

TECHNICAL SPECIFICATION

Lamp LEDSMD PAR16



Technical data:

- Nominal voltage: 230V 50Hz
- Power: 5.5W

Colour temperature: 2700K

- LED type: SMD2835
- Power equivalent: 40W
- Light source: Epistar Taiwan
- Base: E27
- Power factor: $\lambda > 0.8$
- Lumen main. fact. at end of nom. Life time: 0,7
- Max. Intensity: 622,3cd
- Beam Angle: 120° (The lamp is not suitable for accent lighting)
- Colour rendering index: $Ra \geq 80$
- Average Lifetime: 30 000h
- Switch on/off > 20000

Product benefits:

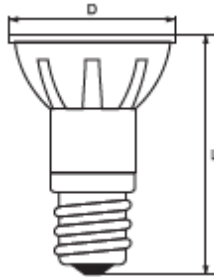
- Lower maintenance cost thanks to longer lifetime
- Reduced operational cost thanks to lower energy consumption.
- Mercury free.

- Maximum resistance to switching loads.
- Correct operation even at low temperature.
- Instant-on light.

Areas of application:

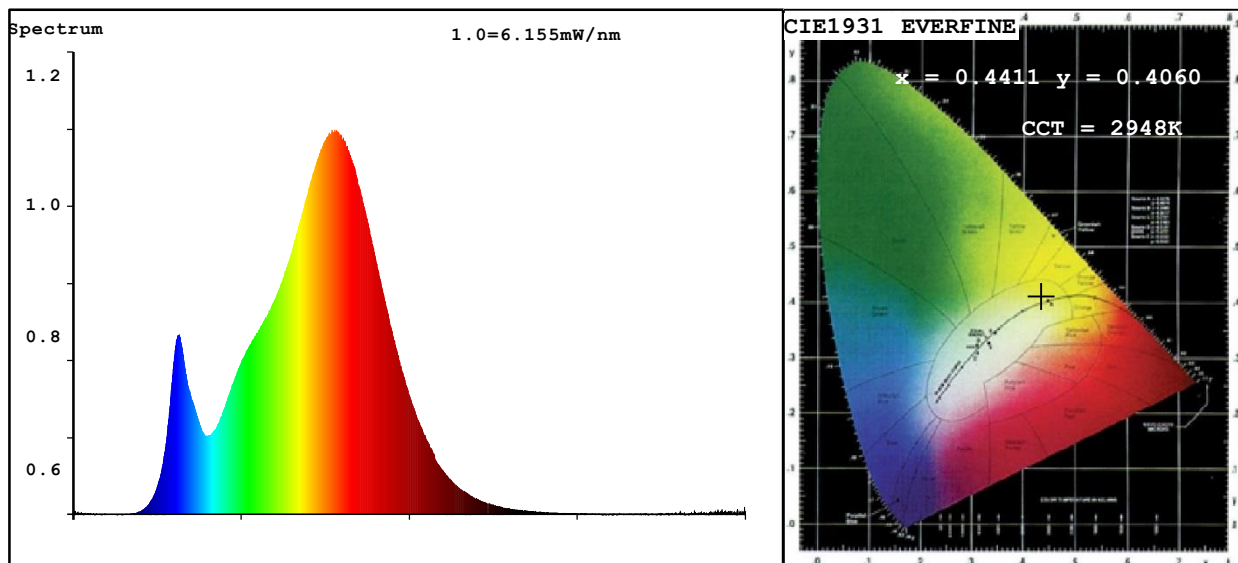
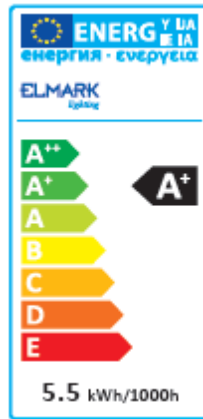
- All domestic rooms, especially where the lamps are visible
- Directional light sources
- Outdoor applications only in suitable luminaires
- Direct and indirect lighting
- Accent lighting

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	warm white	33 / 19	400	2700	75	50	99LED422	100

Energy efficiency:



Color Parameters:

Chromaticity Coordinate: $x=0.4399$ $y=0.4055$ / $u'=0.2519$ $v'=0.5224$
CCT=2961K(Duv=0.0002) Dominant WL:Ld =582.9nm Purity=53.8%
Ratio:R=23.1% G=74.3% B=2.6%; Peak WL:Lp=601.8nm FWHM=124.0nm
Render Index:Ra=81.9

Barcodes:

Barcode	Catalogue number
3800131178572	99LED422

Standards:

EN 55015

EN 61000-3-2

EN 61000-3-3

EN 61547

EN 62560

