



Essential LED bulbs

Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO

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)	130 degree(s)
Luminous Flux	450 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<7
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	4.5 W
Lamp Current (Nom)	72 mA
Wattage Equivalent	40 W

Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	110-130 V
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A19 [A 19mm]
Product Data	
Order product name	Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO
Full product name	Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO
Full product code	871869676001701
Order code	929001806851
Material Nr. (12NC)	929001806851
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696760017
Numerator - Packs per outer box	6

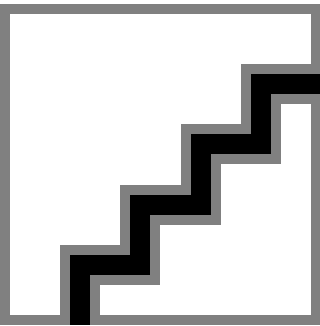
Essential LED bulbs

EAN/UPC - Case	8718696780008
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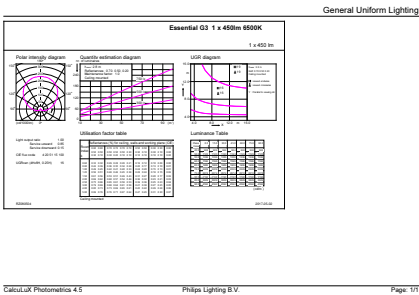
Dimensional drawing

Product	D	C
Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO	58 mm	104 mm

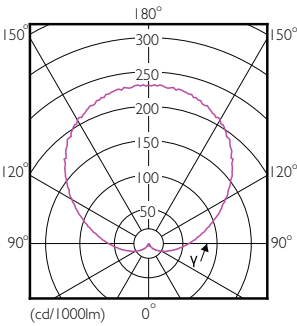
Photometric data



Spectral Power Distribution Colour - Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO



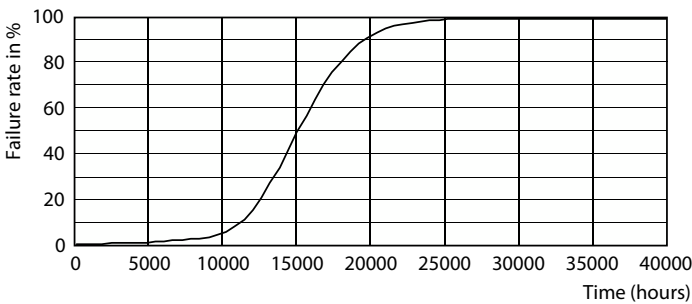
General uniform lighting - Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO



Light Distribution Diagram - Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO

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Lifetime



Lumen Maintenance Diagram - Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO

Life Expectancy Diagram - Ess LEDBulb 4.5W E27 6500K A19 1PF/2 CO

