



PRODUCT DESCRIPTION

General illumination typically used to replace 2x2 and 2x4 fluorescent troffers. The ALPHA Panel is designed to lay in drop ceilings in offices, schools, showrooms, airports, retail locations, and healthcare facilities. Ultra modern design with an industry leading 130 lumens per watt, the ALPHA PANEL is the ideal fluorescent lay-in replacement.

Our Alpha LED Panels are ballast ready for easy installation and are backed with our industry-leading 50,000-hour rated lamp life and 10-year warranty. Contact us for pricing or more information.

PRODUCT SPECIFICATION

FEATURES

- Edge-lit LED array with translucent diffuser provides uniform illumination
- Ultra-slim Aluminum Frame – <0.5inch
- Custom color temps available
- UL, cUL, TUV, DLC 4.2 listed
- LM-79, and IES available upon request
- 100,000 hour L70 lifespan
- Lumen efficacy is greater than 130+ lumen/watt
- External UL Listed Class-2 Constant Current Driver
- Universal Voltage: 100-277V. *100-382V available
- Multiple mounting options
- Suitable for damp locations
- 0-10V dimming
- SMD 2835 LED chips
- Premium Meanwell Driver available upon request

APPLICATIONS

1. Office
2. Healthcare
3. Commercial
4. Industrial
5. Airport
6. Conference Room
7. Education
8. Government
9. Showroom
10. Hotel

PRODUCT SPECIFICATION

Product No.	Rated Lamp Wattage	Lens	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
1ft X 1ft ALPHA LED PANEL											
AL-1X1-18W CDS	18	Clear, Frosted	100-277/100-382VAC	3000K-7000K	2,160	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-1X1-20W CDS	20	Clear, Frosted	100-277/100-382VAC	3000K-7000K	2,400	120	>80	110°	50,000	-30°C to 45°C	> 0.9
1ft X 2ft ALPHA LED PANEL											
AL-1X2-20W CDS	20	Clear, Frosted	100-277/100-382VAC	3000K-7000K	2,400	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-1X2-25W CDS	25	Clear, Frosted	100-277/100-382VAC	3000K-7000K	3,000	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-1X2-30W CDS	30	Clear, Frosted	100-277/100-382VAC	3000K-7000K	3,600	120	>80	110°	50,000	-30°C to 45°C	> 0.9
1ft X 4ft ALPHA LED PANEL											
AL-1X4-30W CDS	30	Clear, Frosted	100-277/100-382VAC	3000K-7000K	3,600	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-1X4-40W CDS	40	Clear, Frosted	100-277/100-382VAC	3000K-7000K	4,800	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-1X4-60W CDS	60	Clear, Frosted	100-277/100-382VAC	3000K-7000K	7,200	120	>80	110°	50,000	-30°C to 45°C	> 0.9
2ft X 2ft ALPHA LED PANEL											
AL-2X2-20W CDS	20	Clear, Frosted	100-277/100-382VAC	3000K-7000K	2,400	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-2X2-30W CDS	30	Clear, Frosted	100-277/100-382VAC	3000K-7000K	3,600	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-2X2-40W CDS	40	Clear, Frosted	100-277/100-382VAC	3000K-7000K	4,800	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-2X2-60W CDS	40	Clear, Frosted	100-277/100-382VAC	3000K-7000K	7,200	120	>80	110°	50,000	-30°C to 45°C	> 0.9
2ft X 4ft ALPHA LED PANEL											
AL-2X4-40W CDS	40	Clear, Frosted	100-277/100-382VAC	3000K-7000K	4,800	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-2X4-50W CDS	50	Clear, Frosted	100-277/100-382VAC	3000K-7000K	6,500	120	>80	110°	50,000	-30°C to 45°C	> 0.9
AL-2X4-75W CDS	70	Clear, Frosted	100-277/100-382VAC	3000K-7000K	9750	120	>80	110°	50,000	-30°C to 45°C	> 0.9

