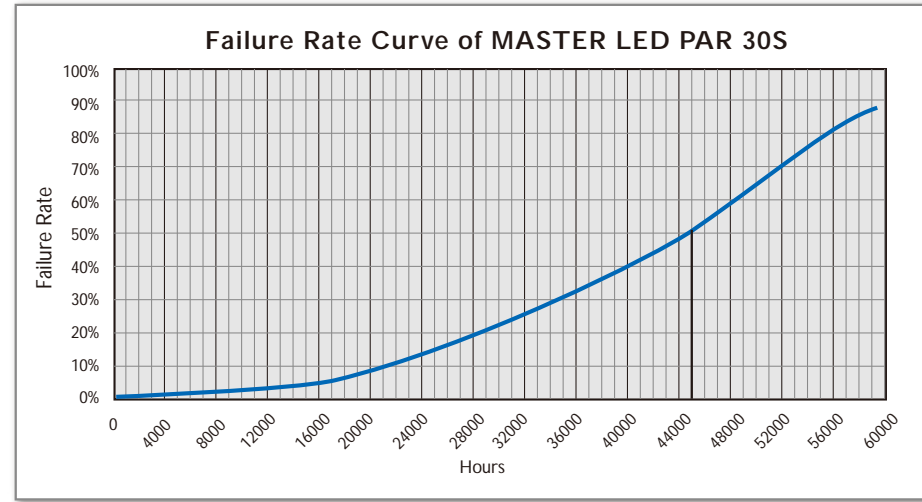
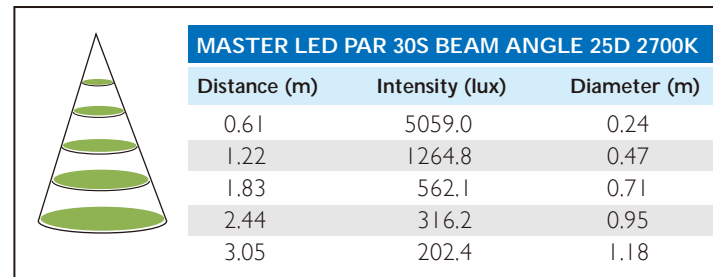


Lifetime



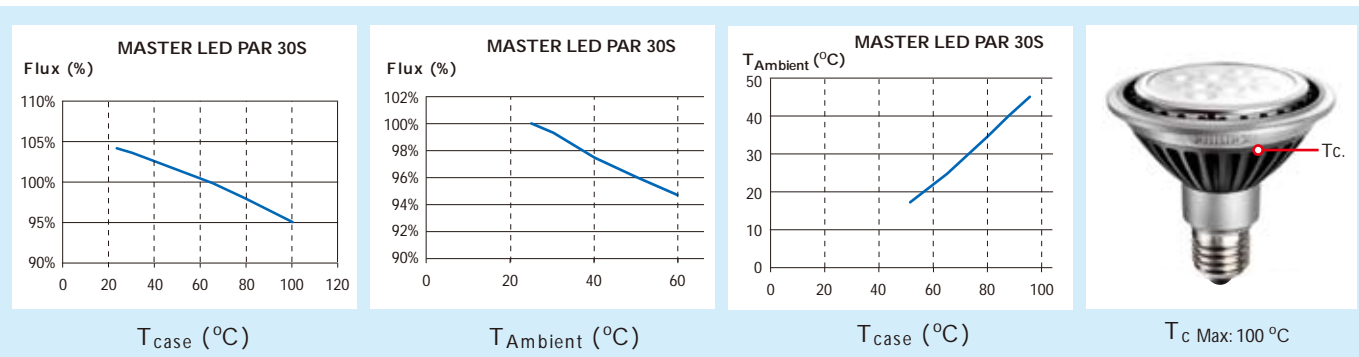
- PHILIPS MASTER LED PAR30S lamp has a lifetime of 45,000 hours, defined as the number of hours when 50% of a large group of identical lamps below 70% of its initial lumens.
- Lifetime estimation based on the application environment condition: at room temperature (25°C), free air burning, base down burning position, and at rated voltage.

Typical Luminance



Temperature

MASTER LED PAR 30S is designed for operation in all PAR 30 lighting installations in open fixtures. 10mm free air space is needed around the lamp housing to ensure long-life.



