



# **LED Small Spots**

# 8PAR16/LED/830/F25/DIM/G/120V 6/3FB

Philips standard and Glass LED spots are a perfect fit for basic spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 socket and are designed as a retrofit replacement for halogen spots. They provide the beautiful light and performance you expect from the LED technology at an affordable price.

#### **Product data**

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	600 lm
Luminous Intensity (Nom)	1,500 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	60 Hz
Input Frequency	60 Hz

Power Consumption	8 W
Lamp Current (Nom)	80 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	85 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

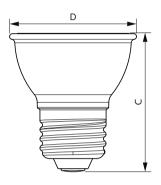
Datasheet, 2023, May 15 data subject to change

# **LED Small Spots**

Product Data	
Order product name	8PAR16/LED/830/F25/DIM/G/120V 6/3FB
Full product name	8PAR16/LED/830/F25/DIM/G/120V 6/3FB
Order code	541078
Material Nr. (12NC)	929001974004
Numerator - Quantity Per Pack	1

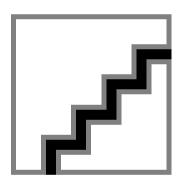
EAN/UPC - Product/Case	046677541071
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677541076

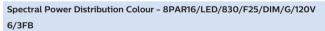
## Dimensional drawing

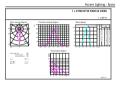


Product	D	С
8PAR16/LED/830/F25/DIM/G/120V 6/3FB	51 mm	55 mm

#### Photometric data

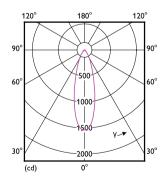






Calculus Phenomenina 43 Philips Lighning B.V. Page 197

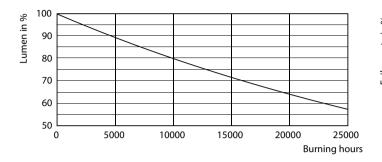
## Accent Lighting Spots - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB

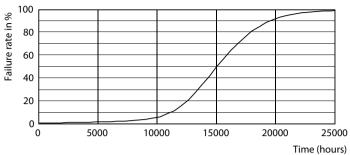


Light Distribution Diagram - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB

## **LED Small Spots**

#### Lifetime





Lumen Maintenance Diagram - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB

Life Expectancy Diagram - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB



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