KTC Dimmable LED Antique Filament Lamp

5W B22 and E27 LED GLS Lamp

Overview

The KTC Dimmable LED Antique Filament lamp has a special coating with a golden finish that shifts the light to a warmer colour temperature of 2200K giving an antique appearance and creating a warm and cosy living space. It is also highly functional and efficient, offering 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

- Dimmable
- Linear LED filament provides a traditional appearance
- Even light distribution
- Popular B22 and E27 caps
- Save energy up to 82% compared with an incandescent filament lamp
- 15,000h life
- Instant start
- Negligible UV output

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	KDFL05GLS/B22-GLD-N22	KDFL05GLS/E27-GLD-N22
Lamp Cap	B22	E27
Lamp Shape	GLS	GLS
Nominal Power (W)	5	5
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	24	24
Nominal Luminous Flux (lm)	300	300
CCT (K)	2200K Warm White	2200K Warm White
Flicker Percent	2% (Flicker Free)	2% (Flicker Free)
Nominal Lifetime (h)	15,000	15,000
Dimmable	Yes - See datasheet	Yes - See datasheet
Switching Cycles	8,000	8,000
Warm-up time to 60% (S)	Instant full light	Instant full light
Length (mm)	103	105
Diameter (mm)	60	60
Mercury (mg)	0	0
Clean-up instructions	N/A	N/A
Retrofit	Yes	Yes
Equivalent Wattage (W)	28	28
Rated Power (W)	5.0	5.0
Rated Luminous Flux (lm)	300	300
Rated Lifetime (h)	15,000	15,000
Power Factor	0.90	0.90
Inrush Current	1.2A at 9.2ns	1.2A at 9.2ns
LMF at Nominal Lifetime	0.75	0.75
SDCM of CCT	<6	<6
CRI	84	84
Start Time (s)	0.40	0.40
Ambient Temperature Range (°C)	-20 to 40	-20 to 40
Weight (g)	32	32

Energy

Manufacturer	Kosnic	Kosnic
Product Code	KDFL05GLS/B22-GLD-N22	KDFL05GLS/E27-GLD-N22
Energy Class	A+	A+
Energy Consumption (kWh/1000h)	5	5

Markings

Manufacturer	Kosnic	Kosnic
Product Code	KDFL05GLS/B22-GLD-N22	KDFL05GLS/E27-GLD-N22
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	5	5
Current (mA)	24	24
CE Mark	Yes	Yes
WEEE Mark	Yes	Yes
Batch Code	Yes	Yes

Dimensions

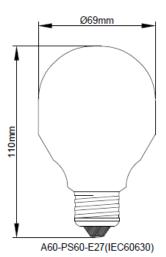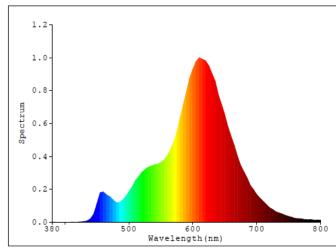KDFL05GLS/B22-GLD

A60-PS60-B22(IEC60630)

KDFL05GLS/E27-GLD

A60-PS60-E27(IEC60630)

Photometric Information

2200K

Dimming 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	Marked Rating	Notes
CYANIRIS	CYDIMRFT1 (Remote)	2 x 288W	1 to 20 lamps. Approximately 95% dimming.
Danlers	DQDGD MK	400W	1 to 20 lamps. Approximately 95% dimming.
Hamilton	H-GDM400W	400W	1 to 20 lamps. Approximately 90% dimming.
Hamilton	H-GDMTM250 (Touch)	250W	2 to 20 lamps. Approximately 95% dimming.
Hamilton	H-LEDStat	100w	1 to 20 lamps. Approximately 95% dimming.
Hamilton	L400/2 (or N4002)	400W	2 to 20 lamps. Approximately 90% dimming.
Robus	LOADPRO RLA200DT-01	133W	1 to 20 lamps. Approximately 95% dimming.
Varilight	Eclique (JDQI401S)	400W	2 to 20 lamps. Approximately 95% dimming.
Varilight	V-Pro	100W LED	1 to 20 lamps. Approximately 90% dimming.
Zano	ZGRID500	50W LED	2 to 20 lamps. Approximately 95% dimming.