

TECHNICAL SPECIFICATION

LED Panel ROUND WHITE



Technical data

- Power: 6W/12W/16W/21W/30W
- 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
- Installation: built-in
- Long life: 30000 hours
- Power factor: $\lambda > 0.8$
- Starting time: $< 0.5s$
- Beam angle: 120°
- Colour rendering index: $Ra \geq 80$

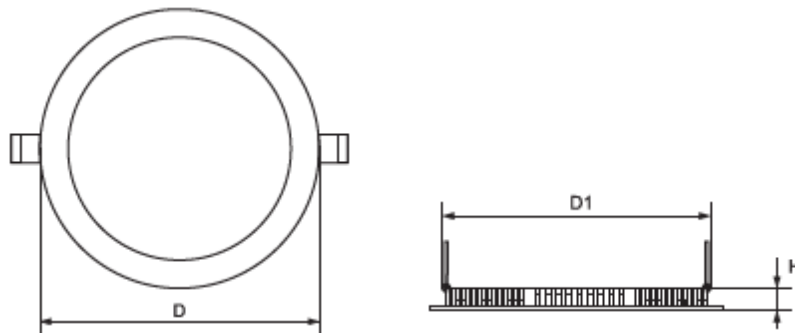
Areas of application

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

Product benefits

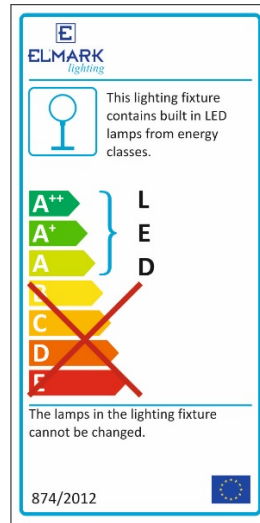
- Completely replace traditional fluorescent lighting
- Safety, low voltage operation
- Installation options: suspended ceilings, artificial walls, pendant mounting
- Emit a very pleasant and even light with very low glare factor due to the diffusion lens
- Low power consumption
- Repeated switch-on/off 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			Catalogue number	Packin g (pcs)
					D	H	D1		
6W	27 / 30	480	4000-4300	white	105	21	90	99LED609	60
6W	27 / 30	480	2700-3000	white	105	21	90	99LED610	60
12W	27 / 60	960	4000-4300	white	145	21	130	99LED611	40
12W	27 / 60	960	2700-3000	white	145	21	130	99LED612	40
16W	27 / 75	1280	4000-4300	white	192	21	175	99LED614	20
16W	27 / 75	1280	2700-3000	white	192	21	175	99LED615	20
21W	27 / 100	1680	4000-4300	white	225	21	205	99LED617	20
21W	27 / 100	1680	2700-3000	white	225	21	205	99LED618	20
30W	27 / 120	2400	4000-4300	white	300	21	280	99LED620	20
30W	27 / 120	2400	2700-3000	white	300	21	280	99LED621	20

Energy efficiency



Elmark Industries SC

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Barcodes

Barcode	Catalogue number
3800131183941	99LED609
3800131183958	99LED610
3800131183965	99LED611
3800131183972	99LED612
3800131183996	99LED614
3800131184009	99LED615
3800131184023	99LED617
3800131184030	99LED618
3800131184054	99LED620
3800131184061	99LED621

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

