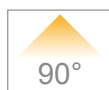
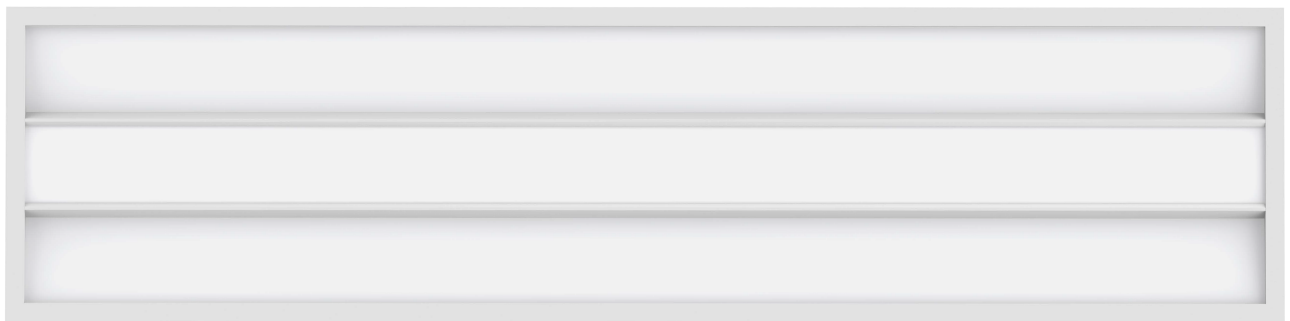
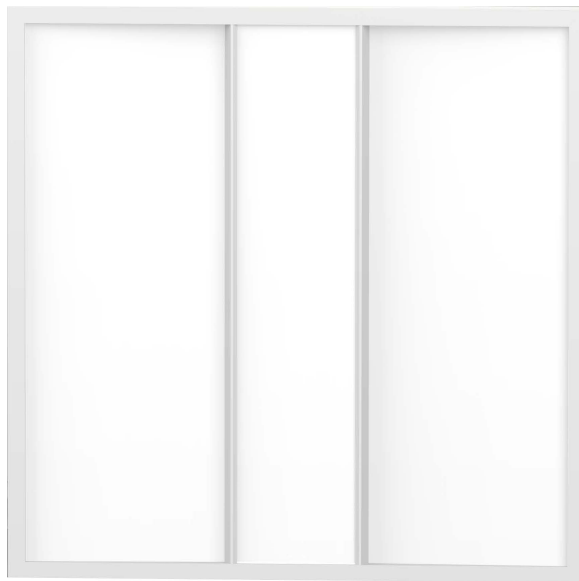




## Led Panel Butterfly



# Introduction

This panel light is a new louver anti-glare design, the compact and seamless splicing make it a great looking. It adopts anti-glare prism plate to reach  $UGR < 19$ , direct lighting design makes a high lumen efficiency and uniform light output, it is an ideal combination of stylish and high performance.

## Features

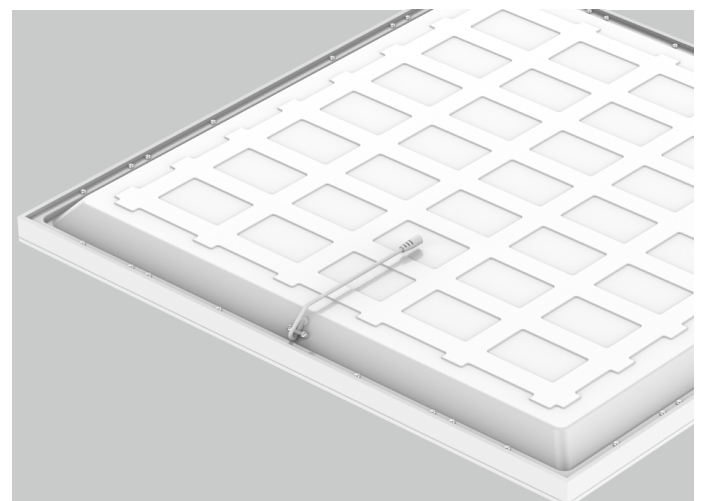
- Compact and seamless splicing structure design.
- Big light - emitting surface with whole front area.
- Direct lighting with a high lumen efficiency, 100lm/W.
- Anti-glare design,  $UGR < 19$ .
- Presetable CCT (3000K+4000K +5700K) with slide switch.
- External flicker free dimmable driver.

