



LED G25

5G25/PER/UD50/E26/FR/G/D 4/2PFT20

Philips G25 LED Lamps offer energy saving ambience with an elegant effect. Their unique design provides light in all directions, giving lighting designers a long life alternative to standard incandescent sources.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Rated Lifetime (Hours)	15,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	950 [CCT of 5000K]
Color Code	950 [CCT of 5000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	500 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	60 Hz
Input Frequency	60 Hz
Power Consumption	5 W

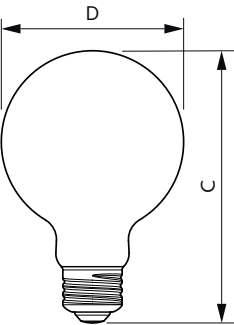
Lamp Current (Nom)	55 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.4 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
Ambient temperature range	-4 °F to 104 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	G25
UL Wet/ damp/ dry location	Wet location
Approval and Application	
Energy Certifications	Energy Star
EyeComfort	Yes
T20 compliant	Yes

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Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	5G25/PER/UD50/E26/FR/G/D 4/2PFT20
Full product name	5G25/PER/UD50/E26/FR/G/D 4/2PFT20
Order code	575217

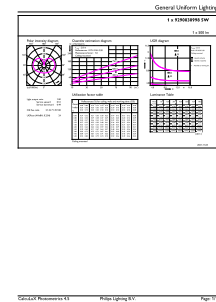
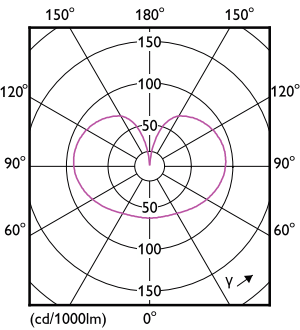
Material Nr. (12NC)	929003099803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677575212
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677575217

Dimensional drawing



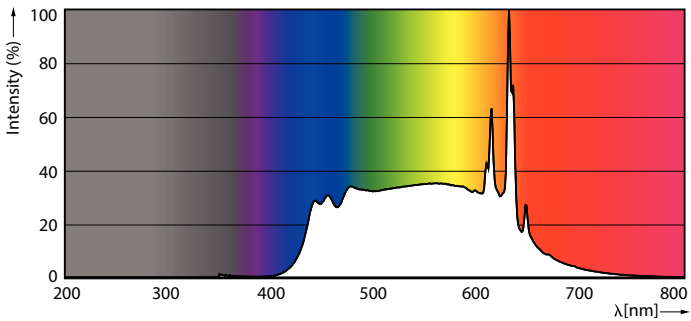
Product	D	C
5G25/PER/UD50/E26/FR/G/D 4/2PFT20	3-3/16 inch	4-11/16 inch

Photometric data



Light Distribution Diagram - 5G25/PER/UD50/E26/FR/G/D 4/2PFT20

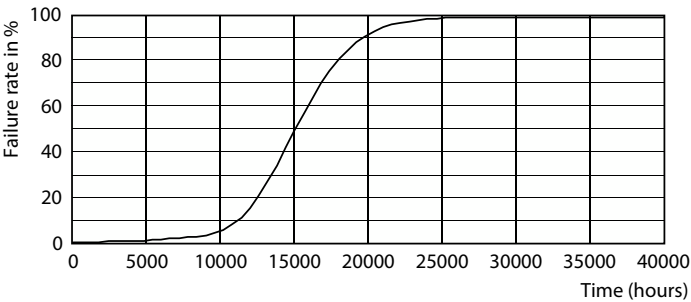
General uniform lighting - 5G25/PER/UD50/E26/FR/G/D 4/2PFT20



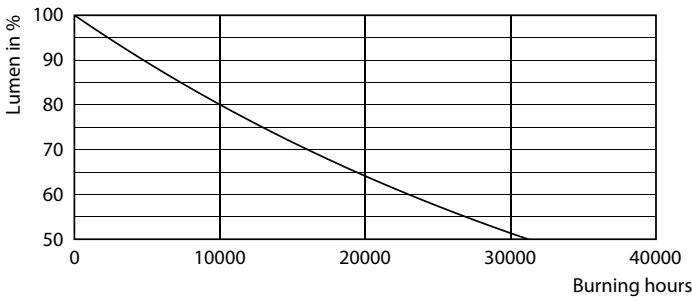
Spectral Power Distribution Colour - 5G25/PER/UD50/E26/FR/G/D 4/2PFT20

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Lifetime



Life Expectancy Diagram - 5G25/PER/UD50/E26/FR/G/D 4/2PFT20



Lumen Maintenance Diagram - 5G25/PER/UD50/E26/FR/G/D 4/2PFT20

