



## **KDIM08GLS**

8w Dimmable GLS LED, 30000hrs



## **Product Overview**

Kosnic's Home range of LED products brings the energy saving capabilities of LED technology to the home. The range is both beautiful and functional while offering lamps that deliver huge energy savings over filament lamps without compromising on brightness. The lamps can quickly replace filament products in general lighting applications, and once in place rapid payback is achieved.

## Features

Save energy up to 85% compared with filament lamp.

Direct replacement of B22 or E27 GLS lamp.

High lumen output.

Dimmable

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

	KDIM08GLS/B22-N30 <sup>[1]</sup>	KDIM08GLS/B22-N40 <sup>[1]</sup>	KDIM08GLS/B22-N65 <sup>[1]</sup>
	KDIM08GLS/E27-N30 <sup>[2]</sup>	KDIM08GLS/E27-N40 <sup>[2]</sup>	KDIM08GLS/E27-N65 <sup>[2]</sup>
<b>Fitting</b>	B22 <sup>[1]</sup> E27 <sup>[2]</sup>	B22 <sup>[1]</sup> E27 <sup>[2]</sup>	B22 <sup>[1]</sup> E27 <sup>[2]</sup>
<b>Shape / Type</b>	GLS	GLS	GLS
<b>Colour Finish</b>	White	White	White
<b>Optics Type</b>	Frosted	Frosted	Frosted
<b>Wattage (w)</b>	8	8	8
<b>Equivalent Wattage (w)</b>	57	59	59
<b>Total Lumens (lm)</b>	760	790	790
<b>Input Current (mA)</b>	36	36	36
<b>Input Voltage</b>	220-240Vac	220-240Vac	220-240Vac
<b>CCT Temperature (k)</b>	3000	4000	6500
<b>CCT Name</b>	Warm White	Cool White	Day Light
<b>Rated Life (hrs)</b>	30000	30000	30000
<b>Switch Cycles</b>	50000	50000	50000
<b>Peak Candelas (cd)</b>	95	95	95
<b>CRI</b>	84	86	86
<b>Dimmable</b>	Yes	Yes	Yes
<b>Retrofit</b>	Yes	Yes	Yes
<b>Power Factor</b>	0.96	0.96	0.96
<b>Start Time (s)</b>	0.1	0.1	0.1
<b>Warm-up Time (s)</b>	Instant full light	Instant full light	Instant full light
<b>Length (mm)</b>	107 <sup>[1]</sup> 109 <sup>[2]</sup>	107 <sup>[1]</sup> 109 <sup>[2]</sup>	107 <sup>[1]</sup> 109 <sup>[2]</sup>

Unit D2 Kennetside, Bone Lane

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<b>Width (mm)</b>	60	60	60
<b>Depth (mm)</b>	60	60	60
<b>Mercury (mg)</b>	0	0	0
<b>Clean-up instructions</b>	N/A	N/A	N/A
<b>LMF at Lifetime</b>	0.75	0.75	0.75
<b>SDCM of CCT</b>	<6	<6	<6
<b>Ambient Temperature (°C)</b>	-20 to 40	-20 to 40	-20 to 40
<b>Barcode</b>	5060063420165 <sup>[1]</sup> 5060063420196 <sup>[2]</sup>	5060063420172 <sup>[1]</sup> 5060063420202 <sup>[2]</sup>	5060063420189 <sup>[1]</sup> 5060063420219 <sup>[2]</sup>

## Product Markings

	<b>KDIM08GLS/B22-N30<sup>[1]</sup></b>	<b>KDIM08GLS/B22-N40<sup>[1]</sup></b>	<b>KDIM08GLS/B22-N65<sup>[1]</sup></b>
	<b>KDIM08GLS/E27-N30<sup>[2]</sup></b>	<b>KDIM08GLS/E27-N40<sup>[2]</sup></b>	<b>KDIM08GLS/E27-N65<sup>[2]</sup></b>
<b>Manufacturer</b>	Kosnic	Kosnic	Kosnic
<b>Product Code</b>	KDIM08GLS/B22-N30 <sup>[1]</sup> KDIM08GLS/E27-N30 <sup>[2]</sup>	KDIM08GLS/B22-N40 <sup>[1]</sup> KDIM08GLS/E27-N40 <sup>[2]</sup>	KDIM08GLS/B22-N65 <sup>[1]</sup> KDIM08GLS/E27-N65 <sup>[2]</sup>
<b>Voltage</b>	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
<b>Nominal Power (W)</b>	8	8	8
<b>Current (mA)</b>	36	36	36
<b>CE Mark</b>	Yes	Yes	Yes
<b>WEEE Mark</b>	Yes	Yes	Yes
<b>Batch Code</b>	Yes	Yes	Yes

