



Essential LED bulbs

ESS LEDBulb 12W E27 3000K HV 3PF/6 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
Nominal lifetime	12,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	1,110 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	92.00 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	12 W
Lamp Current (Nom)	95 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)	95 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	A60	
Approval and Application		
Energy Consumption kWh/1000 h	12 kWh	
Product Data		
Order product name	ESS LEDBulb 12W E27 3000K HV 3PF/6 AR	
Full product name	ESS LEDBulb 12W E27 3000K HV 3PF/6 AR	
Full product code	871869974726800	
Order code	929002324096	
Material Nr. (12NC)	929002324096	

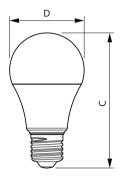
Datasheet, 2024, February 2 data subject to change

Essential LED bulbs

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699747268
Numerator - Packs per outer box	6

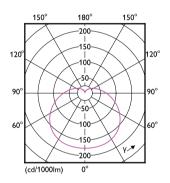
EAN/UPC - Case	8718699747275
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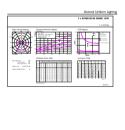
Dimensional drawing



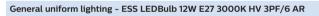
Product	D	С
ESS LEDBulb 12W E27 3000K HV 3PF/6 AR	60 mm	108 mm

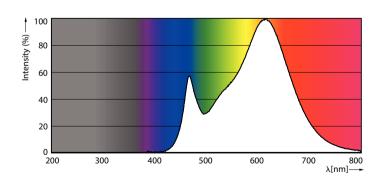
Photometric data





Light Distribution Diagram - ESS LEDBulb 12W E27 3000K HV 3PF/6 AR

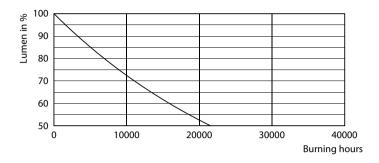


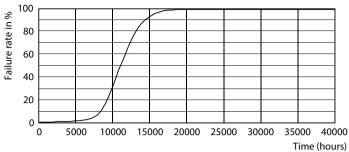


Spectral Power Distribution Colour - ESS LEDBulb 12W E27 3000K HV 3PF/6 AR

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Lifetime





Lumen Maintenance Diagram - ESS LEDBulb 12W E27 3000K HV 3PF/6 AR

Life Expectancy Diagram - ESS LEDBulb 12W E27 3000K HV 3PF/6 AR



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