

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

INSTALLATION: in the opening of a false ceiling.

ELECTRICAL CONNECTION:

individual cable or wires with a cross-section of Ø 1,5...2,5 mm,² on request: emergency lighting device with battery for emergency lighting (A).

Lamp Sketch

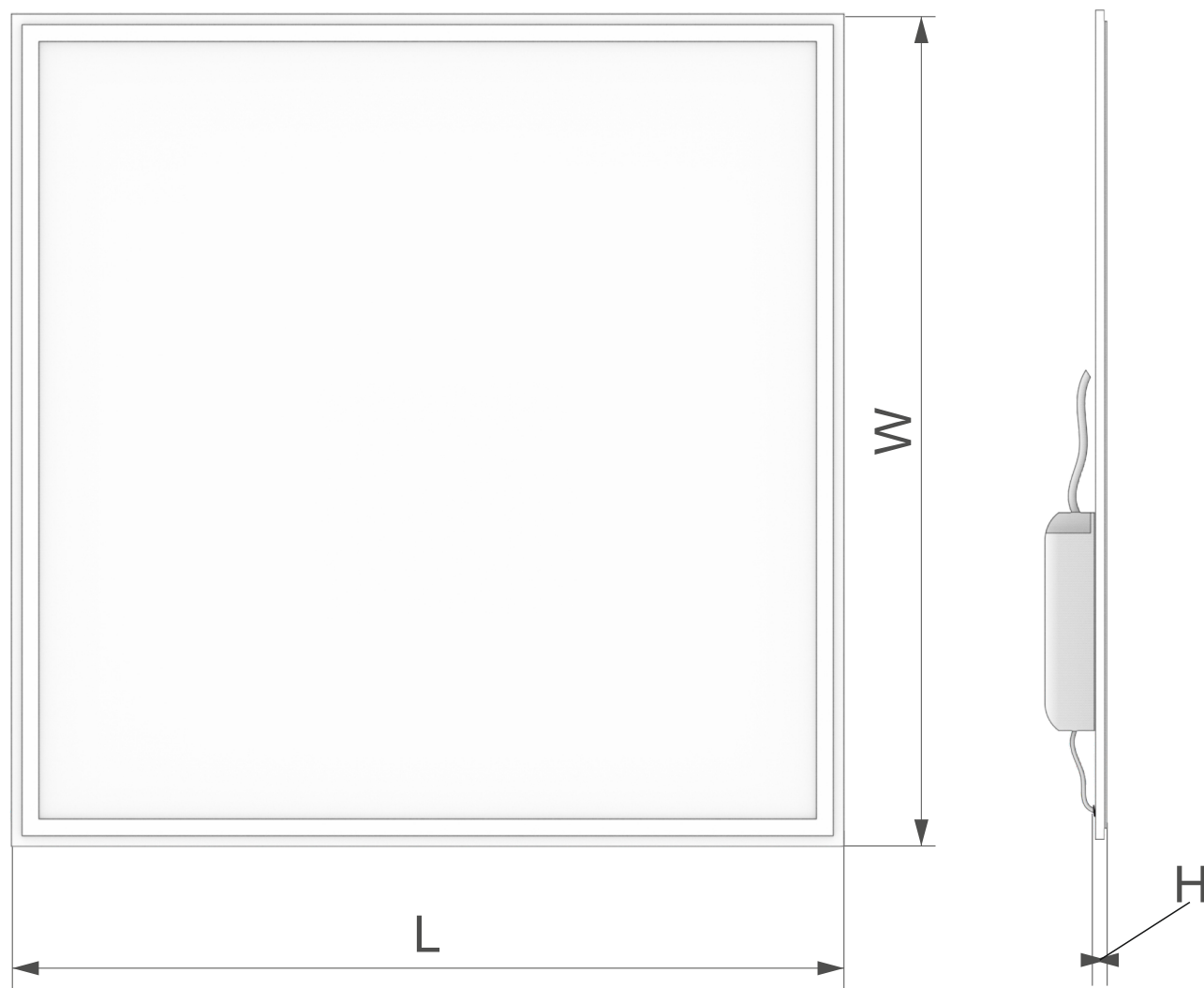
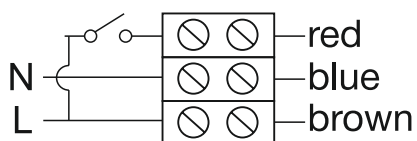


Fig. A



connection to the
power grid for emergency
lighting