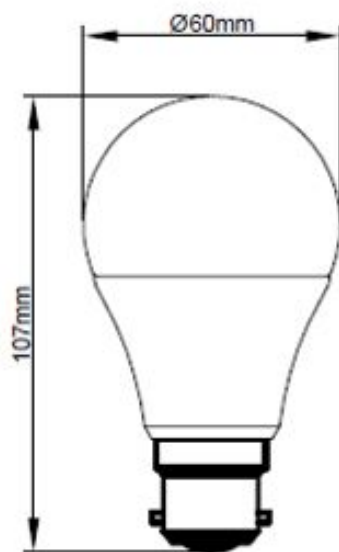
## Energy Label

	KDIM08GLS/B22-N30 <sup>[1]</sup>	KDIM08GLS/B22-N40 <sup>[1]</sup>	KDIM08GLS/B22-N65 <sup>[1]</sup>
	KDIM08GLS/E27-N30 <sup>[2]</sup>	KDIM08GLS/E27-N40 <sup>[2]</sup>	KDIM08GLS/E27-N65 <sup>[2]</sup>
<b>Manufacturer</b>	Kosnic	Kosnic	Kosnic
<b>Product Code</b>	KDIM08GLS/B22-N30 <sup>[1]</sup> KDIM08GLS/E27-N30 <sup>[2]</sup>	KDIM08GLS/B22-N40 <sup>[1]</sup> KDIM08GLS/E27-N40 <sup>[2]</sup>	KDIM08GLS/B22-N65 <sup>[1]</sup> KDIM08GLS/E27-N65 <sup>[2]</sup>
<b>Energy Class</b>	A+	A+	A+
<b>Energy Consumption (kWh/1000h)</b>	8	8	8

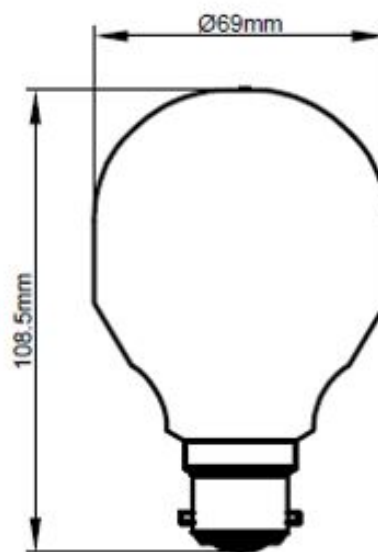
## Packaging

	KDIM08GLS/B22-N30 <sup>[1]</sup>	KDIM08GLS/B22-N40 <sup>[1]</sup>	KDIM08GLS/B22-N65 <sup>[1]</sup>
	KDIM08GLS/E27-N30 <sup>[2]</sup>	KDIM08GLS/E27-N40 <sup>[2]</sup>	KDIM08GLS/E27-N65 <sup>[2]</sup>
<b>Outer Box Length (mm)</b>	760	760	760
<b>Outer Box Width (mm)</b>	353	353	353
<b>Outer Box Height (mm)</b>	157	157	157
<b>Volume</b>	0.04211996	0.04211996	0.04211996
<b>Box Quantity</b>	50	50	50
<b>Outer Box Weight (kg)</b>	8.4	8.4	8.4

