ELMARK

The Brand of Electricity

LED PANELS ELMARK HIGH EFFICIENCY

GENERAL INFORMATION »

∴ Rated voltage: 230VAC
∴ Power: 30W.
∴ HIGH EFFICIENCY: 140lm/W
∴ Power supply: control gear, DC device - driver
∴ Light source: SMD 2835
∴ Colour temperature: 4000K; 6500K
∴ Housing: White
∴ Diffuser: even distribution of lights, without formation of lighter or darker spots
∴ Colour rendering index: Ra≥80
∴ Unified Glare Rating UGR<19
∴ Beam angle: 120˚
∴ Average life: 30 000 hours
∴ Switch on/off: >20 000
∴ Starting time: < 0.5s
∴ Power factor: 0.9
∴ Material: Iron + PS
∴ Mounting: Recessed
∴ Ambient temperature: -10˚C +55˚C
∴ Protection against dust and moisture: IP40; IP54
∴ Available in variant with an emergency kit
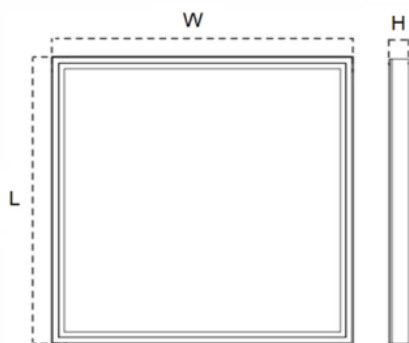∴ LED panels can be dimmed using a suitable dimmable driver and remote control.

FEATURES »

∴ Completely replace traditional fluorescent lighting
∴ Safety, low voltage operation
∴ Suitable for mounting in suspended celling Armstrong type
∴ Emit a very pleasant and even light with very low glare factor due to the diffusion lens
∴ Low power consumption
∴ Instant light with maximum luminous flux
∴ Environmentally friendly - do not emit mercury and lead
∴ No ultraviolet and infrared rays
∴ Resistant to shock and vibration
∴ Suitable for home, offices, halls, shops, hospitals

TECHNICAL SPECIFICATION SHEET

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PRODUCT DETAILS »

Catalogue number	Catalogue number with Emergency kit	IP	Watt (W)	Whole fixture lumens (lm)	Colour temp. (K)	Colour body
92PANEL023W	92PANEL023WE	IP40	30	4200	4000	white
92PANEL023CW	92PANEL023CWE	IP40	30	4200	6500	white
92PANEL023WIP54	92PANEL023WIP44E	IP54	30	4200	4000	white
92PANEL023CWIP54	92PANEL023CWIP44E	IP54	30	4200	6500	white

DIMENSIONS »

Catalogue number	Length (mm)	Width (mm)	Height (mm)
92PANEL023W	595	595	35
92PANEL023CW	595	595	35
92PANEL023WIP44	595	595	35
92PANEL023CWIP44	595	595	35

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TECHNICAL SPECIFICATION SHEET

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LED EMERGENCY KIT SPECIFICATIONS »

General information »

∴ Voltage: AC85-265V 50Hz
∴ Emergency Output: 3-40W
∴ Emergency Time: 2hrs (120mins)
∴ Battery: 3.7V 2400mAh
∴ Emergency Switching Time: <2s
∴ AC Fuse: 250V 1A
∴ DC Fuse: 250V 5A
∴ Luminous Flux: >100lm
∴ Light Source: LED
∴ Working temperature: -10℃ +55℃
∴ IP Rate: IP30

58mm   130mm   22mm

Wiring diagram

ACC220V 50Hz — LINE — NEUTRAL — Switch

Emergency kit — LED Lamp

Out — LED Driver — In

● - It indicates the connection