## Application Areas

It can be used in office room, meeting room, classroom, hotel, shopping mall, supermarket, station etc.

## Application notes

- IP20 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas



Certificate

CE RoHS SAA

# Product Information

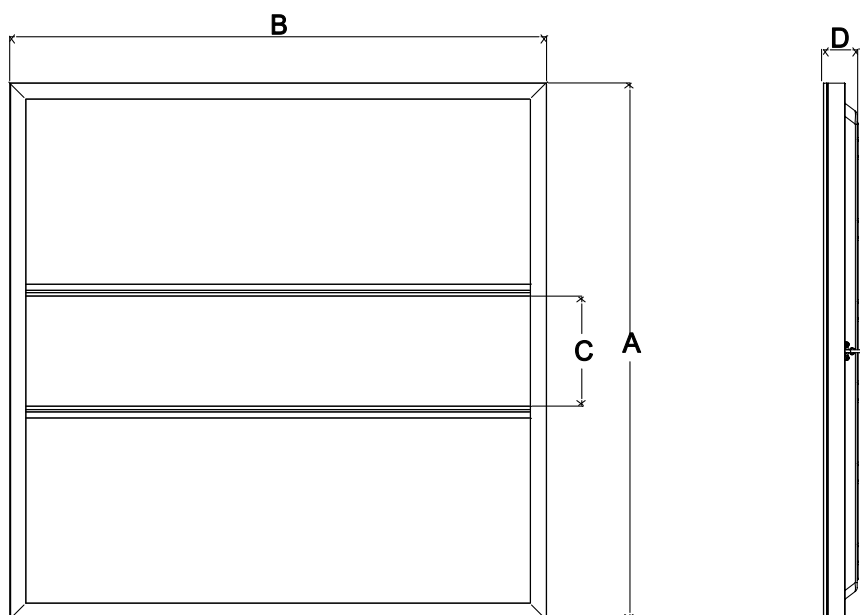
## Technical Specifications

Code No.	174-275	174-276
Dimension(mm)	595*595*49mm	1195*295*49mm
Cutout (mm)	-	
Watt(W)	36W	
Rated Input Voltage(V)	AC230V	
Input Voltage(V)	AC220-240V	
LED Module Input	DC33-38V	
Light Source	SMD2835	
SDCM	<6	
CCT(K)	3-CCT: 3000K + 4000K + 5700K	
CCT Selection DIP Switch	Yes	
Luminous Flux (lm) ±5%	3100-3600	
CRI	≥80	
Beam Angle (°)	90°	
UGR	<19	
LED Driver	External	
Dimming Option	DALI / 0-10V / Casambi	
Sensor	-	
Emergency Kits	600-028	
Electrical Class	Class II	
Ingress Protection (IP Rating)	IP20	
Impact Resistance (IK Rating)	IK02	
Product Finishing(Base)	White RAL 9016	
Materials of Optics	PMMA(Lens)+PS(Diffuser)	
Materials of Housing	Aluminum(Frame)	
Lifetime (hr)	50,000h	
Glow wire test	650°C	
Operating Temp.	-10°C ~ 45°C	
Storage Temp.	-20°C ~ 65°C	
Installation	Recessed	



