

# KTC LED.Home 5.5W Dimmable Candle

## 5.5W B22/B15/E14/E27 Candle Lamp



### Product Overview

Kosnic's Home range of LED products brings the energy saving capabilities of LED technology to the home. The KTC Candle range is both beautiful and functional giving a quality of light that creates inviting living spaces while offering lamps that deliver huge energy savings over filament lamps without compromising on brightness. The lamps can quickly replace filament products in domestic and hospitality lighting applications, and once in place rapid payback is achieved.

### Features

- Metallic finishing to compliment chandeliers and decorative schemes.
- Popular B22, B15, E14 and E27 caps.
- B22 and E27 available in silver finish. B15 and E14 available in brass, bronze and silver finish.
- Save energy up to 85% compared with a filament lamp.
- Dimmable
- High lumen output.
- Long life of 30,000h.
- Instant start.
- Negligible UV output.
- Mercury free.

### Safety and Maintenance

- Switch off supply before installing or removing lamp. Allow to cool before handling.
- Do not use in totally enclosed fittings as this will reduce lamp life.
- Do not dispose of in household waste.
- Dispose of in appropriate section of local civic amenity site or recycling centre.

Specifications

Product Code	KDIM5.5CND/B22-SLV-N30 (Silver)	KDIM5.5CND/B15-BAS-N30 (Brass) KDIM5.5CND/B15-BOZ-N30 (Bronze) KDIM5.5CND/B15-SLV-N30 (Silver)	KDIM5.5CND/E14-BAS-N30 (Brass) KDIM5.5CND/E14-BOZ-N30 (Bronze) KDIM5.5CND/E14-SLV-N30 (Silver)	KDIM5.5CND/E27-SLV-N30 (Silver)
Lamp Cap	B22	B15	E14	E27
Lamp Shape	Candle	Candle	Candle	Candle
Nominal Power (W)	5.5	5.5	5.5	5.5
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	40	40	40	40
Nominal Luminous Flux (lm)	360	360	360	360
CCT (K)	3000K Warm White	3000K Warm White	3000K Warm White	3000K Warm White
Nominal Lifetime (h)	30000	30000	30000	30000
Dimmable	Yes - See website datasheet	Yes - See website datasheet	Yes - See website datasheet	Yes - See website datasheet
Switching Cycles	50000	50000	50000	50000
Warm-up time to 60% (S)	Instant full light	Instant full light	Instant full light	Instant full light
Length (mm)	115	117	117	115
Diameter (mm)	38	38	38	38
Mercury (mg)	0	0	0	0
Clean-up instructions	N/A	N/A	N/A	N/A
Retrofit	No	No	No	No
Equivalent Wattage (W)	33	33	33	33
Rated Power (W)	5.5	5.5	5.5	5.5
Rated Luminous Flux (lm)	360	360	360	360
Rated Lifetime (h)	30000	30000	30000	30000
Power Factor	0.60	0.60	0.60	0.60
Rated Peak Candelas (cd)	8	8	8	8
Lumen Maintenance Factor at Nominal Lifetime	0.75	0.75	0.75	0.75
SDCM of CCT	<6	<6	<6	<6
CRI	82	82	82	82
Start Time (s)	0.40	0.40	0.40	0.40
Ambient Temperature Range (°C)	-20 to 40	-20 to 40	-20 to 40	-20 to 40

Energy Label

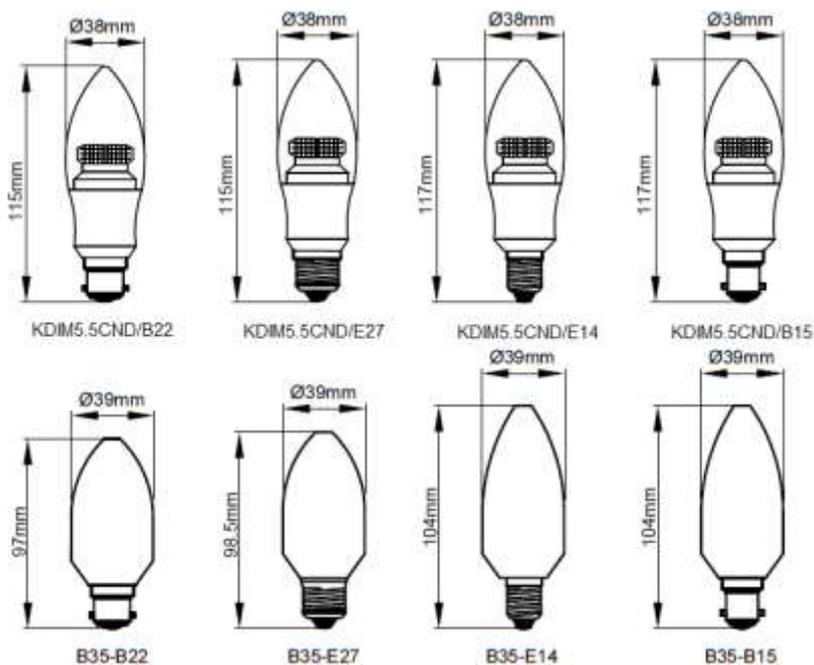
Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KDIM5.5CND/B22-SLV-N30	KDIM5.5CND/B15-BAS-N30 KDIM5.5CND/B15-BOZ-N30 KDIM5.5CND/B15-SLV-N30	KDIM5.5CND/E14-BAS-N30 KDIM5.5CND/E14-BOZ-N30 KDIM5.5CND/E14-SLV-N30	KDIM5.5CND/E27-SLV-N30
Energy Class	A+	A+	A+	A+
Energy Consumption (kWh/1000h)	5.50 (6)*	5.50 (6)*	5.50 (6)*	5.50 (6)*

