



Essential LED candles & lusters

ESS LEDcandle 40W P45 E14 WW FR ND TRK

Essential LED candles are compatible with existing fixtures with a E27 or a E14 holder and are designed for retrofit replacement of incandescent, halogen and energy saving lamps They deliver huge energy savings and minimize initial investment.

Product data

General Information	
Cap-Base	E14 [E14]
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	1,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	85.45 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	5.5 W
Lamp Current (Nom)	50 mA
Wattage Equivalent	40 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	P45 [P 45mm]

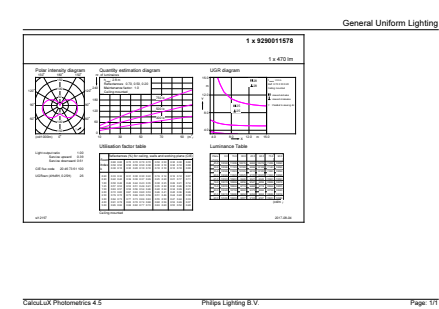
Essential LED candles & lusters

Approval and Application	
Energy Consumption kWh/1000 h	6 kWh
EyeComfort	Yes
Product Data	
Order product name	ESS LEDcandle 40W P45 E14 WW FR ND TRK
Full product name	ESS LEDcandle 40W P45 E14 WW FR ND TRK
Full product code	871869677018400

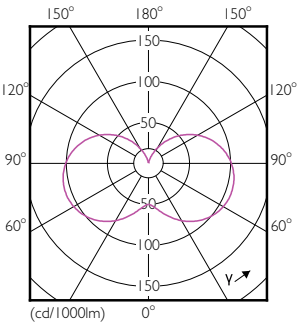
Dimensional drawing

Product	D	C
ESS LEDcandle 40W P45 E14 WW FR ND TRK	45 mm	88 mm

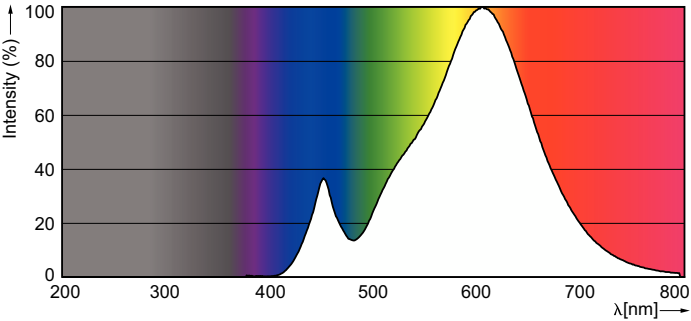
Photometric data



General uniform lighting - ESS LEDcandle 40W P45 E14 WW FR ND TRK



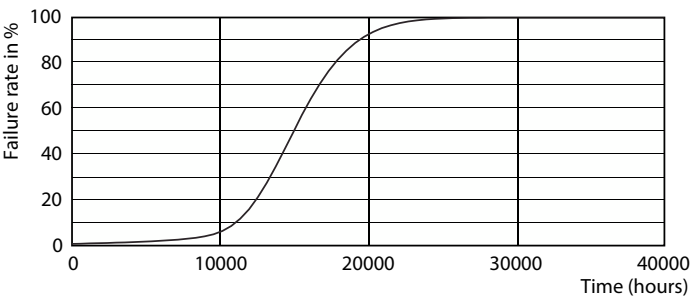
Light Distribution Diagram - ESS LEDcandle 40W P45 E14 WW FR ND TRK



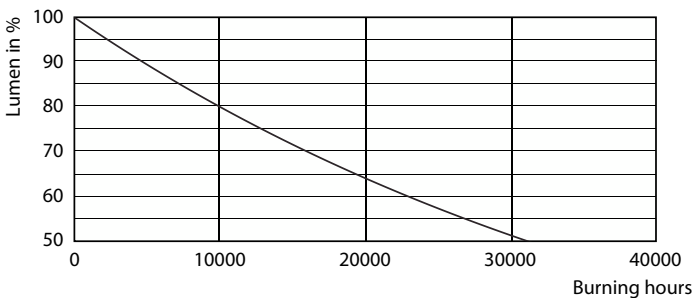
Spectral Power Distribution Colour - ESS LEDcandle 40W P45 E14 WW FR ND TRK

Essential LED candles & lusters

Lifetime



Life Expectancy Diagram - ESS LEDcandle 40W P45 E14 WW FR ND TRK



Lumen Maintenance Diagram - ESS LEDcandle 40W P45 E14 WW FR ND TRK

