



KDFL4.5GLS-CLR

4.5w LED Dimmable Filament GLS, 20000hrs, Clear



Product Overview

The KTC Dimmable LED Filament GLS lamp has a traditional appearance and gives an even spread of light in all directions. It is also highly functional and efficient, up to 104lm/W, giving a quality of light that creates inviting living spaces while 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 88% compared with an incandescent filament lamp

High lumen output, up to 104lm/W

Long life of 20,000h

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

	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Fitting	B22	E27
Shape / Type	GLS	GLS
Optics Type	Clear	Clear
Nominal Power (W)	4.5	4.5
Equivalent Wattage (w)	40	40
Total Lumens (lm)	470	470
Input Current (mA)	34	34
Input Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
CCT Temperature (k)	2700	2700
CCT Name	Warm White	Warm White
Rated Life (hrs)	20000	20000
Nominal Lifetime (hrs)	20000	20000
Switch Cycles	50000	50000
CRI	80	80
Dimmable	Yes	Yes
Retrofit	Yes	Yes
Power Factor	0.58	0.58
Start Time (s)	0.10	0.10
Warm-up Time (s)	Instant full light	Instant full light
Length (mm)	98	99
Diameter (mm)	55	55
Mercury (mg)	0	0
Clean-up instructions	N/A	N/A
Rated Power (W)	4.5	4.5

Unit D2 Kennetside, Bone Lane
NEWBURY, BERKSHIRE

T: 01635 523 713 E: sales@kosnic.com W: <http://www.kosnic.com>

Rated Luminous Flux (lm)	470	470
LMF at Lifetime	0.75	0.75
SDCM of CCT	<6	<6
Barcode	5060063428123	5060063428178

Product Markings

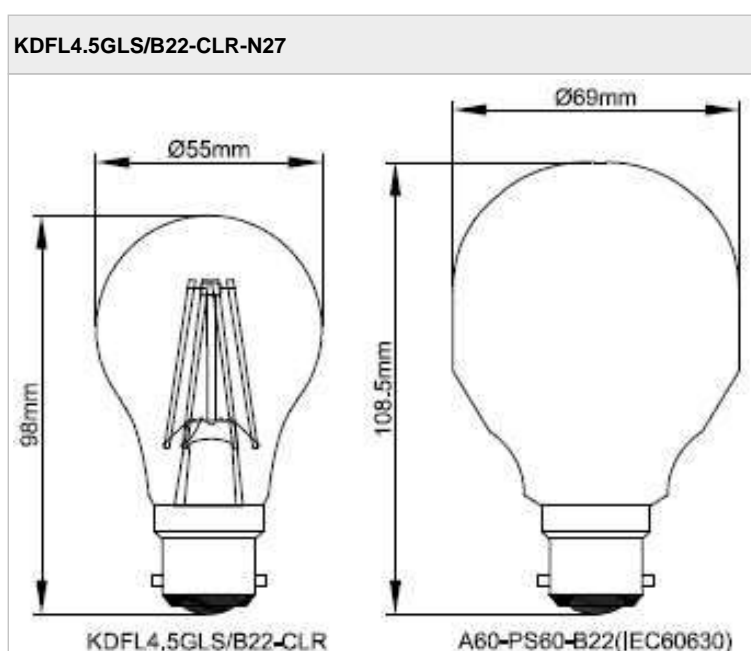
	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Manufacturer	Kosnic	Kosnic
Product Code	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	4.5	4.5
Current (mA)	34	34
CE Mark	Yes	Yes
WEEE Mark	Yes	Yes
Batch Code	Yes	Yes

