

# Dimmable Thermal Plastic LED Candle E

## 4.2W

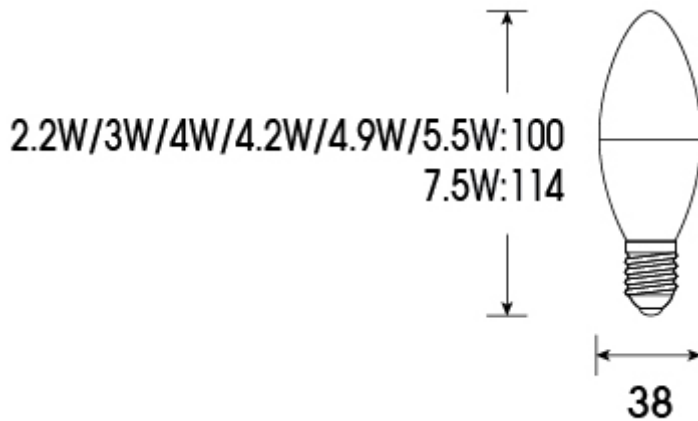
### Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Excellent thermal conductivity
- Good color rendition, Ra ≥80



### Diagrams

Dimensions:



### Standards



Prosperity Lamps & Components Ltd.

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**Applications**



Home



Shopping mall



Hotel



Supermarket



Restaurant

Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
Mains or Non-mains [MLS/NMLS]	MLS
Connected Light Source	No
Color tunable light source	No
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	
Rated Wattage [W]	4.2W
On-mode Power [W]	4.2W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.4
Input Current [mA] @230V	46
Model	
LED TP C35 4.2W DIM	4.2W
Luminous Flux (Useful Luminous Flux) [lm]	
4.2W	470lm @3000K
	475lm @4000K
	480lm @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	112-114
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	180
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.96
Number of Switching Cycles Before Failure	>15,000

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Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.5
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
<b>Mechanical</b>	
Diameter D [mm]	Ø38
Height H [mm]	100
Base	E14 / B15d / E27 / B22d
Material	Aluminium + PC
<b>Standard Compliance</b>	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	E
<b>Other</b>	
Dimmable [Yes/Only with specific dimmers/No]	Yes
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 4.2W [W]	40W
Energy Consumption in on-mode [kWh/1000h]	5kWh