



Essential LED bulbs

ESS LEDBulb 12W E27 3000K 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	730 [CCT of 3000K]
Beam Angle (Nom)	130 degree(s)
Luminous Flux	1,150 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	95.00 lm/W
Color Consistency	<7
Color rendering index (CRI)	70
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	12 W
Lamp Current (Nom)	107 mA
Wattage Equivalent	95 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)	85 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A60 [A 60mm]

Approval and Application	
Energy Consumption kWh/1000 h	- kWh

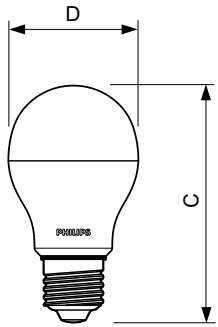
Product Data	
Order product name	ESS LEDBulb 12W E27 3000K HV 1PF/20 AR
Full product name	ESS LEDBulb 12W E27 3000K HV 1PF/20 AR
Full product code	871869676039001
Order code	929001900271
Material Nr. (12NC)	929001900271

Essential LED bulbs

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696760390
Numerator - Packs per outer box	20

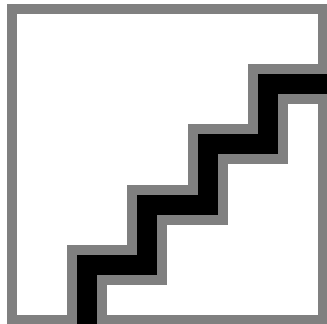
EAN/UPC - Case	8718699604127
----------------	---------------

Dimensional drawing

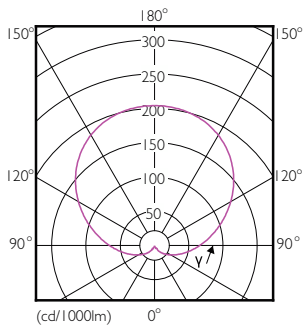


Product	D	C
ESS LEDBulb 12W E27 3000K HV 1PF/20 AR	58 mm	104 mm

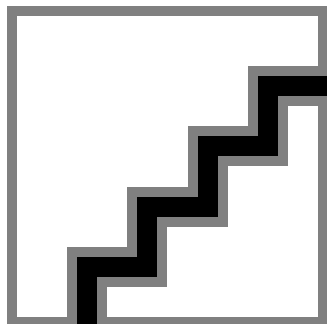
Photometric data



General uniform lighting - ESS LEDBulb 12W E27 3000K HV 1PF/20 AR



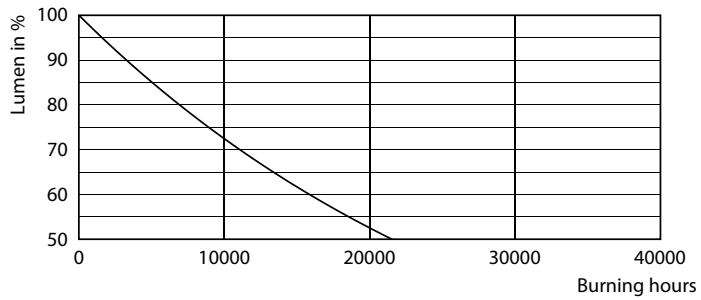
Light Distribution Diagram - ESS LEDBulb 12W E27 3000K HV 1PF/20 AR



Spectral Power Distribution Colour - ESS LEDBulb 12W E27 3000K HV 1PF/20 AR

Essential LED bulbs

Lifetime



Lumen Maintenance Diagram - ESS LEDBulb 12W E27 3000K HV 1PF/20 AR

Life Expectancy Diagram - ESS LEDBulb 12W E27 3000K HV 1PF/20 AR

