



Attractive, dimmable, and affordable LED R20 lamp solution

LED R20

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.

Benefits

- Long life -- lowers maintenance costs by reducing re-lamp frequency
- Excellent color consistency with available high 90+ color rendering (CRI)
- Certain offerings feature a warm glow effect that provides an incandescent-like glow, while maintaining CRI throughout dimming range

Features

- Available smooth dimming options
- Traditional look and feel of size, shape, and material
- Up to 25,000-hour rated average life
- Instant on
- ENERGY STAR certified options

Application

- Hotels/Motels
- Restaurants
- Offices

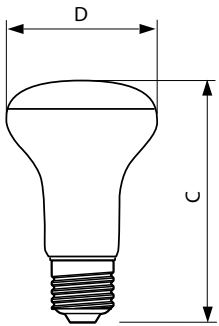
LED R20

Versions



E26 R20 Frosted

Dimensional drawing



Product	D	C
5R20/PER/927-22/P/E26/WG 6/1FB T20	64 mm	100 mm
6R20/LED/827-22/DIM 120V	65 mm	101 mm

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Frequency	60 Hz
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s

General Information

Cap-Base	E26
Switching Cycle	50000X

Light Technical

Correlated Color Temperature (Nom)	2200-2700 K
Llmf At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux (Nom)	450 lm
Luminous Flux (Rated) (Nom)	450 lm

Mechanical and Housing

Bulb Finish	Frosted
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001155704	6R20/LED/827-22/DIM 120V	6 kWh
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	-

Operating and Electrical

LED R20

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001155704	6R20/LED/827-22/DIM 120V	-	6 W
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	45 W	5 W

General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001155704	6R20/LED/827-22/DIM 120V	25000 h	25000 h
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	15000 h	15000 h

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Color Rendering Index (Nom)
929001155704	6R20/LED/827-22/DIM 120V	-	822-827	80
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	90 °	922-927	90

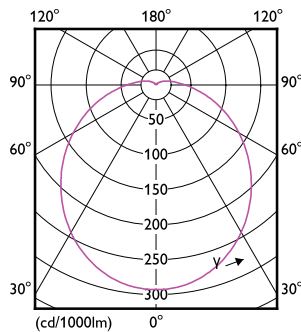
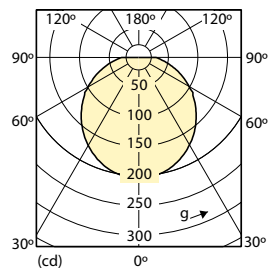
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001155704	6R20/LED/827-22/DIM 120V	R-20 (R20)

Order Code	Full Product Name	Bulb Shape
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	R20

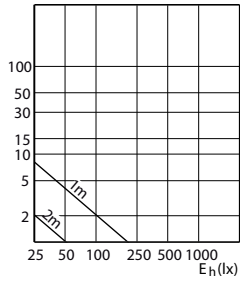
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001155704	6R20/LED/827-22/DIM 120V	76 °C
929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	75 °C



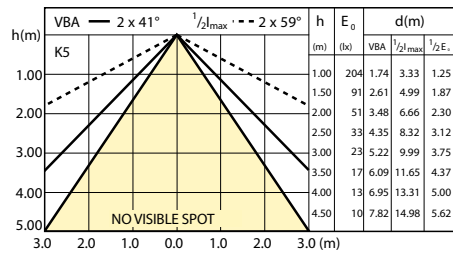
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Accent Diagrams



LEDbulb, Basic R20 2700K DIM

Beam Diagrams



LEDbulb, R20 2700K DIM

