# ELMARK®

The Brand of Electricity

LED PANELS ELMARK UGR<19 IP40

GENERAL INFORMATION »

∴ Rated voltage: 230VAC
∴ Power: 48W
∴ Power supply: control gear, DC device - driver
∴ Light source: : SMD 2835
∴ Colour temperature: 4000K; 6400K
∴ 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: >15 000
∴ Starting time: < 0.5s
∴ Power factor: 0.9
∴ Ambient temperature: -10˚C +55˚C
∴ Protection against dust and moisture: IP40
∴ 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

TECHNICAL SPECIFICATION SHEET

ELMARK
The Brand of Electricity
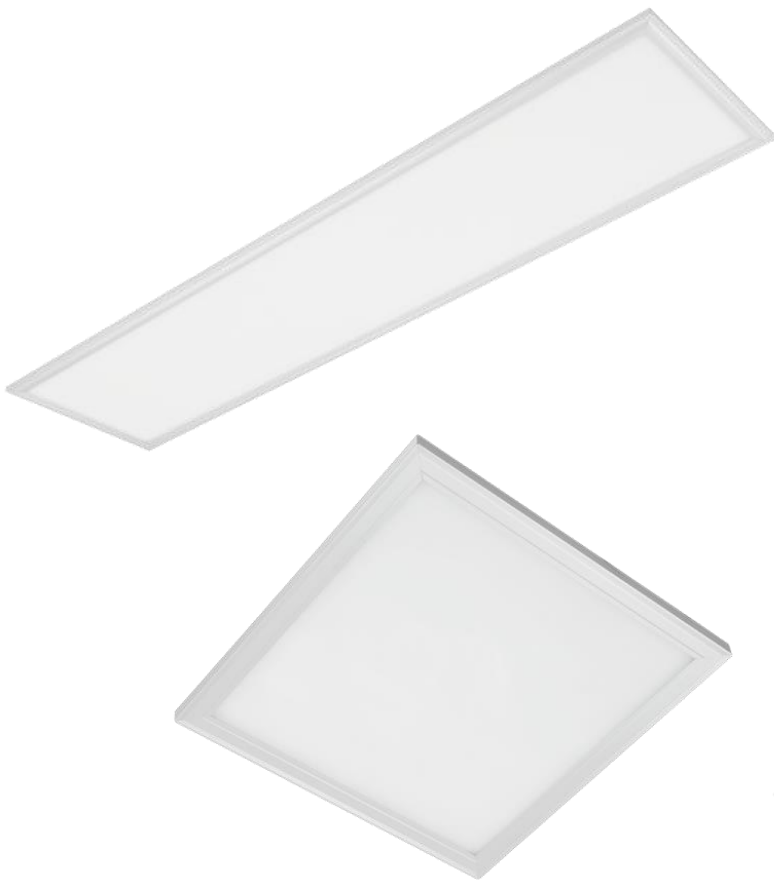
PRODUCT DETAILS »

Catalogue number	Catalogue number with Emergency kit	Dimmable	Watt (W)	Whole fixture lumens (lm)	Colour temp. (K)	Colour body
92PANEL028W	92PANEL028WE	-	48	5280	4000	white
92PANEL028CW	92PANEL028CWE	-	48	5280	6400	white
92PANEL029W	92PANEL029WE	-	48	5280	4000	white
92PANEL029CW	92PANEL029CWE	-	48	5280	6400	white

DIMENSIONS »
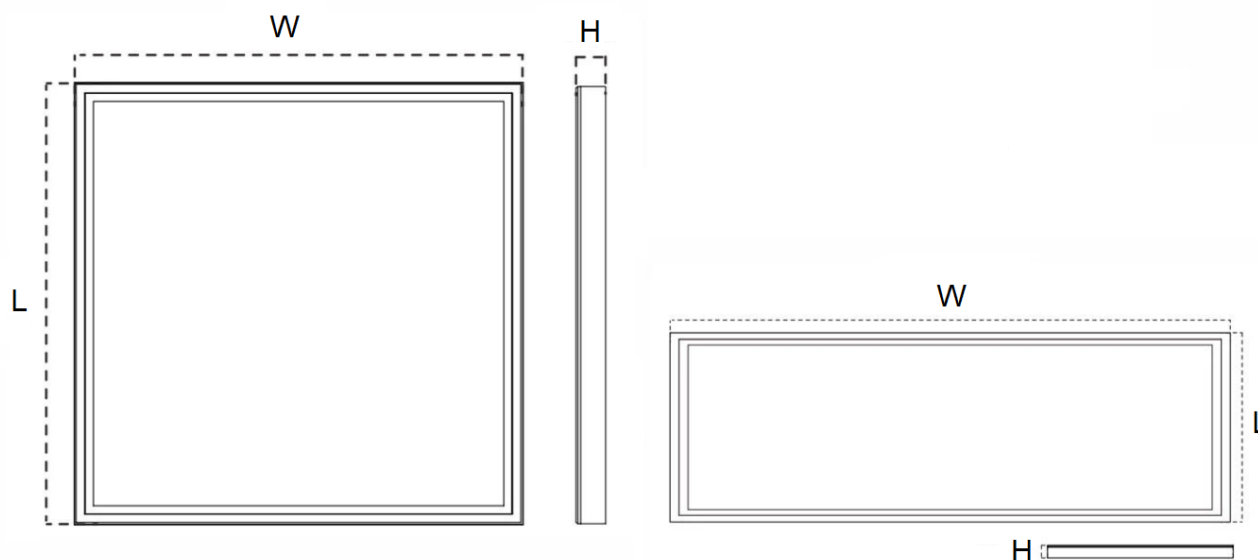
Catalogue number	Length (mm)	Width (mm)	Height (mm)
92PANEL028W	595	595	30
92PANEL028CW	595	595	30
92PANEL028WE	595	595	30
92PANEL028CWE	595	595	30
92PANEL029W	295	1195	30
92PANEL029CW	295	1195	30
92PANEL029WE	295	1195	30
92PANEL029CWE	295	1195	30