New Generation of Energy Saving Light

MASTER LED PAR 30S



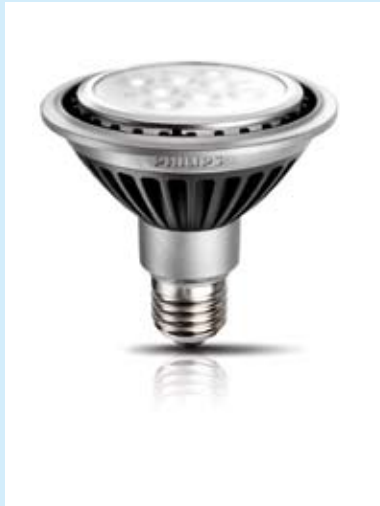
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PHILIPS
sense and simplicity

Introduction



The design of PHILIPS MASTER LED PAR 30S integrates a high power LED light source with an excellent thermal management solution in a standard halogen form-factor. This replacement lamp on 230V version provides the light intensity and quality produced by traditional halogen reflector lamps of 75W.

MASTER LED PAR 30S is ideal for a myriad of applications including display case fixtures, general lighting, plus industrial OEM equipment lighting.

Design Highlights

- Up to 85% energy saving compared to standard halogen and incandescent spot lamps
- Long lifetime (B50,L70) of 45,000 hours
- Operates at 230VAC and its form-factor is designed as a direct retrofit into PAR 30S fixtures
- Highly focused beam for a clearly defined beam spread
- CCT: 2700 K
- No UV and cool beam (no IR)
- Environmental friendly, without mercury or any other hazardous substances
- RoHS compliant

Application Areas

PHILIPS MASTER LED PAR 30S lamp is suitably designed for spot and general lighting applications in shops and hotels.

Unlike the conventional halogen reflector lamps, PHILIPS MASTER LED PAR 30S lamp, with only 11W power consumption, has a long lifetime of 45,000 hours, ensuring minimum maintenance cost in public areas such as:

- Corridors/ Stairway/ Washroom
- Lobby/ Reception areas
- Display racks/ Windows

Application Notes

- Operating temperature range is between -20°C and 45°C ambient
- Only to apply in dry indoor environments and open fixtures with PAR 30S lamp-holder that offers sufficient space (10mm free air)
- Not intended for use with emergency light fixtures or exit lights
- For use in fixtures that can structurally support a lamp weighing half kilogram

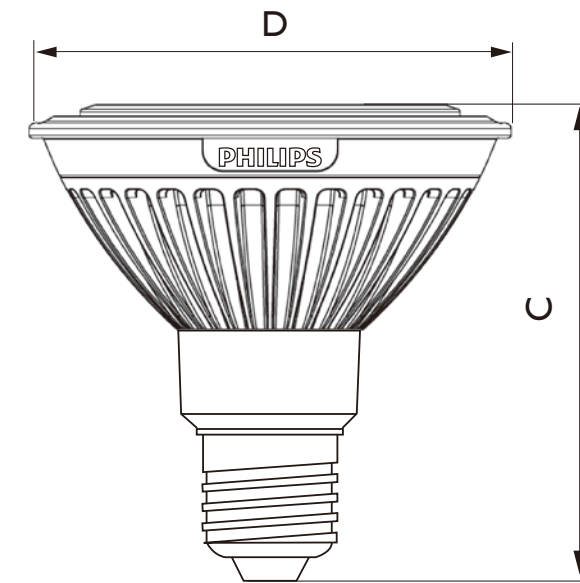
Product Design

Technical Specifications

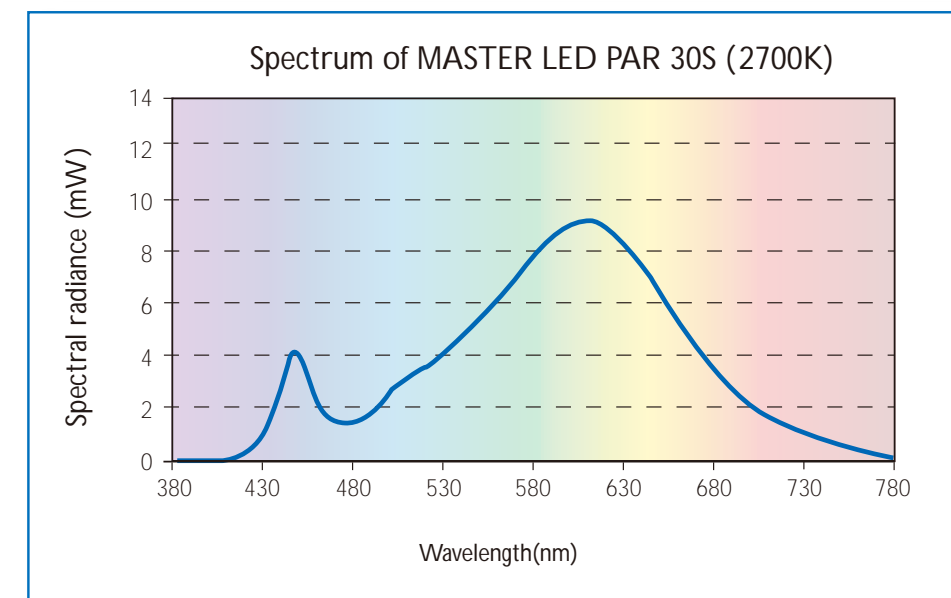
Product name	Wattage (W)	Power Factor	Cap Base	CRI	Luminous Flux (lm)	Lifetime (hrs)	Voltage (V)	Beam Angle (°)	CCT	Beam Intensity (Cd)	Dimmable
MASTER LED PAR 30S 230V	11	0.87	E27	80	430	45000	230	25	2700K	1880	no

