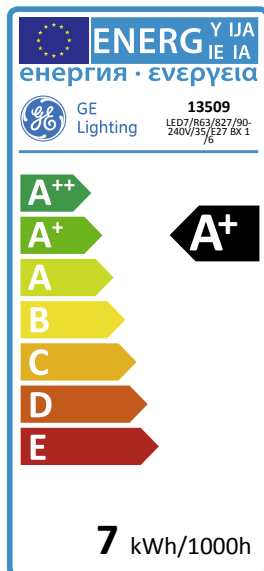




GE
Lighting



7
kWh/1000h

A+
energy class

71
lumens/watt

GE Energy Smart™ PAR20 LED7/R63/827/90-240V/35/E27 BX 1/6 13509

Product information

GE's new LED PAR range combines a high intensity spotlight beam with substantial energy savings. The PAR20 design delivers a cost effective solution for 65W lamps with up to 550 Lumen output from only 7W of power, saving nearly 90% in energy consumption. Additionally, the 40,000 hours L70 life time offers significant reduction to maintenance costs by sharply reducing replacement frequency.

Application areas

 Retail

 Hospitality



Product data

Cap/Base	E27
Bulb Shape	PAR
Bulb Finish	Coated
Bulb Diameter [mm]	63
Maximum Overall Length [mm]	88.9
Net weight per piece [g]	150
Gross weight per piece [g]	227
Brand	General Electric (GE)

Performance data

Colour Rendering Index (CRI) [Ra]	84
Nominal correlated colour temperature (CCT) [K]	2700
Nominal beam angle [°]	35
Rated beam angle [°]	35
Nominal center beam candlepower (CBCP) [cd]	1100
Nominal lumens [lm]	500
Rated Lumens [lm]	500
Useful lumens (at 90° cone) [lm]	450
Energy efficiency class (EEC)	A+
Rated life L70/B50 [h]	25000
Weighted energy consumption [kWh/1000h]	7

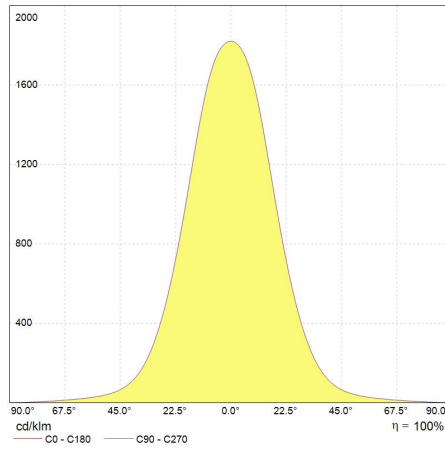
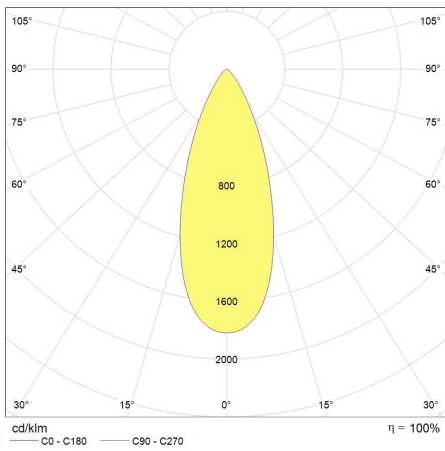
Electrical data

Nominal power [W]	7
Rated power [W]	7.0
Nominal lamp power factor	0.9
Nominal lamp voltage [V]	230
Lamp Current [A]	0.09
Run-up time (sec)	<1s
Starting time (sec)	<0.5s
Number of switching cycles	40000
Dimming Capability	No

Logistic data

DUN Code	10043168135099
EAN Code	0043168135092
Pack Quantity	6
Inner pack type	BOX
Layer quantity	150 EUR, 180 UK
Layer quantity EUR	150
Layer quantity UK	180
Pallet quantity EUR (PC)	1200
Pallet quantity UK (PC)	1440
Outer case size	238 x 159 x 135 (mm)
Product status	Available

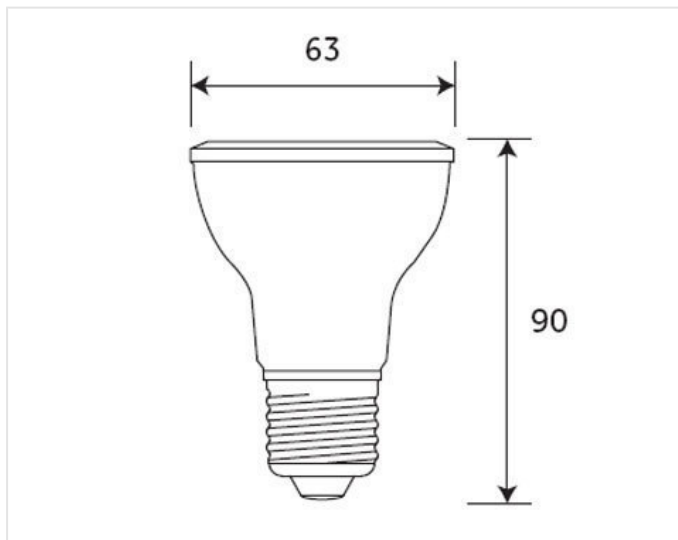
Photometric Data



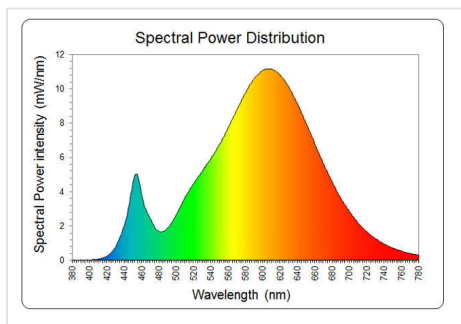
Distance [m]	Cone diameter [m]	E(0°) E(C0)	19.5°	illuminance [lx]
0.5	0.35	E(0°) E(C0)	19.5°	4800 1940
1.0	0.71	E(0°) E(C0)	19.5°	1150 485
1.5	1.06	E(0°) E(C0)	19.5°	511 216
2.0	1.42	E(0°) E(C0)	19.5°	288 121
2.5	1.77	E(0°) E(C0)	19.5°	184 78
3.0	2.12	E(0°) E(C0)	19.5°	128 54

Distance [m] Cone diameter [m] illuminance [lx]
C0 - C180 (Half-value angle: 39.0°)

Technical drawing



Spectral distribution



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Photometry \(IES\)](#)

[LED Lighting Solutions - Catalogue \(EN\) \(PDF\)](#)

[Dimming compatibility \(HTTP\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Datasheets \(HTTP\)](#)

[High-res images / Technical drawings \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)