



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

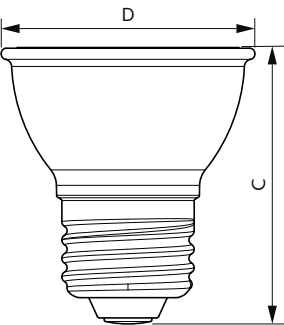
General Information		Power Consumption	
Cap-Base	E26 [Single Contact Medium Screw]		8 W
Nominal lifetime	15,000 hour(s)	Lamp Current (Nom)	80 mA
Switching Cycle	50,000	Wattage Equivalent	60 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.9
Color Code	830 [CCT of 3000K]	Voltage (Nom)	120 V
Beam Angle (Nom)	25 degree(s)	Temperature	
Luminous Flux	600 lm	T-Case Maximum (Nom)	85 °C
Luminous Intensity (Nom)	1,500 cd	Controls and Dimming	
Color Designation	White (WH)	Dimmable	Yes
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	75.00 lm/W	Bulb Shape	PAR16 [PAR 2 inch/50mm]
Color Consistency	<6	Approval and Application	
Color rendering index (CRI)	80	Suitable For Accent Lighting	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Consumption kWh/1000 h	- kWh
Operating and Electrical			
Line Frequency	60 Hz		
Input Frequency	60 Hz		

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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

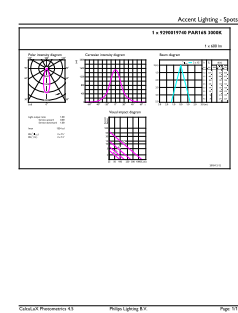


Product	D	C
8PAR16/LED/830/F25/DIM/G/120V 6/3FB	51 mm	55 mm

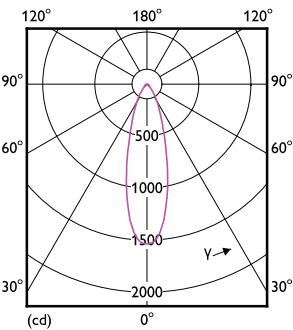
Photometric data



Spectral Power Distribution Colour - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB



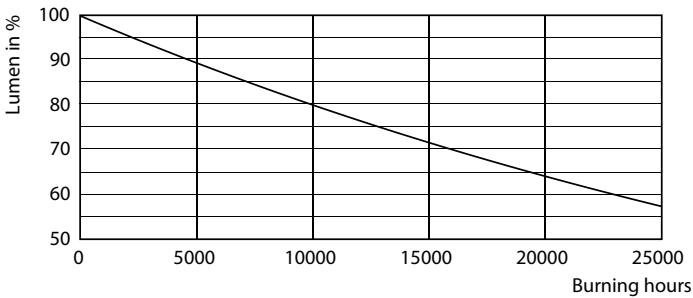
Accent Lighting Spots - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB



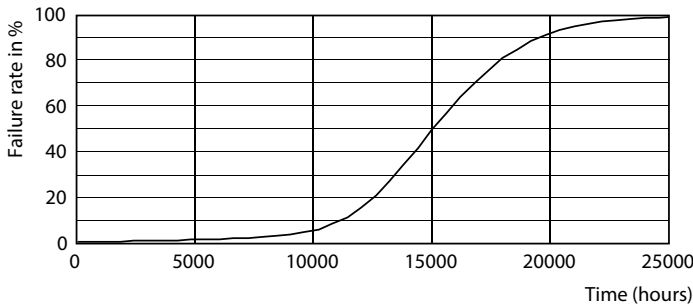
Light Distribution Diagram - 8PAR16/LED/830/F25/DIM/G/120V 6/3FB

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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

