



# Essential LED



## ESS LEDBulb 8-60W E27 6500K 1CT/12 TR

Essential LED is an affordable LED spot lamp that is suitable for replacing halogen spot lamps. It provides a natural lighting effect as well as instant energy savings – an environmentally friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality, retail and home segments.

### Product data

General information	
Cap-Base	E27 [ E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Flux measurement reference	Sphere
Light technical	
Color Code	865 [ CCT of 6500K]
Beam Angle (Nom)	150 °
Luminous Flux (Nom)	806 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	8 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	60 W

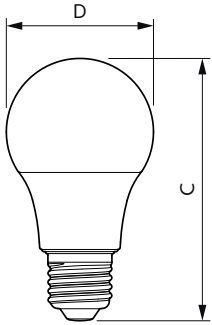
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.51
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Shape	A60 [ A 60mm]
Approval and application	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	696290
Product data	
Full product code	871869677010800
Order product name	ESS LEDBulb 8-60W E27 6500K 1CT/12 TR

# Essential LED

EAN/UPC - Product	8718696770108
Order code	929002306468
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12

Material Nr. (12NC)	929002306468
Net Weight (Piece)	0.060 kg

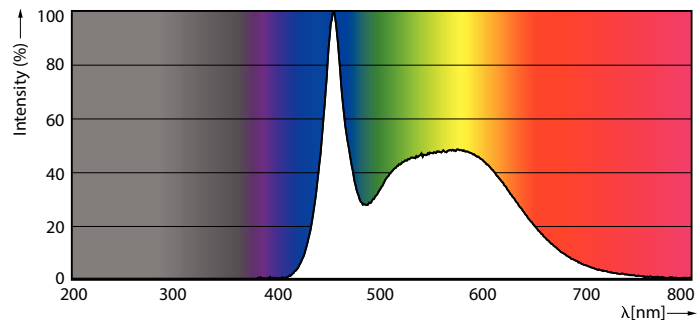
## Dimensional drawing



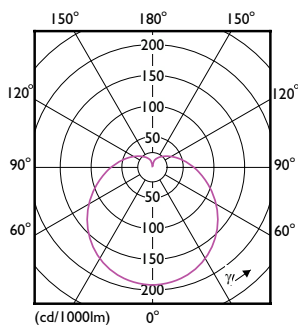
ESS LEDBulb 8-60W E27 6500K 1CT/12 TR

Product	D	C
ESS LEDBulb 8-60W E27 6500K 1CT/12 TR	60 mm	108 mm

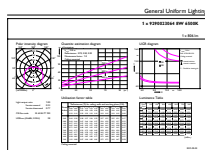
## Photometric data



LEDbulb GM 1 8W A60 E27 865 FR-POC



LEDbulb GM 1 A60 8W E27 865 FR-LDD



General Uniform Lighting

LEDbulb GM 1 8W A60 E27 865 FR-GUL

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## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

