



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 spectacular 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

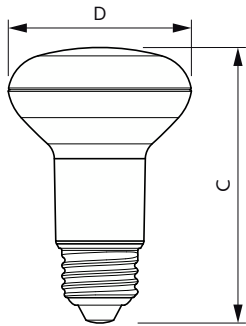
Lamp Current (Nom)	65 mA
Wattage Equivalent	45 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	R20
UL Wet/ damp/ dry location	Damp location
Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	Energy Star
EyeComfort	Yes

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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

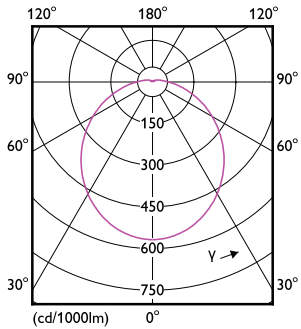
Order code	929002204063
Material Nr. (12NC)	929002204063
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677548124
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677548129

Dimensional drawing

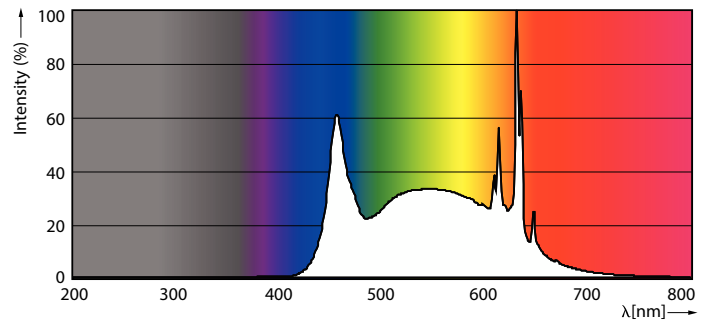


Product	D	C
5R20/PER/950/P/E26/DIM 6/1FB T20	64 mm	100 mm

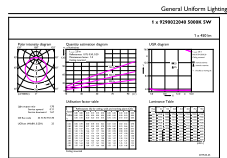
Photometric data



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

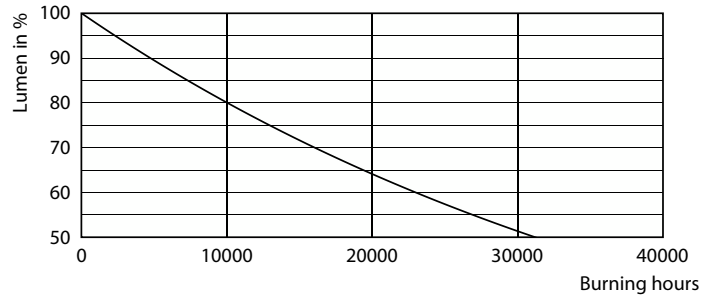


General Uniform Lighting - 5R20/PER/950/P/E26/DIM 6/1FB T20

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