Note: The kWh/1000h value published on the energy label is required to be rounded up to an integer according to the EU implementing directive on Energy Labelling. The value to 2 decimal places is given for reference.

### Product Markings

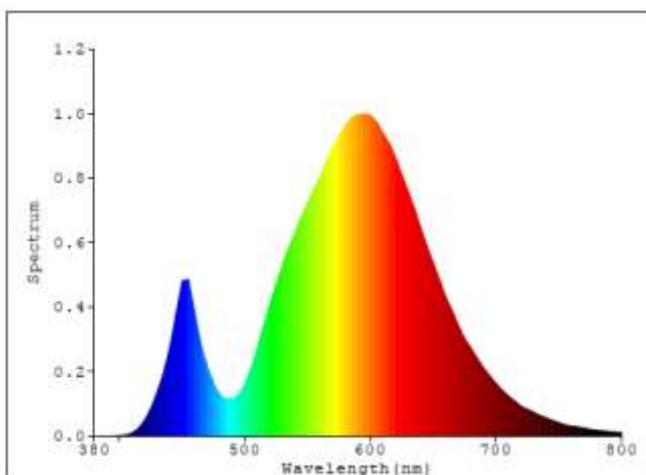
Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KDIM5.5CND/B22-SLV-N30	KDIM5.5CND/B15-BAS-N30 KDIM5.5CND/B15-BOZ-N30 KDIM5.5CND/B15-SLV-N30	KDIM5.5CND/E14-BAS-N30 KDIM5.5CND/E14-BOZ-N30 KDIM5.5CND/E14-SLV-N30	KDIM5.5CND/E27-SLV-N30
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	5.5	5.5	5.5	5.5
Current (mA)	40	40	40	40
CE Mark	Yes	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes	Yes

### Dimensions



### Photometric Information

3000K



## Compatibility

It is important to appreciate that not all dimmer switches will provide effective, smooth and flicker free dimming. The operation of common mains voltage AC dimmers appears similar but the electrical characteristics vary significantly. While this makes no difference to filament lamps, the effect on the electronics within the LED lamp can be dramatic and are often incompatible. Please note that all information in this guide is based on testing under laboratory conditions and should be used as guidance only. Because of the complicated application environment, the huge variation in dimmer construction from one model to another it is not possible to guarantee that a lamp will work with a particular dimmer and undesirable effects could be observed even with recommended dimmer switches. In extreme cases incompatible dimmer switches may damage the lamps. **Please ensure that the set-up is tested for performance before committing to a large project.**

### Recommended Dimmer Switches:

Manufacturer	Model	Rating	Notes
VARILIGHT	V.PRO (ADJUSTABLE)	250W/400W	1 to 20 lamps. Approx. 95% dimming.
VARILIGHT	V.PRO	250W/400W	1 to 20 lamps. Approx. 85% dimming.
VARILIGHT	ECLIQUE JDQI401S	400W	1 to 20 lamps. Approx. 85% dimming.
VARILIGHT	LEDLITE/LL1109 LOWLOAD	120W	1 to 20 lamps. Approx. 80% dimming.
HAMILTON	LEDstat	100W	1 to 20 lamps. Approx. 95% dimming.
HAMILTON	L400/2	400W	1 to 20 lamps. Approx. 75% dimming.
RICHMOND/ZANO	ZGRID500	400W	1 to 20 lamps. Approx. 75% dimming.
LUTRON	Please refer to Lutron Report Card		