LED EMERGENCY KIT SPECIFICATIONS »

elmarkholding.eu

TECHNICAL SPECIFICATION SHEET

ELMARK®
The Brand of Electricity

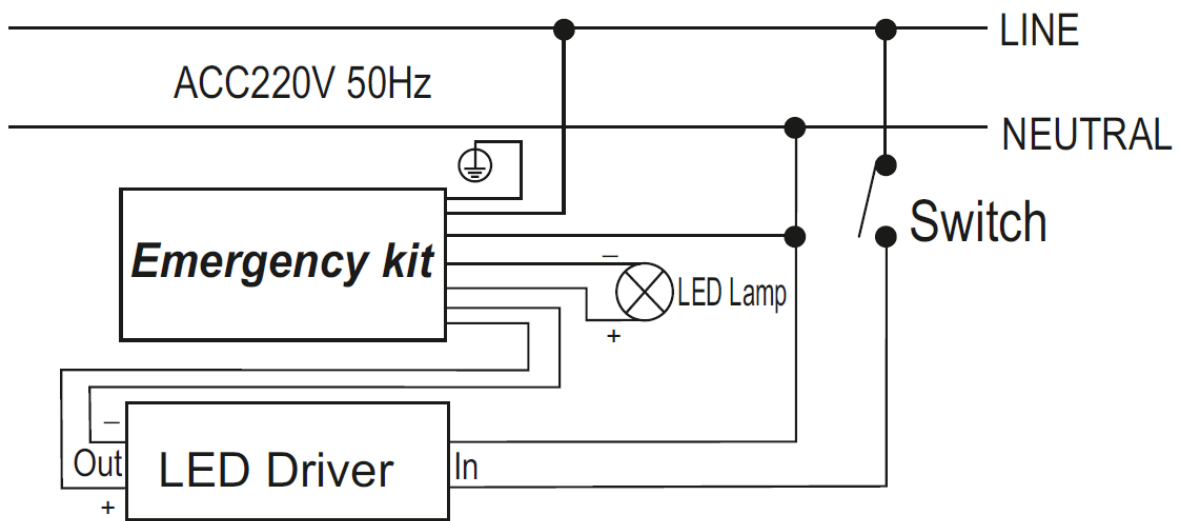## General information »

∴ 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
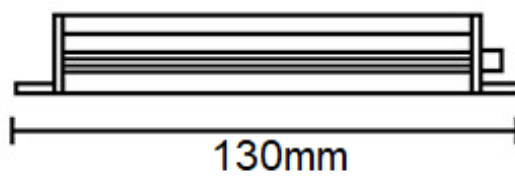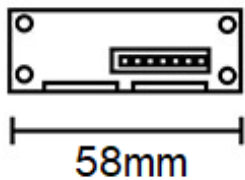
● - **It indicates the connection**

● Red = Charging   ● Blue = Emergency   ● Green = Power

TECHNICAL SPECIFICATION SHEET

ELMARK
The Brand of Electricity

ACCESSORIES FOR LED PANELS »

Suspension wire for suspended mounting Catalogue number: **99ACC18**
FRAME SURFACE MOUNT LED PANEL 595x595mm WHITE : 92FRAME020W
FRAME SURFACE MOUNT LED PANEL 295X1195mm WHITE: 92FRAME021W

ADDITIONAL INFORMATION »

Catalogue number	Barcode	Packing/Box (pcs)
92PANEL028W		1/5
92PANEL028CW		1/5
92PANEL028WE		1/5
92PANEL029W		1/5
92PANEL029CW		1/5
92PANEL029WE		1/5
92PANEL029CWE		1/5

CE RoHS COMPLIANT

elmarkholding.eu