KDIM08GLS/B22-N30  
KDIM08GLS/B22-N40  
KDIM08GLS/B22-N65

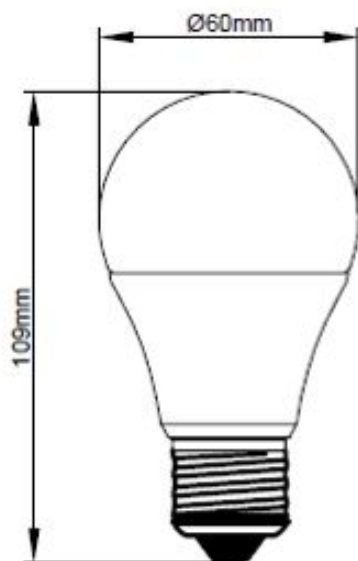


KDIM08GLS/B22

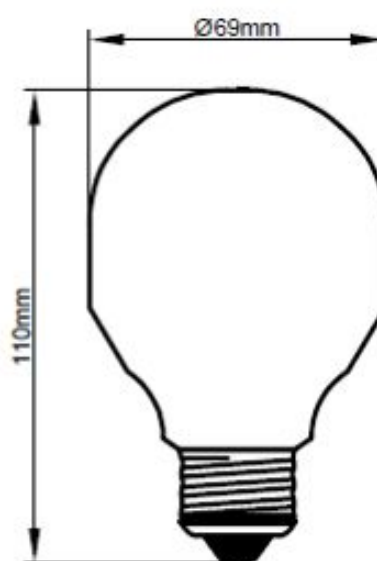


A60-PS60-B22(IEC60630)

