

TECHNICAL SPECIFICATION

LED Lamp

LEDSMD MR16



Technical data

- Nominal voltage: 12V AC/DC
- Nominal wattage: 5.5W
- Rated luminous flux: 400lm
- Colour temperature:
 - 4000K – white
 - 2700K – warm white
- Colour rendering index: Ra≥80
- Beam Angle: 120°
- Warm-up time (60 %): Instant
- LED type: SMD2835
- Light source: Epistar Taiwan
- Base: GU5.3
- Average Lifetime: 30 000h
- Number of switching cycles: > 20000
- Dimmable: No
- Power factor: $\lambda > 0.80$
- Starting time: < 0.50s
- Lamp mercury content: 0.0mg

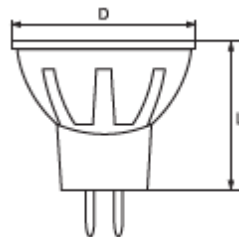
Product benefits

- Lower maintenance cost thanks to longer lifetime
- Reduced operational cost thanks to lower energy consumption.
- Mercury free.
- Maximum resistance to switching loads.
- Correct operation even at low temperature.
- Instant-on light.

Areas of application

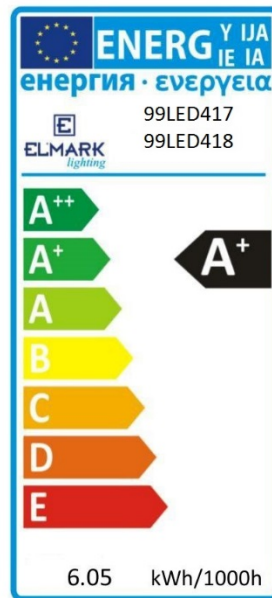
- All domestic rooms, especially where the lamps are visible
- Directional light sources
- Outdoor applications only in suitable luminaires
- Direct and indirect lighting
- Accent lighting

Variants and dimensions



Watt	Colour	LED chip lumens (lm) / LED(pcs)	LED lamp lumens (lm)	Colour temp. (K)	Size (mm)		Catalogue number	Packing (pcs)
					Length	Diameter		
5.5W	white	33 / 19	400	4000	52	50	99LED417	100
5.5W	warm white	33 / 19	400	2700	52	50	99LED418	100

Energy efficiency



Barcodes

Barcode	Catalogue number
3800131178527	99LED417
3800131178534	99LED418

Standards

EN 55015

EN 61000-3-2; EN 61000-3-3; EN 61000-4-2; EN 61000-4-4; EN 61000-4-5; EN 61000-4-8; EN 61000-4-11

EN 61547

EN 62031

