



The affordable LED solution

Essential LEDspot PAR

Essential LED PAR is an affordable LED spot lamp that is designed as a retrofit replacement for halogen spots PAR lamps. It provides a natural lighting effect as well as instant energy savings – an environment-friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality and retail segments.

Benefits

- Reduced operational cost thanks to energy savings of up to 80%
- Lower maintenance cost thanks to more than five times longer lifetime than conventional halogen spot lamps
- Easy retrofit, upgrading the existing luminaire to LED technology
- Low initial investment

Features

- Lower energy consumption compared to halogen spot PAR lamp
- Retrofit replacement of halogen spot lamps with existing transformers
- Lifetime up to 15,000 hours
- Non-dimmable

Application

- Hospitality (restaurants, hotels, coffee bars)
- Retail

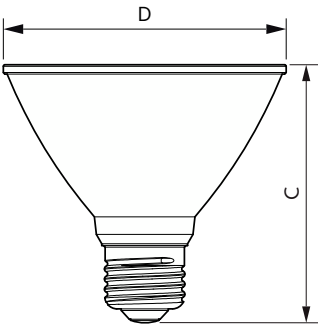
Essential LEDspot PAR

Versions



12-100W E26 PAR30S

Dimensional drawing



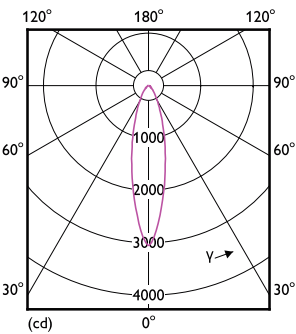
Product	D	C
Essential LED 12-100W PAR30s 827 25D KR	86 mm	93 mm
Essential LED 12-100W PAR30s 840 25D KR	86 mm	93 mm

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General Information	
Cap-Base	E26
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Beam Angle (Nom)	25 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	1,100 lm
Luminous Intensity (Nom)	2,700 cd
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	12 W
Starting Time (Nom)	0.8 s
Wattage Equivalent	100 W
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR30S
Approval and Application	
Energy Consumption kWh/1000 h	12 kWh

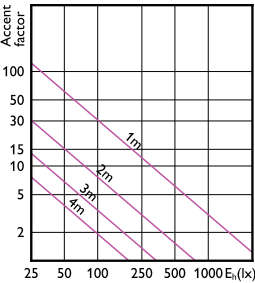
Light Technical

Order Code	Full Product Name	Correlated Color Temperature	
		(Nom)	Color Code
929001944408	Essential LED 12-100W PAR30s 827 25D KR	2700 K	827
929001944508	Essential LED 12-100W PAR30s 840 25D KR	4000 K	840



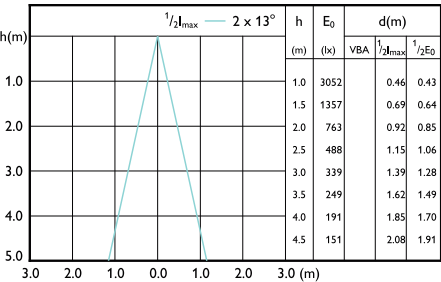
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Accent Diagrams



Accent Diagram - Essential LED 12-100W
PAR30s 827 25D KR

Beam Diagrams



Beam diagram - Essential LED 12-100W PAR30s
827 25D KR

