

LED PANEL



The luminaire is designed for general lighting in:

- Office spaces
- Medical facilities
- Training rooms
- Public areas
- Commercial spaces
- Administrative buildings
- Auxiliary premises
- Other types of spaces

Housing: Extruded anodized aluminum profile.

Diffuser: Matte, monolithic, light-stabilized polycarbonate.

Light Source: Seoul Semiconductor LEDs (South Korea).

Power Supply: Built-in UPS or UPS with battery backup.

Package Contents: Luminaire with integrated LED light source.

Features:

- LED Placement: LEDs are located in the end part of the luminaire, creating comfortable, soft diffused light without glare.
- Emergency Power Supply: Can be equipped with an emergency power supply unit with a rechargeable battery (UPS with battery) for emergency operation up to 1 hour (3 W).
- Energy Efficiency: Energy-efficient LEDs, classified as energy efficiency class A++.
- Components Quality: Electronic components and LEDs sourced exclusively from world-leading manufacturers.
- Smooth Switching: Gradual startup and protection against overheating and burnout extend the lifespan of the LEDs.

Model	LED PANEL-36-ABC	LED PANEL-45-ABC
Operating Voltage (V)	220 AC	
Power Factor (PFC)	> 0,95	
Color Rendering index (CRI)	≥ 80	
Operating Temperature (°C)	from -20 to +40	
Correlated Color Temperature (CCT, K)	4000 (on request 6000)	
Ingress Protection (IP)	IP20	
Mechanical Stability	M1	
Rated Power (W)	36 W	45 W
Luminous Flux (lm)	4320 Lm	5400 Lm
Luminous Efficacy (lm/W)	120	
Light Source	LEDs by Seoul Semiconductor (South Korea)	
Electrical Protection Class	I	
Weight (kg)	1,1	1,4
Dimensions (LxWxH, mm)	595x595x10	595x595x10

Ordering Example LED PANEL-XX-ABC Model Code Breakdown

XX - Power: 36 W 45 W	A - Installation method: 0 - built into the suspended ceiling	B - Protection and color: 1 - IP20, CCT 4000 K (white) 2 - IP20, CCT 6000 K (cold white)	C - Electrical connection 1 - standard 2 - with emergency lighting device and battery
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INSTALLATION: in the opening of a false ceiling.

ELECTRICAL CONNECTION:

individual cable or wires with a cross-section of $\varnothing 1,5...2,5 \text{ mm}^2$, on request: emergency lighting device with battery for emergency lighting (A).

Lamp Sketch

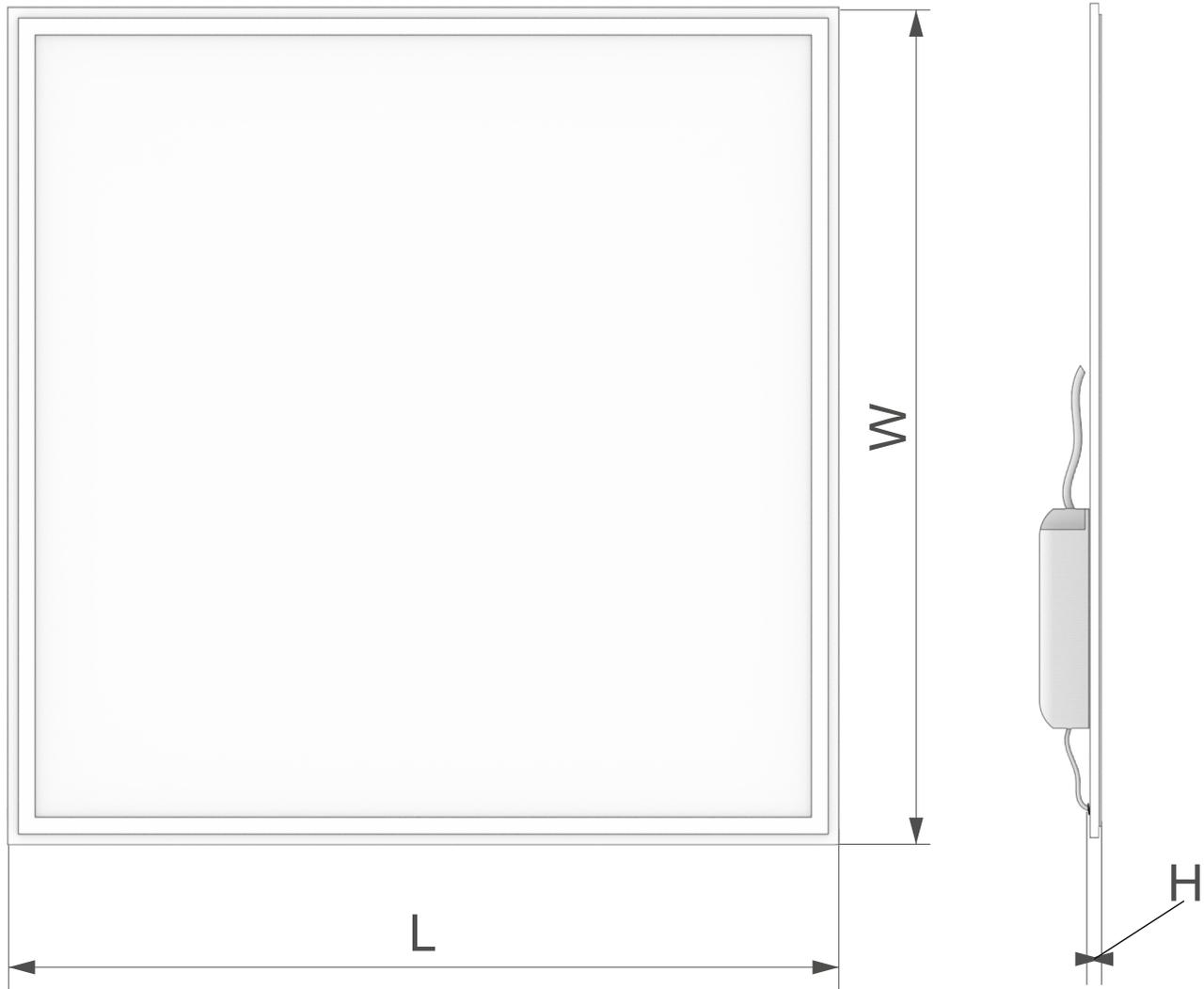
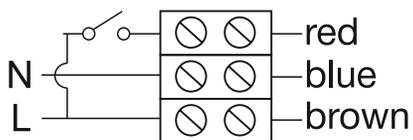


Fig. A



connection to the
power grid for emergency
lighting