>Type</i>	



PRODUCT LEGEND:

Family	Modification	Size	Dimmable	Watts	CCT
ASD-LFL	01	XX	D	40	40
LED Frame Light Panel		22 = type 2x2 24 = type 2x4	Dimmable	40 W	4,000 K

LED FRAME PANEL LIGHT:

Model	Type	Watts	Dimming	CCT	Lumens	Dimensions (LxWxH)
ASD-LFL01-22D4040	2x2	40 W	0-10 V	4,000 K	4,547 lm	23 3/4" x 23 3/4" x 5/8"
ASD-LFL01-24D4040	2x4	40 W	0-10 V	4,000 K	4,865 lm	47 3/4" x 23 3/4" x 5/8"

PRODUCT SPECIFICATIONS:

Construction & Materials			Electrical System		
Housing	Aluminum		Input Voltage	120-277 V	
Lens	Translucent white		Max input current	0.4 A	
Finish	White		Inrush current (Action time)	50 A (0.5 S)	
Weight	ASD-LFL01-22D4040	1.3 lb (0.6 kg)	AC input range	min 100 V max 305 V	
	ASD-LFL01-24D4040	2.6 lb (1.2 kg)	Off State Power	0 W	
Environmental System			Surge protection	2 kV	
Work Environment	Suitable for Damp Locations, IP40		Power Consumption	40 W	
Operating Temperature	14°F to 104°F (-10°C to +40°C)		Power Factor	≥ 0.99	
Humidity	20% - 85% RH, non condensing		Output voltage	30-42 V	
L70 Life	R > 60,000 hrs; C > 184,000 hrs		Max output current	ASD-LFL01-22D4040	1 A
Optical System	ASD-LFL01-22D4040	4,547 lm		ASD-LFL01-24D4040	1.05 A
	Luminous Flux	ASD-LFL01-24D4040	4,865 lm	LED driver class	P, Class 2
Color Temperature	4,000 K		Regular and Voluntary Certifications		
CRI	80		5-year limited warranty		
			cETLus certified 5003513		

For most up-to-date spec sheets please refer to asd-lighting.com

ASD LIGHTING CORP

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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.

⚠ WARNING

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.

Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

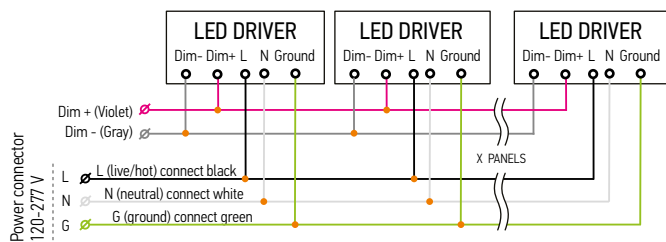
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

For recessed installation: Access above ceiling required. Inherently protected. Vapor barrier must be suitable for 194°F.

ELECTRICAL SCHEMATIC DIAGRAM:

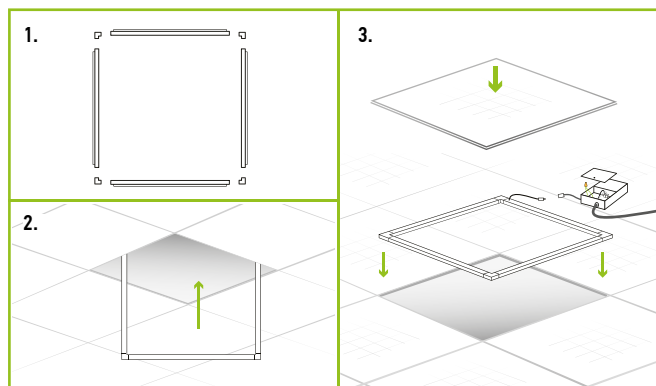


PACKAGE CONTENTS:

Description	Q-ty
LED strips	4
L-shape connectors	4
Driver	1
Cut sheet	2

INSTALLATION STEPS:

1. Assemble the frame light with 4 pcs of L-shape connectors and 4 pcs of LED strips. Led strips need to assemble wings out.
2. Choose the ceiling panel where you want to install frame light and remove it. Carefully slide it through ceiling opening.
3. Rotate and drop the fixture into the place. Use DC connector to wire driver and frame light, and connect driver wires as shown in electrical schematic diagram. After wiring fixture, return the ceiling panels to the place.



ORDERING INFORMATION

Model	Type	Watts	CCT	UPC	GTIN 14	Pcs. per Carton	Carton Size	Carton Weight
ASD-LFL01-22D4040	2x2	40 W	4,000 K	819201026388	10819201026385	30	33.1"x16.3"x11.4"	52.9 lb
ASD-LFL01-24D4040	2x4	40 W	4,000 K	819201026395	10819201026392	20	56.7"x16.3"x7.9"	61.7 lb

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