

LED PAR30

10W Dimmable

DATA SHEET

Product information

This range presents a great opportunity for substantial energy savings with retro-fit replacements for PAR30 halogen products by consuming only 10W of power. Further, significant reduction of maintenance costs are possible with long lifetime of 50,000 hours.

Features

- Dimmable 10%~100%
- 2700K & 3000K
- 20 & 35 degree beam angles
- 50,000h life hours
- 450-500 Lumens

Application areas

LED PAR30 dimmable lamps offer significant energy savings versus halogen versions. Coupled with long life, they are superb replacements where halogen lamps are in use such as: accent and display lighting applications in a commercial and retail environments.



Standards

- IEC 60061-1.: Lamp Caps and holders together with gauges for the control of interchangeability and safety
- IEC or EN 60969.: Self ballasted lamps for general lighting services – Performance Requirements
- IEC or EN 60968.: Self-ballasted lamps for general lighting services – Safety requirements
- CIE S 009/E:2002.: Photobiological Safety of Lamps and Lamp Systems
- EN 61547.: Equipment for General Lighting purposes – EMC Immunity requirements
- EN 55015 or CISPR 15.: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2.: Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
- EN 61000-3-3.: Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up to 16 A
- EN 60630.: Maximum lamp outlines for incandescent lamps

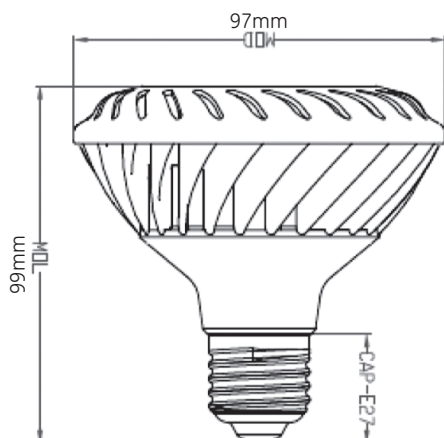


GE imagination at work

Specification summary

Watt	Volt	Cap	SKU	Product description	CCT	Lumen	Candela	Beam angle	CRI	Life	PF	Switch Cycles	CCT Steps	Weight	Diameter	Length	Pack Qty
10	220-240	E27	79409	LED10DP30S/827/20/E27	2 700	450	3 450	20	80	50 000	0,80	25 000	5	310	97	99	1/6
10	220-240	E27	79410	LED10DP30S/827/35/E27	2 700	450	1 100	35	80	50 000	0,80	25 000	5	310	97	99	1/6
10	220-240	E27	79411	LED10DP30S/830/20/E27	3 000	500	3 720	20	80	50 000	0,80	25 000	5	310	97	99	1/6
10	220-240	E27	79412	LED10DP30S/830/35/E27	3 000	500	1 130	35	80	50 000	0,80	25 000	5	310	97	99	1/6

Dimensions



Maximum T_{hs} recommended

PAR30 10W Dimmable 80° C



Lumen maintenance at rated life

>70% lumen maintenance by 90% of lamps at 50,000 hours

Operation and maintenance

- Suitable for use in open and recessed fixtures (not closed) with 10mm air gap
- Store and use the lamps the same way as halogen lamps.
- Suitable for voltage fluctuations of +/- 10%
- Switch off mains supply before installing/removing lamp.
- Dimmable on most leading edge dimmers.
- Ambient temperature range -20° C to 40°C