# Driver Datasheet (Triac Dimmable )

Total load wattage		36W
Output	Output Voltage range	30-40VDC
	Rated output current	900mA
	Line Regulation	±5%
	Setup, Rise Time	0.5S
	Flickering Index	<5% (NO RISK)
Input	Input Voltage	220VAC-240VAC
	Rated Input Voltage(V)	230V
	Frequency	50/60HZ
	Input Current	<0.2A
	Rated Input Current	0.18A
	Power Factor	0.9
	THD	<20% @ 230V
	Efficiency	>85%
	No load wattage	≤1W
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S;
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω
	Surge	IEC/EN61000-4-5 (P≥25w L-N:1KV)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547



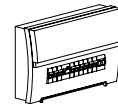
## Measurement

Code	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
174-275	595	595	122	49	595*595*49	2.6	3.36	13	18.35	68.5*45.5*69	5
174-276	1195	295	72	49	1195*295*49	2.99	3.84	14.95	20.9	129*45.5*38.5	5

# Installation Procedure

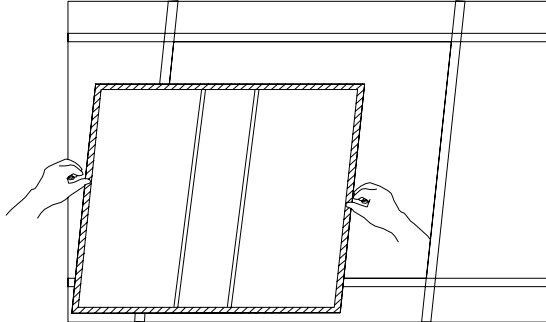
## WARNING ⚡

1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



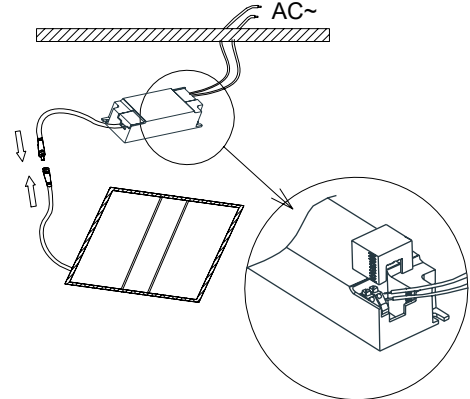
## ■ Recessed into ceiling

### Step 1



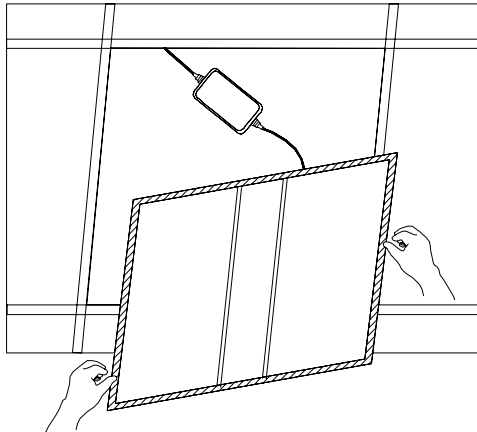
Remove the ceiling plaster slab.

### Step 2



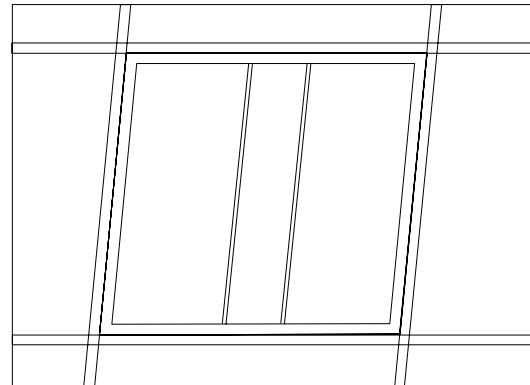
Feed the main AC wire in driver terminal block respectively, connect the LED Grille light and driver.

### Step 3



Fix the LED Grille light into plaster ceiling.

### Step 4



Make sure the LED Grille light is firmly fixed, turn on the power.