Panel-LED - obsolete

The Panel-LED is the latest in LED reliability and low energy lighting applications. The Panel-LED is only 12mm thick and drops into a standard 600mm square tile opening in exposed -T ceilings. They provide an aesthetically pleasing high output uniform light source with a colour temperature of 4500K (White). The front face of the Panel LED operates with an even luminance distribution and provides glare-free illumination on the working plane.

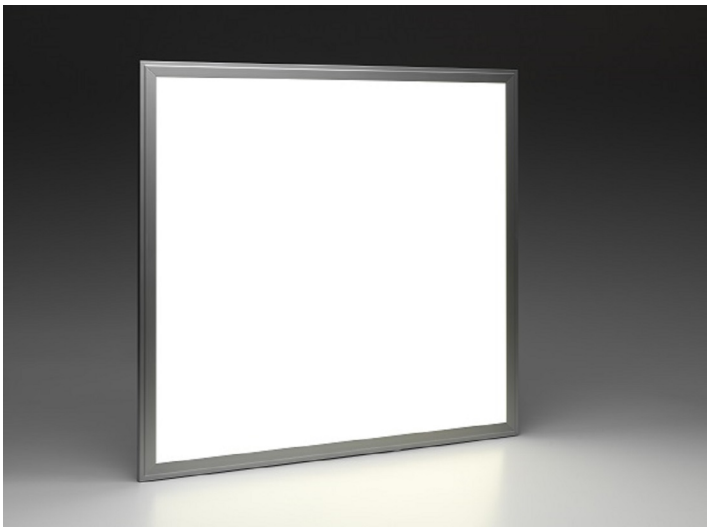
The Panel-LED luminaires are driven by 230Volt 50 Hertz small electronic drivers which are power-factor corrected. They can be supplied as standard mains-only luminaires and are also available as full emergency units. Dimming controls are also an option. The emergency option fully supports all the features of the LuxIntelligent test system and complies fully with all applicable requirements of EN60598.2.22.

Operation

The Panel-LED is supplied with all the standard emergency equipment housed within a galvanised remote metal housing. In the event of a power failure, the luminaire continues to operate for a further 3 hours from the nickel-metal hydride batteries. Maintained versions can be used for standard mains lighting and will automatically provide emergency lighting in the event of a loss of normal mains supply.

Installation

The Panel-LED drops into a standard 600mm square tile opening in exposed T ceilings. The luminaire is also available with dimming control options.



Features

- Low-energy high-light output
- Long-life LEDs (50,000 hours)
- Simple installation into suspended ceilings
- Fully complies with all aspects of EN60598.2.22
- Fully compatible with LuxIntelligent test system

Specification

Supply voltage (into driver)	110-254 Volts @50Hz
Power supply	47W (max. 50W)
Light source/output	LED (4* 150 LED strips), 4250 lumens
Battery	6V (5 Cell) NiMH 3 & 2 cell pack
Recharge period	24 hours (14 hours 1 hour duration)
Typical efficiency	82 Lm/W
Colour temperature	4500K
Dimensions (mm)	595 (Sq) x 12 (H)
Remote box dimensionsions	360 x 160 x 45 (mm)
Weight	5.85Kg (EM version) 4.7kg (mains only)
IP rating	IP54 (of panel)

Order Codes and Options

PLED/M3/P:	Panel-LED 3 hour maintained luminaire
PLED/230:	Panel-LED mains-only luminaire
PLED/230/Dim:	Panel-LED mains-only luminaire with dimming control
PLED/M3/P/Dim:	Panel-LED 3 hour maintained luminaire with dimming control

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.