Energy Label

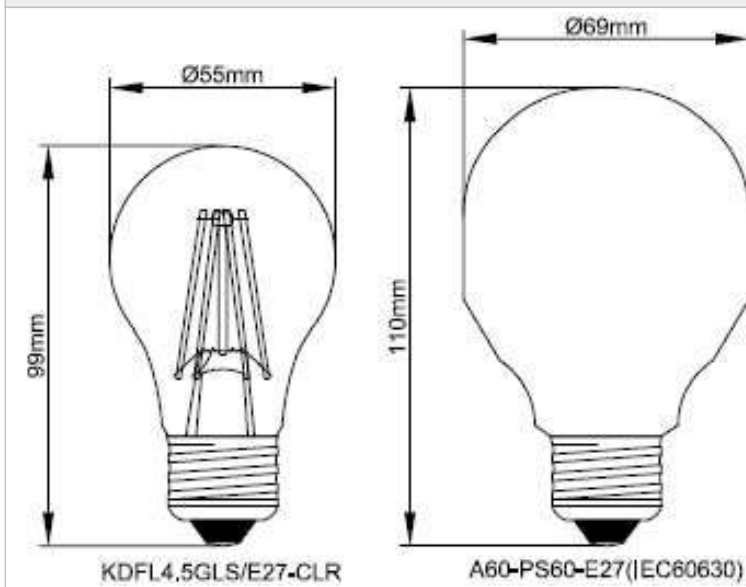
	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Manufacturer	Kosnic	Kosnic
Product Code	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Energy Class	A++	A++
Energy Consumption (kWh/1000h)	5	5

Packaging

	KDFL4.5GLS/B22-CLR-N27	KDFL4.5GLS/E27-CLR-N27
Outer Box Length (mm)	630	630
Outer Box Width (mm)	320	320
Outer Box Height (mm)	165	165
Volume	0.033264	0.033264
Box Quantity	50	50
Outer Box Weight (kg)	3.85	3.85

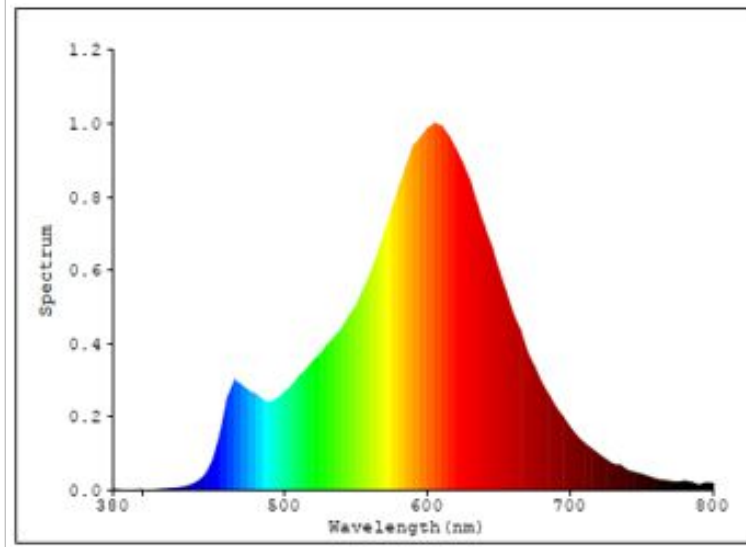


KDFL4.5GLS/E27-CLR-N27



KDFL4.5GLS/B22-CLR-N27

KDFL4.5GLS/E27-CLR-N27



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
BG	DM400AP	5-50W LED	1 to 10 lamps. Approximately 75% dimming.
Click	CMA145 (or MD9022)	250W	1 to 10 lamps. Approximately 85% dimming.
Hamilton	H-GDMTM250 (Touch)	250W	1 to 20 lamps. Approximately 95% dimming.
Hamilton	H-LEDStat	100w	1 to 20 lamps. Approximately 95% dimming.
Hamilton	L400/2 (or N4002)	400W	1 to 10 lamps. Approximately 75% dimming.
Varilight	Eclique (JDQI401S)	400W	1 to 20 lamps. Approximately 95% dimming.
Varilight	LEDLite (VLLQ1W from TLC)	120W	1 to 10 lamps. Approximately 85% dimming.
Varilight	V-Dim	400W	1 to 10 lamps. Approximately 85% dimming.
Varilight	V-Pro	100W LED	1 to 20 lamps. Approximately 95% dimming.
Zano	ZGRID500	50W LED	1 to 10 lamps. Approximately 85% dimming.

Datasheet generated from <http://www.electrika.com> last updated Wednesday, February 14, 2018 4:40:56 PM