Fixture Compatibility

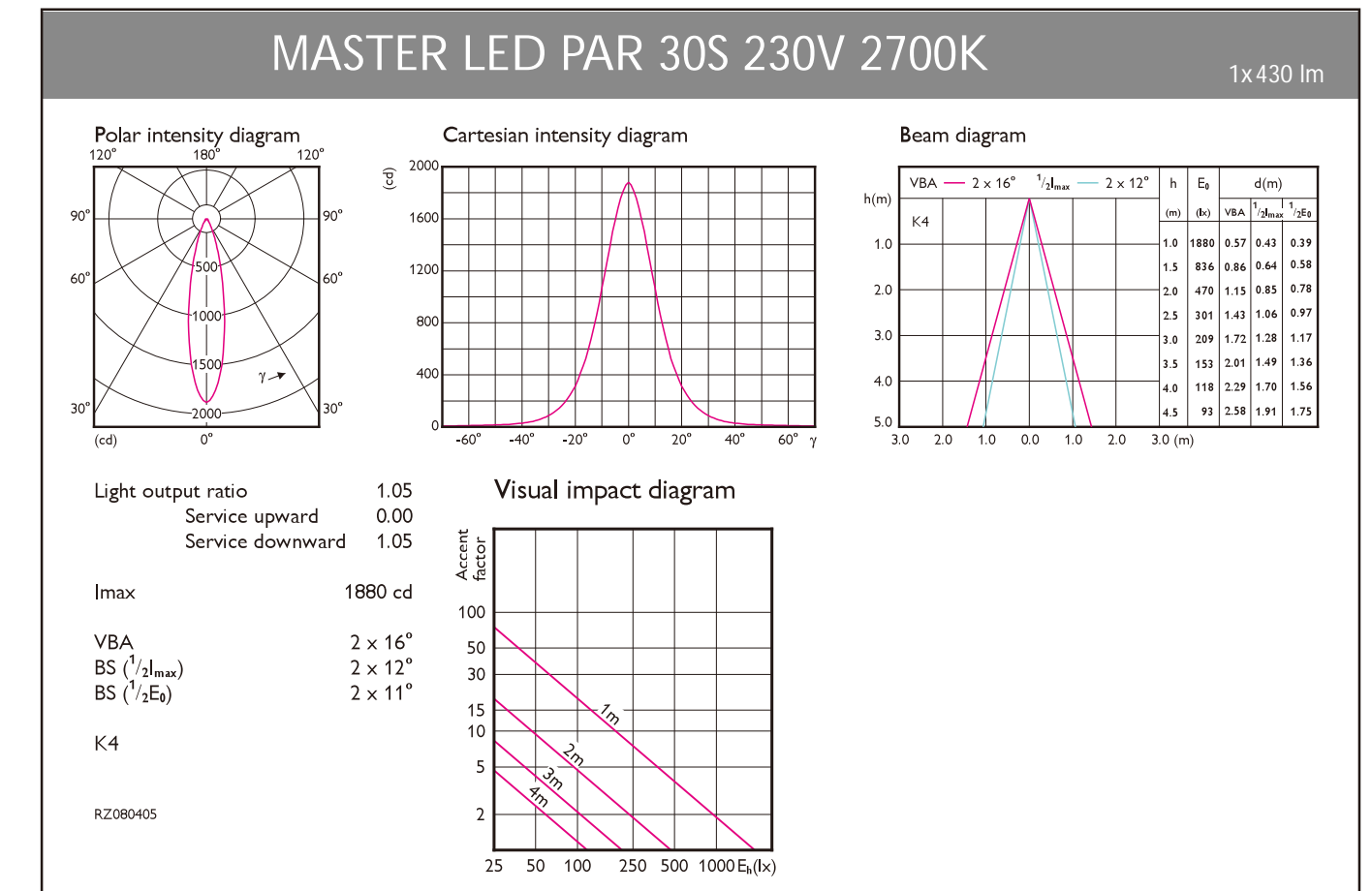
Type	C Overall length (mm)	D Diameter (mm)	Weight (kg)
MASTER LED PAR 30S 230V	93	92.1	0.32



Spectral Power Distribution



Photometric Diagrams



Polar Diagram Comparison

