# **PHILIPS** Lighting



# LED R20

# 5R20/PER/940/P/E26/DIM 6/1FB T20

Philips R20 LED lamps are the smart alternative to standard incandescent. The traditonal lamp design can provide excellent dimming performance with spectular energy savings. They provide the beautiful light and dependable performance you expect from LED at an economical 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	940 [CCT of 4000K]	
Beam Angle (Nom)	110 degree(s)	
Luminous Flux	450 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	90.00 lm/W	
Color Consistency	<4	
Color rendering index (CRI)	90	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	60 Hz	
Input Frequency	60 Hz	

5 W

65 mA

Wattage Equivalent	45 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	R20
Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	Energy Star
Product Data	
Order product name	5R20/PER/940/P/E26/DIM 6/1FB T20

**Power Consumption** 

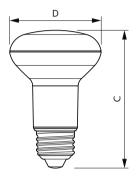
Lamp Current (Nom)

# LED R20

Full product name	5R20/PER/940/P/E26/DIM 6/1FB T20	
Order code	929002035404	
Material Nr. (12NC)	929002035404	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677547417	

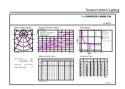
6	Numerator - Packs per outer box
50046677547412	EAN/UPC - Case
50046677547412	EAN/UPC - Case

### Dimensional drawing



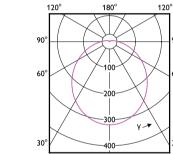
Product	D	с
5R20/PER/940/P/E26/DIM 6/1FB T20	64 mm	100 mm

#### Photometric data



Police Lidence I

Polaria a



(cd/1000lm) 0°

Light Distribution Diagram - 5R20/PER/940/P/E26/DIM 6/1FB T20

90°

60°

30°

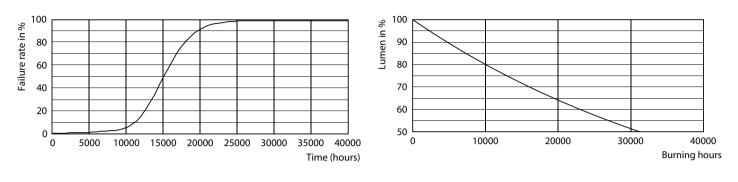
General uniform lighting - 5R20/PER/940/P/E26/DIM 6/1FB T20

<sup>1 100</sup> 80 40 20 0 200 300 400 500 600 700 800  $\lambda[nm]$ 

Spectral Power Distribution Colour - 5R20/PER/940/P/E26/DIM 6/1FB T20

## **LED R20**

#### Lifetime



Life Expectancy Diagram - 5R20/PER/940/P/E26/DIM 6/1FB T20

Lumen Maintenance Diagram - 5R20/PER/940/P/E26/DIM 6/1FB T20



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