PHYSICAL DATA

Product No.	Material Usage	Packing/carton	Certification
ALPHA LED PANEL			
AL-1X2-20W CDS	RoHS Compliant; no mercury	2	DLC V4.2, UL, cUL and Lighting Facts
AL-1X4-40W CDS	RoHS Compliant; no mercury	2	DLC V4.2, UL, cUL and Lighting Facts
AL-2X2-30W CDS	RoHS Compliant; no mercury	2	DLC V4.2, UL, cUL and Lighting Facts
AL-2X4-75W CDS	RoHS Compliant; no mercury	2	DLC V4.2, UL, cUL and Lighting Facts

INSTALLATION INSTRUCTION

To Dear client:

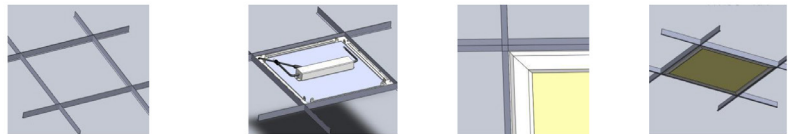
Thank you very much to purchase our lighting products, in order to ensure that you fully understand to use this product safely and properly, please be sure to read the instructions carefully. Meanwhile, please keep this manual carefully for future reference.

Cautions:

1. The panel light must connect to the constant current led driver with the same power of the light, its input voltage is AC100-240V(AC200-240),50/60HZ.
2. When replace the led driver, please take note to the power that marked on the label, larger than a specific power of the driver cannot be used.
3. For installation or maintenance, please cut off power supply, before turn it on, must confirm the light source and electrical installation is right connected.
4. It is forbidden to install this panel lights on the ceiling that is easy damaged or easy deformation.
5. No matter what circumstances, the panel lights can't be covered by thermal insulation material, or similar materials.
6. When an exception occurs, please quickly cut off the power and contact the distributor.
7. The product is only suitable for indoor use, under using or just cut off the power, please don't touch the light.
8. Any maintenance should be performed by trained professionals only.

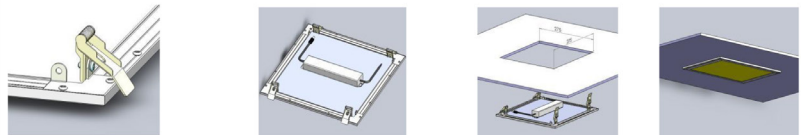
Installation instruction:

a: Recessed



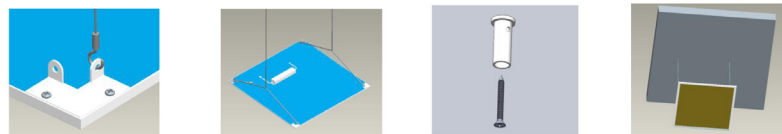
- 1- Lay the fixture into the framework;
- 2- Connect the power output and the lamp cap;
- 3- Connect to the mains to finish the installation.

b: Jump ring



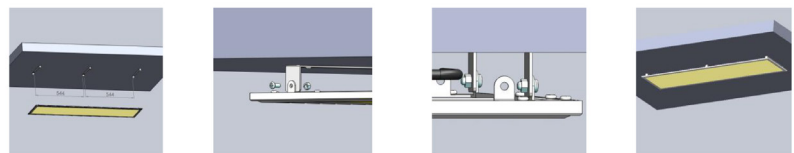
- 1- Fix the 4 circlips with screws and nuts to the panel light;
- 2- Connect the power output and the lamp cap, access to the mains;
- 3- Cock the circlips to the ceiling to complete the installation.

c: Suspended



- 1- Thread the steel wire rope into the indices of the panel light, nested the half part of the mounting on the steel wire rope (you can adjust the depth by pressing the lower tubule);
- 2- Fixed the upper part of the sucker under the ceiling with several screws;
- 3- Thread the upper part of the sucker with the steel wire rope, thread the steel wire rope out from flank, (you can adjust the suspending height by stretching the steel wire rope outside the hole), and then access the alternating current (AC100-240V), joint up the DC male part of the power with the DC female port of the light.

d : Mounted



- 1- Drive expansion plug to ceiling (as pic1)
- 2- Connect the power output and the lamp cap, use the screws to fix it (as pic 2 and pic 3) to complete the installation.