



# 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

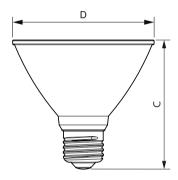
# **Essential LEDspot PAR**

## Versions



12-100W E26 PAR30S

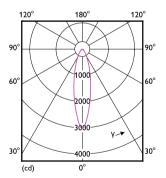
## Dimensional drawing



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

# **Essential LEDspot PAR**

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	70 %
(Nom)	
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 ℃
Controls and Dimension	
Controls and Dimming  Dimmable	Na
Diminable	No
Mechanical and Housing	
Bulb Shape	PAR30S
Approval and Application	
Energy Consumption kWh/1000 h	12 kWh

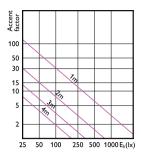


## Light Technical

		Correlated Color Temperature	
Order Code	Full Product Name	(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

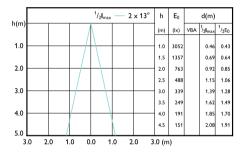
## **Essential LEDspot PAR**

### **Accent Diagrams**



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

### **Beam Diagrams**



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



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