



# **LED PAR20**

# 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB

Philips is driving the switch to energy-efficient solutions. Upgrade your track and accent lights with our small diameter reflectors for instant energy savings and unbeatable quality. Available in both Glass and Plastic casings, Philips LED Par20s are the ideal replacement for halogen.

#### **Product data**

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	640 lm
Luminous Intensity (Nom)	2,650 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8.5 W

Lamp Current (Nom)	86 mA	
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.8	
Voltage (Nom)	120 V	
Temperature		
T-Case Maximum (Nom)	86 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	PAR20 [PAR 2.5 inch/63mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB	
Full product name	8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB	

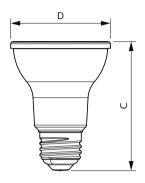
Datasheet, 2023, November 12 data subject to change

# **LED PAR20**

Order code	929001922004
Material Nr. (12NC)	929001922004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677535285

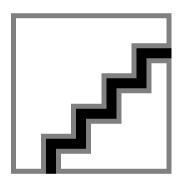
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677535280

### Dimensional drawing

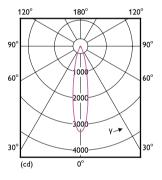


Product	D	С
8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB	64 mm	83.5 mm

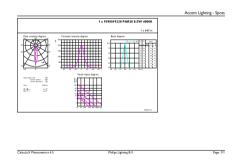
#### Photometric data



Spectral Power Distribution Colour - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB



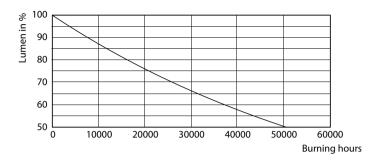
## Light Distribution Diagram - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB

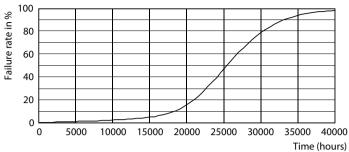


Accent Lighting Spots - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB

### **LED PAR20**

#### Lifetime





Lumen Maintenance Diagram - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB

Life Expectancy Diagram - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB



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