



Essential LED bulbs

ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

Essential LEDbulbs are compatible with existing fixtures with a E27 holder and are designed for retrofit replacement of incandescent, halogen and energy saving bulbs. They deliver huge energy savings and minimize initial investment

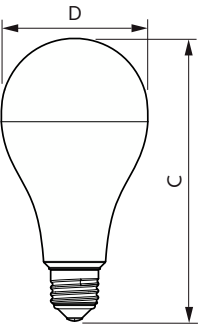
Product data

General Information		Starting Time (Nom)		0.5 s
Cap-Base	E27 [E27]	Warm-up time to 60% light		0.5 s
Nominal lifetime	10,000 hour(s)	Power Factor (Fraction)		0.5
Switching Cycle	50,000	Voltage (Nom)		220-240 V
Lighting Technology	LED	Temperature		
EU RoHS compliant	Yes	T-Case Maximum (Nom)		90 °C
Light Technical		Controls and Dimming		
Color Code	865 [CCT of 6500K]	Dimmable		No
Beam Angle (Nom)	150 degree(s)	Mechanical and Housing		
Luminous Flux	2,300 lm	Bulb Shape		A80 [A 80mm]
Color Designation	Cool Daylight	Approval and Application		
Correlated Color Temperature (Nom)	6500 K	Energy Consumption kWh/1000 h		19 kWh
Luminous Efficacy (rated) (Nom)	121.00 lm/W	Product Data		
Color Consistency	<6	Order product name		ESS LEDBulb 19W E27 6500K HV 1PF/20 AR
Color rendering index (CRI)	80	Full product name		ESS LEDBulb 19W E27 6500K HV 1PF/20 AR
LLMF At End Of Nominal Lifetime (Nom)	70 %	Full product code		871869966257800
Operating and Electrical		Order code		929002004171
Line Frequency	50 to 60 Hz	Material Nr. (12NC)		929002004171
Input Frequency	50 to 60 Hz	Numerator - Quantity Per Pack		1
Power Consumption	19 W			
Lamp Current (Nom)	170 mA			
Wattage Equivalent	160 W			

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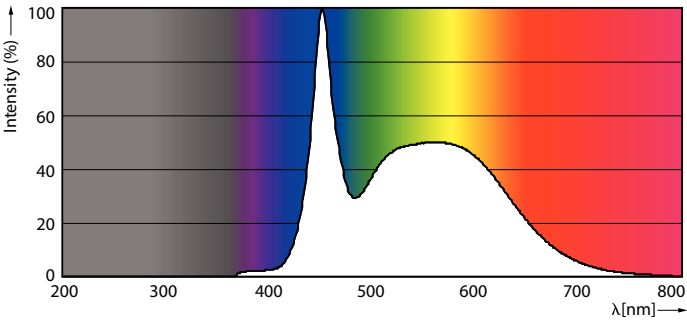
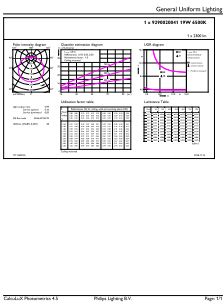
EAN/UPC - Product/Case	8718699662578
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699662585

Dimensional drawing



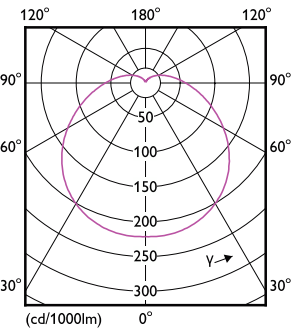
Product	D	C
ESS LEDBulb 19W E27 6500K HV 1PF/20 AR	80 mm	155 mm

Photometric data



General uniform lighting - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

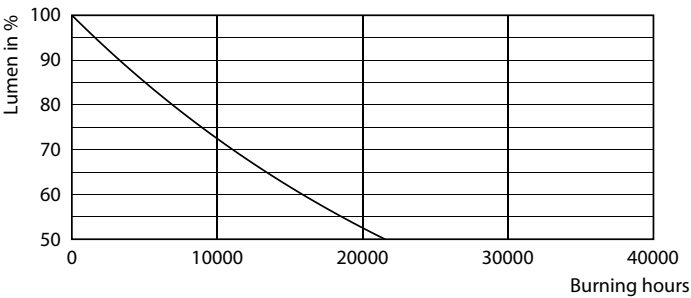
Spectral Power Distribution Colour - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR



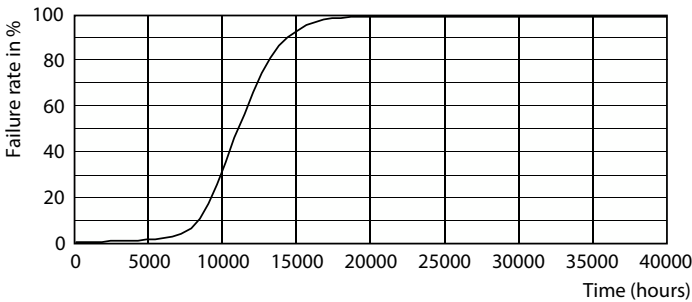
Light Distribution Diagram - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

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Lifetime



Lumen Maintenance Diagram - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR



Life Expectancy Diagram - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

