



Essential LED bulbs

ESS LEDBulb 13-100W E27 6500K 1PF/12 TR

LEDbulb, A60, 100 W, E27, 6500 K, 1521 lm, 15000 hour(s), Plastic

LEDbulb, A60, 100 W, E27, 6500 K, 1521 lm, 15000 hour(s), Plastic, 117 lm/W, EEL E, RG1

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	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	117 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	13 W
Lamp Current (Nom)	105 mA
Wattage Equivalent	100 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)	95 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Overall length	120 mm
Overall width	60 mm
Overall height	120 mm
Dimensions (Height x Width x Depth)	120 x 60 x 120 mm

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Bulb Shape	A60
Net Weight (Piece)	0.045 kg

Approval and Application

Energy Consumption kWh/1000 h	13 kWh
EU RoHS compliant	Yes
EyeComfort	No
Ambient temperature range	-20 to +45 °C

Application Conditions

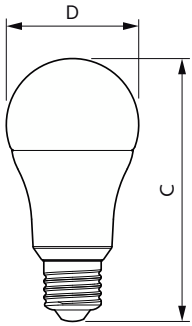
Wireless Technology	Not applicable
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Product Data

Order product name	ESS LEDBulb 13-100W E27 6500K 1PF/12 TR
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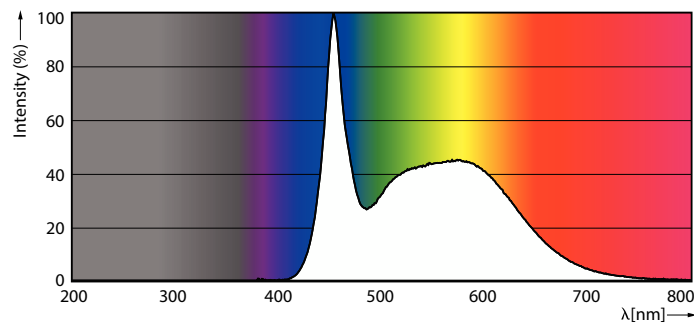
Full product name	ESS LEDBulb 13-100W E27 6500K 1PF/12 TR
Full product code	872110312785300
Order code	929002307055
Material Nr. (12NC)	929002307055
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103127853
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103127860

Dimensional drawing

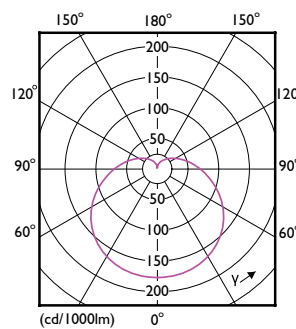


Product	D	C
ESS LEDBulb 13-100W E27 6500K 1PF/12 TR	60 mm	120 mm

Photometric data



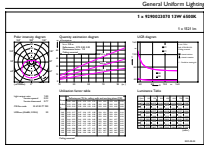
Spectral Power Distribution Colour - ESS LEDBulb 13-100W E27 6500K 1PF/12 TR



Light Distribution Diagram - ESS LEDBulb 13-100W E27 6500K 1PF/12 TR

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Photometric data



General Parameters 41 Philips Lighting B.V. Page 117

General uniform lighting - ESS LEDBulb 13-100W E27 6500K 1PF/12 TR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - ESS LEDBulb 13-100W E27 6500K 1PF/12 TR

