

# LED MAGIC PANEL

## PQ-PN25



The achievement of PN25 is the result of using a row of light-emitting diodes (LEDs) illuminated along their edges, combined with the use of a translucent diffuser. This allows for generating lighting that is uniform across the entire surface.

- Exceptionally slim aluminum structure.
- UL-approved Class 2 voltage regulation module designed to connect to an external constant current power source.
- The variety of mounting options for PN25 luminaires, including recessed and suspended, depending on your decorating style, can greatly enhance the overall appearance of your space.
- Reduced labor and recycling costs, as well as ease of installation and maintenance, offer significant double benefits.
- Dimmable driver with 0-10V compatibility.
- Manufacturer's warranty valid for five years.

### DYNAMIC MENU



- 1 PRODUCT NAMING
- 2 COMPREHENSIVE TECHNICAL SPECIFICATIONS AND DIMENSIONS DETAILS
- 3 MODERNIZATION AND INSTALLATION PROCEDURE

### CERTIFICATIONS



Model	Color Temperature (K)	Watt	Voltage	Dimensions (mm)
PQ-PN25	031K = 3000	030W = 30 Watt	UNIV = 100 - 347 VAC 120V = 100 - 277 VAC	M1 = 1495 x 495 x 10
	035K = 3500			
	041K = 4000			M2 = 1514 x 505 x 10
	051K = 5000			

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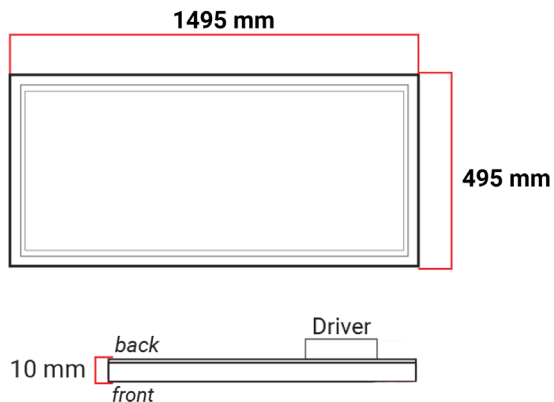
## CHARACTERISTICS

### SPECIFICATIONS

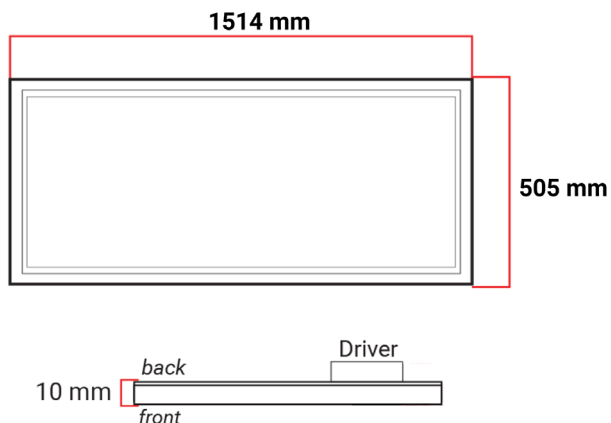
Model	PQ-PN25-XXK-30W	IP Rating	IP44
Color temperature (CCT)	3000K / 3500K / 4000K / 5000K	Lifespan (hrs)	50,000
Beam angle	120°	LED brand	SMD 2835
CRI	>80	Casing	Aluminum
Operating Temperature (°C)	-20 to 40	Dimming (V)	0-10
Efficiency (Lm/W)	110-120	Power (W)	30
Input Voltage	100-277 VAC or 100-347 VAC	Lumens (lm)	3600
Input Frequency (Hz)	50 / 60	Power factor	>0,99

## DIMENSIONS

**Model M1**



**Model M2**



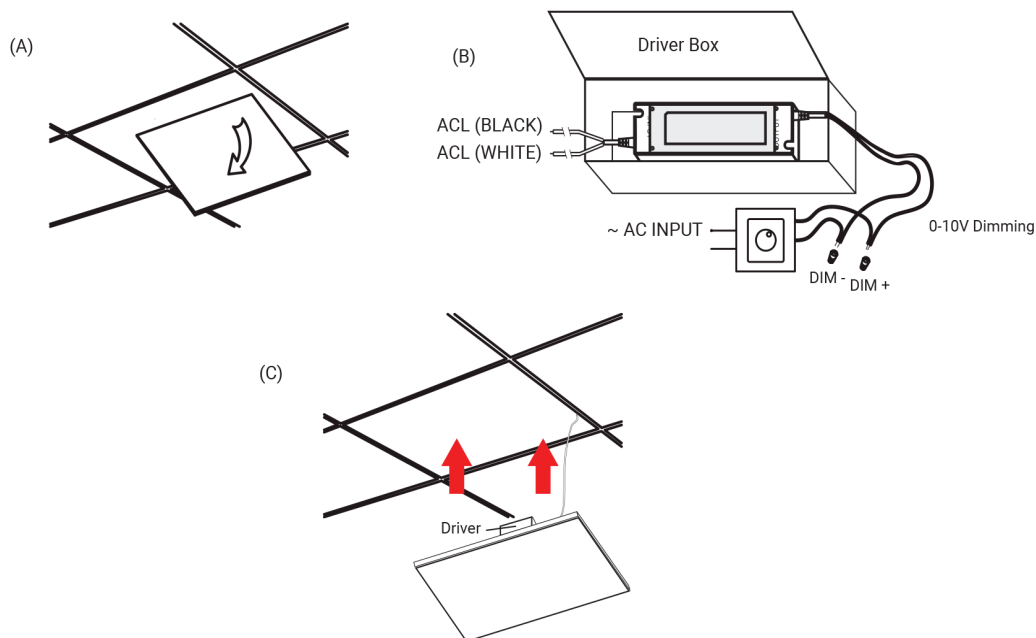
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## INSTALLATION INSTRUCTIONS

### Upgrade Procedure :

1. Before proceeding with the installation, make sure to cut off the luminaire's power at the circuit breaker panel.
2. Next, open the luminaire's diffuser.
3. Carefully remove the fluorescent tubes and ensure proper disposal as they may contain mercury.
4. Remove the ballast cover and disconnect the ballast.
5. Disassemble the luminaire (A).
6. Open the voltage regulator box and connect the AC wires as well as the dimming wire (B).
7. Place the panel in the ceiling (C).
8. Finally, restore power to the luminaire by activating the circuit breaker panel.



### CAUTION:

- To ensure fire safety, it's imperative to let the luminaire cool down before any handling and not exceed the maximum power specified on its label.
- Risk of electric shock: Make sure to wear gloves during installation.
- Access above the ceiling is required. DO NOT COVER the luminaire with insulating liner or similar material.
- These luminaires should be used with a dimmer switch.
- If the luminaire exhibits undesirable behavior (such as humming, flickering, etc.), immediately cut off the power, remove the luminaire, and contact the manufacturer.
- Do not proceed with large-scale installation before testing the sample.