



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	
Cap-Base	E27 [E27]
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	2,300 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	121.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	19 W
Lamp Current (Nom)	170 mA
Wattage Equivalent	160 W

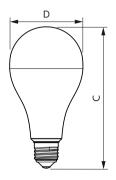
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	A80 [A 80mm]
Approval and Application	
Energy Consumption kWh/1000 h	19 kWh
Product Data	
Order product name	ESS LEDBulb 19W E27 6500K HV 1PF/20 AR
Full product name	ESS LEDBulb 19W E27 6500K HV 1PF/20 AR
Full product code	871869966257800
Order code	929002004171
Material Nr. (12NC)	929002004171
Numerator - Quantity Per Pack	1
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Datasheet, 2023, November 12 data subject to change

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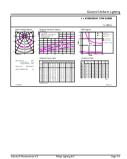
EAN/UPC - Product/Case	8718699662578
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699662585

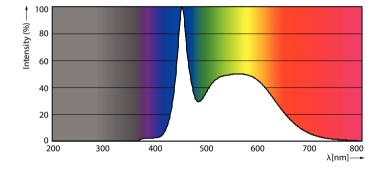
Dimensional drawing



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

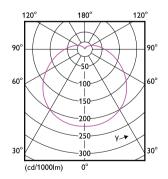
Photometric data





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

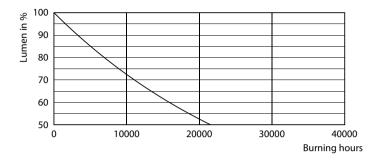
Spectral Power Distribution Colour - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

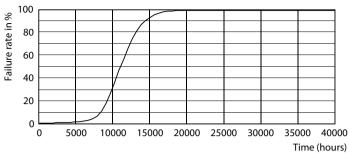


Light Distribution Diagram - ESS LEDBulb 19W E27 6500K HV 1PF/20 AR

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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



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