



LED R20

5R20/PER/950/P/E26/DIM 6/1FB T20

Philips R20 LED lamps are the smart alternative to standard incandescent. The traditional 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	
Rated Lifetime (Hours)	15,000 hour(s)	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	950 [CCT of 5000K]	
Beam Angle (Nom)	110 degree(s)	
Luminous Flux	450 lm	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 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	
Power Consumption	5 W	

Lamp Current (Nom)	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)	158 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	R20
UL Wet/ damp/ dry location	Damp location
Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	Energy Star
EyeComfort	Yes

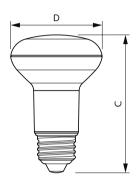
Datasheet, 2023, November 10 data subject to change

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T20 compliant	Yes	
Application Conditions		
can it be used in closed luminaires	Yes	
Product Data		
Order product name	5R20/PER/950/P/E26/DIM 6/1FB T20	
Full product name	5R20/PER/950/P/E26/DIM 6/1FB T20	

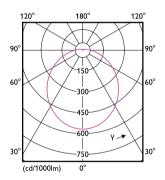
Order code	548123
Material Nr. (12NC)	929002204063
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677548124
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677548129

Dimensional drawing

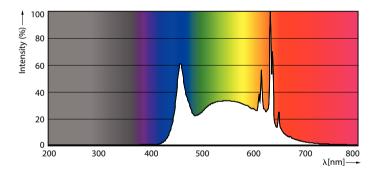


Product	D	С
5R20/PER/950/P/E26/DIM 6/1FB T20	2-9/16 inch	3-15/16 inch

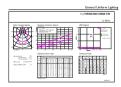
Photometric data



Light Distribution Diagram - 5R20/PER/950/P/E26/DIM 6/1FB T20



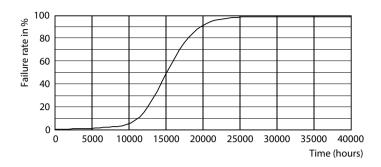
Spectral Power Distribution Colour - 5R20/PER/950/P/E26/DIM 6/1FB T20

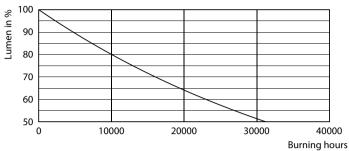


General uniform lighting - 5R20/PER/950/P/E26/DIM 6/1FB T20

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Lifetime





Life Expectancy Diagram - 5R20/PER/950/P/E26/DIM 6/1FB T20

Lumen Maintenance Diagram - 5R20/PER/950/P/E26/DIM 6/1FB T20



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