



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) | 187 °F |

| 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 |

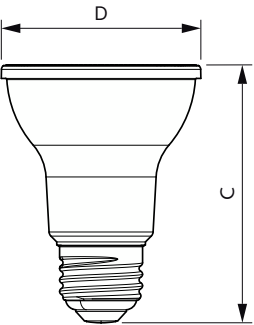
| Product Data | |
|--------------------|--|
| Order product name | 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB |
| Full product name | 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB |

LED PAR20

| | |
|-------------------------------|--------------|
| Order code | 535286 |
| Material Nr. (12NC) | 929001922004 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677535285 |

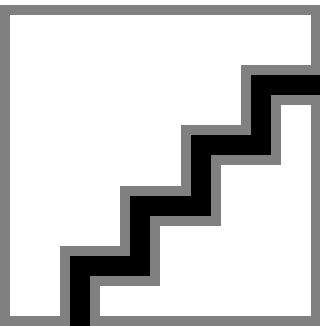
| | |
|---------------------------------|----------------|
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677535280 |

Dimensional drawing

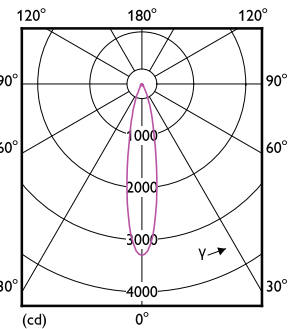


| Product | D | C |
|--|-------------|-------------|
| 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB | 2-9/16 inch | 3-5/16 inch |

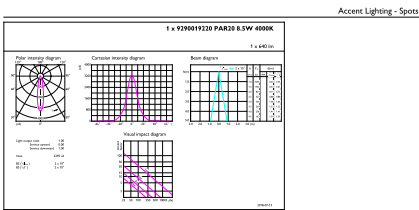
Photometric data



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



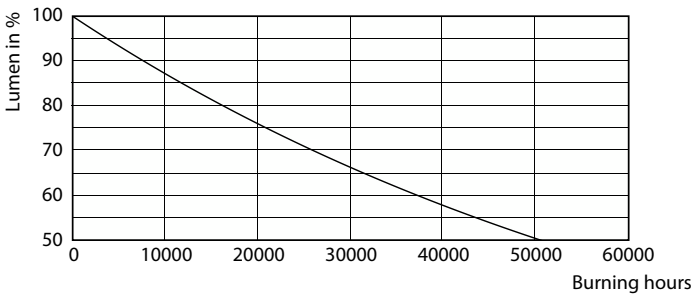
Light Distribution Diagram - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB



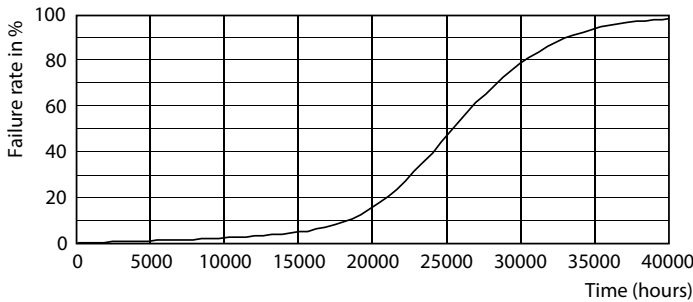
Accent Lighting Spots - 8.5PAR20/PER/940/F25/DIM/EC/120V 6/1FB

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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