KDIM08GLS/E27-N30  
KDIM08GLS/E27-N40  
KDIM08GLS/E27-N65

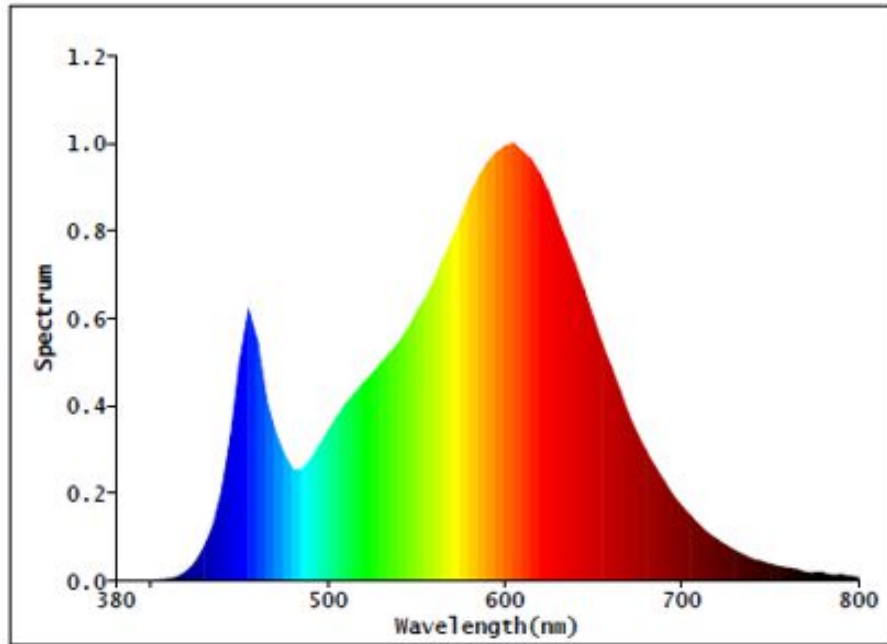


KDIM08GLS/E27

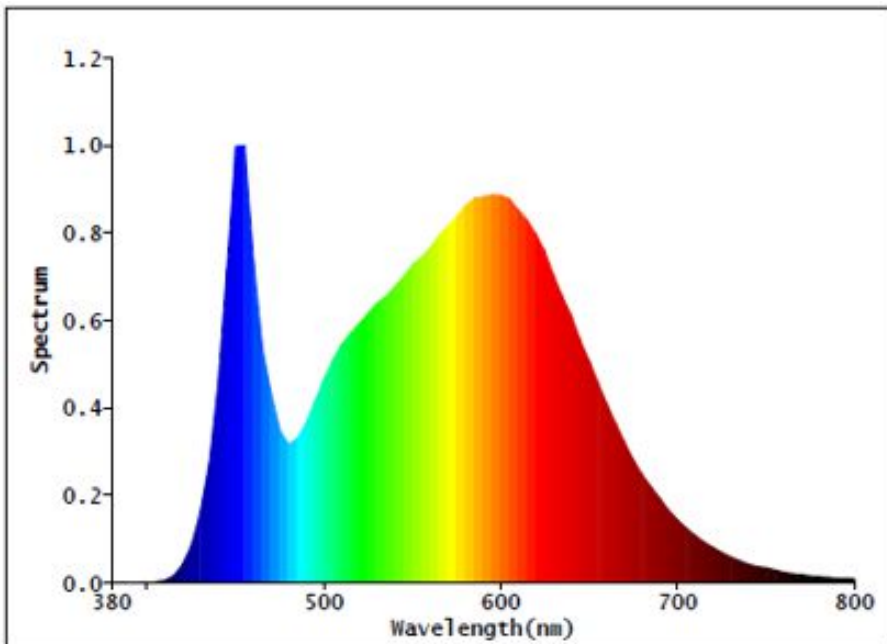


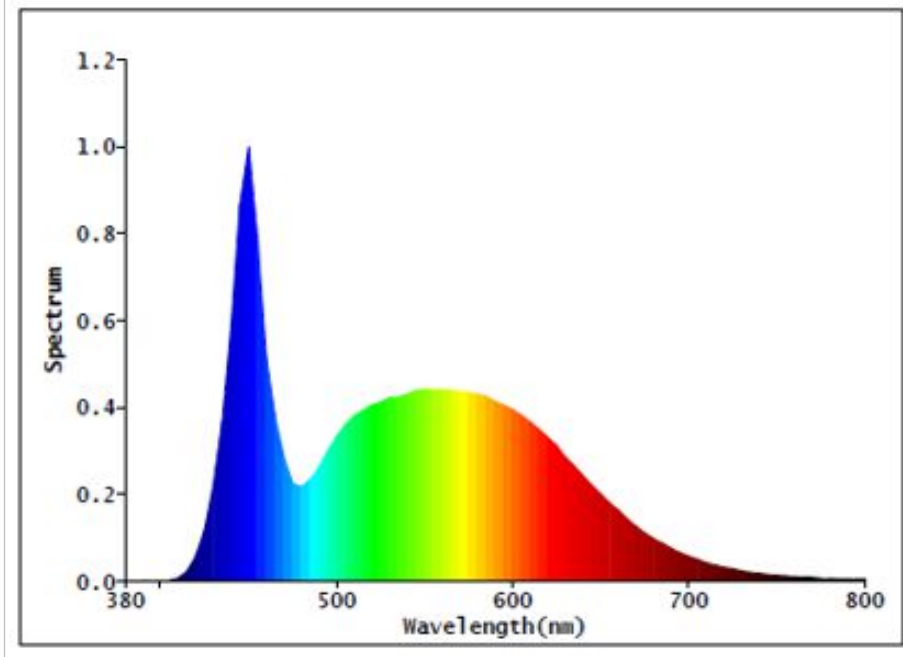
A60-PS60-E27(IEC60630)

KDIM08GLS/B22-N30  
KDIM08GLS/E27-N30



KDIM08GLS/B22-N40  
KDIM08GLS/E27-N40





## 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 and the 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. Approx. 80% dimming.
Hamilton	H-GDM400W	400W	1 to 6 lamps. Approx. 85% dimming.
Hamilton	H-GDMTM250 (Touch)	250W	1 to 10 lamps. Approx. 95% dimming.
Hamilton	H-LEDStat	100w	1 to 10 lamps. Approx. 95% dimming.
Hamilton	L400/2 (or N4002)	400W	1 to 6 lamps. Approx. 85% dimming.
Varilight	Eclique (JDQI401S)	400W	1 to 10 lamps. Approx. 90% dimming.
Varilight	LEDLite (VLLQ1W from TLC)	120W	1 to 10 lamps. Approx. 85% dimming.
Varilight	V-Pro	100W LED	1 to 10 lamps. Approx. 95% dimming.
Zano	ZGRID500	50W LED	1 to 10 lamps. Approx. 90% dimming.

Datasheet generated from <http://www.electrika.com> last updated Tuesday, May 15, 2018 11:28:24 AM