

## TECHNICAL SPECIFICATION

### LED Panels – TETRAGON



#### Technical data

- Power: 24W/36W/48W
- Rated voltage : 85V - 265V
- Power supply: control gear, DC device – driver
- LED type: SMD
- Light source: Epistar SMD4014
- Colour temperature: 4000-4300K
- Protection against dust and moisture : IP21
- Housing: aesthetic aluminum frame, no change of color over time
- Diffuser: even distribution of lights, without formation of lighter or darker spots
- Installation: built-in / pendant kit available
- Long life: 30000 hours
- Colour rendering index: Ra≥80
- Starting time <0.5s
- Power factor  $\lambda > 0.9$
- Beam angle: 120°

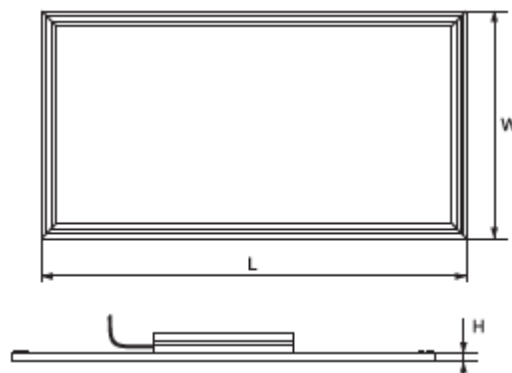
## Areas of application

- Residential buildings
- Commercial buildings
- Administrative buildings
- Banks
- Hospitals
- Schools

## Product benefits

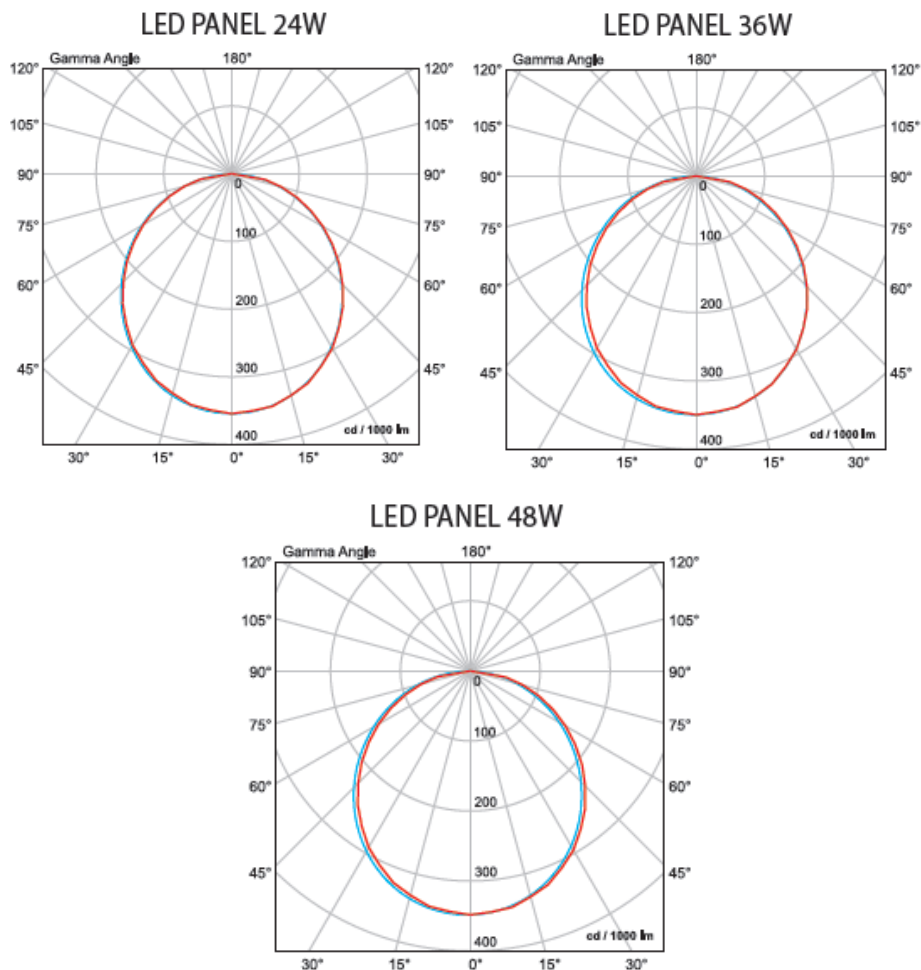
- Completely replace traditional fluorescent lighting
- Safety, low voltage operation
- Installation options: suspended ceilings, artificial walls, pendant mounting
- Emit a very pleasant and even light with very low glare factor due to the diffusion lens
- Low power consumption
- Repeated switch-on/off does not affect the lifespan of the LED panel
- Instant light with maximum luminous flux
- Environmentally friendly - do not emit mercury and lead (RoHS Directive)
- No ultraviolet and infrared rays
- Resistant to shock and vibration

## Variants and dimensions

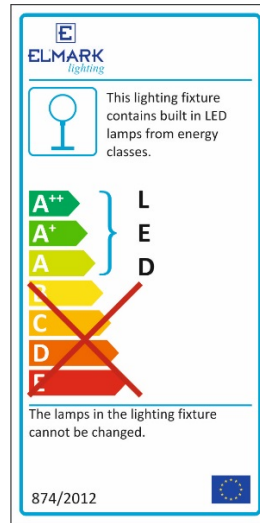


Watt	LED chip lumens(lm) / LED (pcs)	Whole fixture lumens (lm)	Colour temp. (K)	Colour body	Size			Catalogue number	Packing (pcs)
					Lenght	Width	Height		
24W	25 / 120	1900	4000-4300	aluminum	295	295	11	92PANEL012	5
36W	25 / 180	2880	4000-4300	aluminum	595	295	11	92PANEL013	5
48W	25 / 240	4000	4000-4300	aluminum	595	595	11	92PANEL014	5
48W	25 / 240	4000	4000-4300	aluminum	1195	295	11	92PANEL015	5

## Luminous distribution curves



## Energy efficiency



Elmark Industries SC

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## Barcodes

Barcode	Catalogue number
3800131186560	92PANEL012
3800131186577	92PANEL013
3800131186584	92PANEL014
3800131186591	92PANEL015

## Standards

EN 55015

EN 61000-3-2; EN 61000-3-3

EN 61547

EN 61000-4-2; EN 61000-4-4; EN 61000-4-5; EN 61000-4-8; EN 61000-4-11

EN 60598-1; EN 60598-2-2;

