

LED Precise Constant Color™ PAR20 7W & PAR30 12W

Replacements for 60W & 75W



DATA SHEET

Product information

GE's new LED Precise Constant Color™ PAR range combines a high intensity spotlight beam with substantial energy savings with only 7W and 12W. The 90+ CRI provides excellent colour rendering and comes with a new, high aesthetic COB design.

Additionally, the 40,000 hours L70 life time offers significant reduction to maintenance costs by sharply reducing replacement frequency.

Features & benefits

- "A" Energy Class
- Up to 780 total lumens
- 90+ Colour Rendering Index
- 40,000 Life hours at L70
- Available in 2700 and 3000K
- Dimmable from 20% to 100%
- Retrofit

Application areas



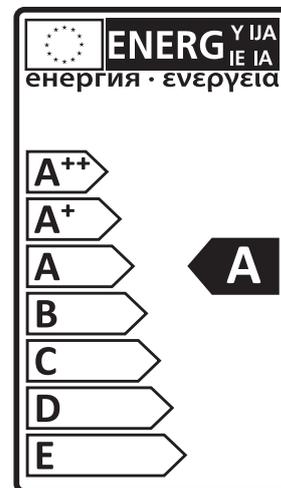
Retail



Hospitality



Residential



Compliance

- EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting
- EN 61547 Equipment for general lighting purposed EMC immunity requirements
- EN 61000-3-2 Limits for harmonic current emissions (equipment rated current $\leq 16A$)
- EN 61000-3-3 Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current $\leq 16A$)
- IEC 62471 Photo biological safety of lamps and lamp systems
- IEC 60061 Lamp Caps and holders together with gauges for the control of interchangeability and safety



GE imagination at work

Specifications

Type	Base	Rated Power	CCT [K]	Total Lumens	DIM2 Lumen	Rated Angle	CBCP	Life L70 [hrs]	EEC	Energy Consumption [kwh/100h]	Pack Qty	Code
R63	E27	7	2700	400	380	35	1000	40,000	A	7,00	1/10	93011164
R63	E27	7	3000	450	420	35	1100	40,000	A	7,00	1/10	93011165
PAR 30	E27	12	2700	760	720	35	2200	40,000	A	12,00	1/10	93011166
PAR 30	E27	12	3000	780	740	35	2300	40,000	A	12,00	1/10	93011167

Common attributes

- Colour Rendering Index >90
- Input Voltage: 220-240V
- Warm up time: Instant on
- Switching Cycles: 40,000
- Power factor: 0.9

Recommended operation temperature



Thermal test point

PAR 20 Desired outputs

Ths Max for L70	73°C
THs Max for B50	73°C



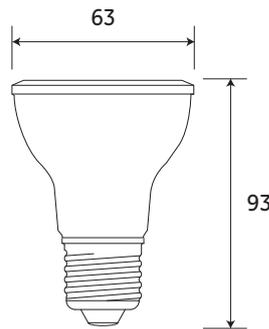
Thermal test point

PAR 30 Desired outputs

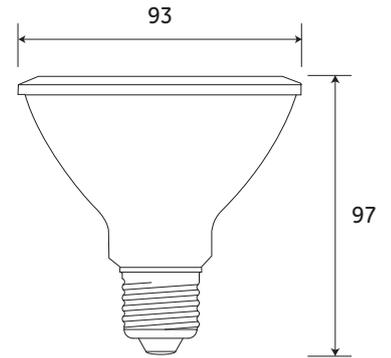
Ths Max for L70	70°C
THs Max for B50	70°C

Dimensions [mm]

PAR 20



PAR 30



Operation and maintenance

- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don't deliver voltage spike to lamps causing overheating/failure.
- Ambient temperature range -20° C to 40°C
- Lamps should be kept free from contamination.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Not for use in totally enclosed recessed fixtures.

GE LED Precise Constant Colour™ PAR20 & 30 lamps are dimmable on most leading and trailing edge dimmers, for more information please check our website www.gelighting.com/dimming-led.