



Essential LED bulbs

ESS LEDBulb 8-60W E27 2700K 1PF/12 TR

LEDbulb, A60, 60 W, E27, 2700 K, 806 lm, 15000 hour(s), Plastic

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	15,000 hour(s)
Switching Cycle	30,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	806 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Input Frequency	50 to 60 Hz

Power Consumption	8 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.4 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.54
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Overall length	108 mm
Overall width	60 mm
Overall height	108 mm
Dimensions (Height x Width x Depth)	108 x 60 x 108 mm

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Bulb Shape	A60
Net Weight (Piece)	0.028 kg

Approval and Application

Energy Consumption kWh/1000 h	8 kWh
EU RoHS compliant	Yes
EyeComfort	No
Ambient temperature range	-20 to +45 °C

Application Conditions

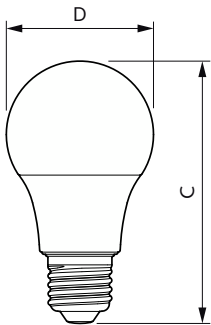
Wireless Technology	Not applicable
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Product Data

Order product name	ESS LEDBulb 8-60W E27 2700K 1PF/12 TR
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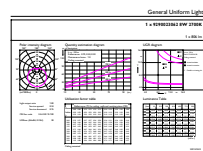
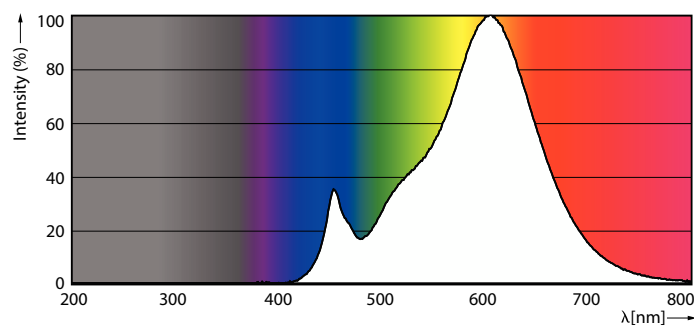
Full product name	ESS LEDBulb 8-60W E27 2700K 1PF/12 TR
Full product code	872110312779200
Order code	929003774055
Material Nr. (12NC)	929003774055
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103127792
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103127808

Dimensional drawing



Product	D	C
ESS LEDBulb 8-60W E27 2700K 1PF/12 TR	60 mm	108 mm

Photometric data

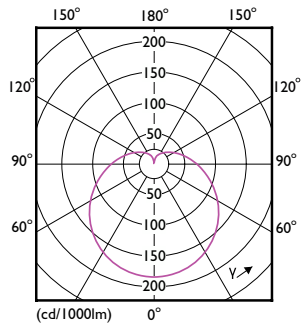


Spectral Power Distribution Colour - ESS LEDBulb 8-60W E27 2700K 1PF/12 TR

General uniform lighting - ESS LEDBulb 8-60W E27 2700K 1PF/12 TR

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Photometric data



Light Distribution Diagram - ESS LEDBulb 8-60W E27 2700K 1PF/12 TR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - ESS LEDBulb 8-60W E27 2700K 1PF/12 TR

