

TECHNICAL SPECIFICATION

LED Panel SQUARE



Technical data

- Power: 12W/21W
- Rated voltage: 85V - 265V
- Power supply: control gear, DC device – driver
- LED type: SMD
- Light source: Epistar SMD2016
- Colour temperature: 2700-3000K / 4000-4300K
- Protection against dust and moisture: IP40
- Housing: white aluminum frame
- Diffuser: even distribution of lights, without formation of lighter or darker spots
- Installation: built-in
- Long life: 30000 hours
- Power factor: $\lambda > 0.8$
- Starting time: $< 0.5s$
- Beam angle: 120°
- Colour rendering index: $Ra \geq 80$

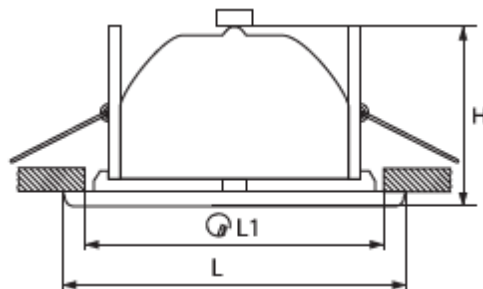
Areas of application

- Residential and commercial buildings
- Administrative buildings
- Banks
- Hospitals, Schools

Product benefits

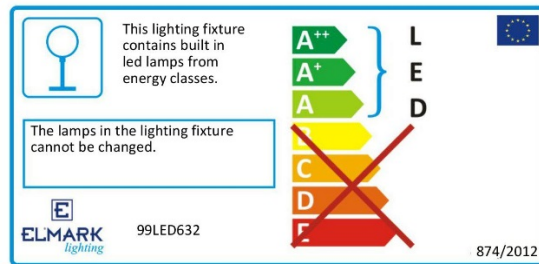
- Completely replace traditional fluorescent lighting
- Safety, low voltage operation
- Installation options: suspended ceilings, artificial walls, pendant mounting
- Emit a very pleasant and even light with very low glare factor due to the diffusion lens
- Low power consumption
- Repeated switch-on/off 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 (mm) | | | | | Catalogue number | Packing (pcs) |
|------|----------------------------------|---------------------------|------------------|-------------|-----------|-----|----|-----|-----|------------------|---------------|
| | | | | | L | W | H | L1 | W1 | | |
| 12W | 27 / 60 | 960 | 4000-4300 | white | 145 | 145 | 21 | 130 | 130 | 99LED632 | 40 |
| 12W | 27 / 60 | 1040 | 2700-3000 | white | 145 | 145 | 21 | 130 | 130 | 99LED633 | 40 |
| 21W | 27 / 100 | 1680 | 4000-4300 | white | 225 | 225 | 21 | 205 | 205 | 99LED634 | 20 |
| 21W | 27 / 100 | 1680 | 2700-3000 | white | 225 | 225 | 21 | 205 | 205 | 99LED635 | 20 |

Energy efficiency



Barcodes

| Barcode | Catalogue number |
|---------------|------------------|
| 3800131184177 | 99LED632 |
| 3800131184184 | 99LED633 |
| 3800131184191 | 99LED634 |
| 3800131184207 | 99LED635 |

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

