![Kosnic logo]

KDIM08GLS

8W, Dimmable GLS LED

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

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

Product Markings

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

Energy Label

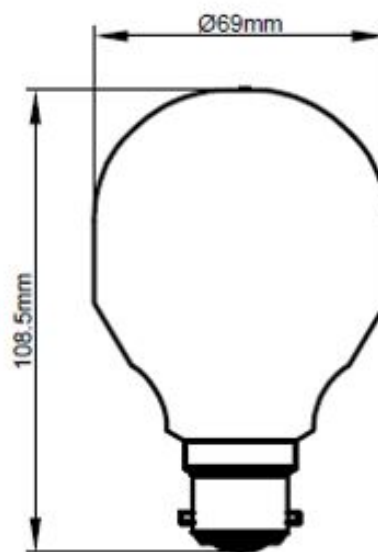|	KDIM08GLS/B22-N30 [1]	KDIM08GLS/B22-N40 [1]	KDIM08GLS/B22-N65 [1]
	KDIM08GLS/E27-N30 [2]	KDIM08GLS/E27-N40 [2]	KDIM08GLS/E27-N65 [2]
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KDIM08GLS/B22-N30 [1] KDIM08GLS/E27-N30 [2]	KDIM08GLS/B22-N40 [1] KDIM08GLS/E27-N40 [2]	KDIM08GLS/B22-N65 [1] KDIM08GLS/E27-N65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

Packaging

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

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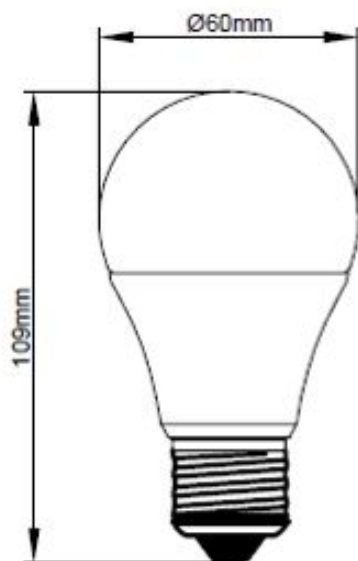**KDIM08GLS/B22-N65**

Ø60mm

Ø69mm

107mm

108.5mm
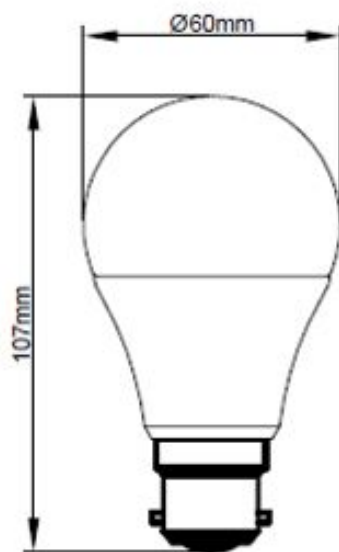
KDIM08GLS/B22

A60-PS60-B22(IEC60630)

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

Ø60mm

Ø69mm

109mm

110mm
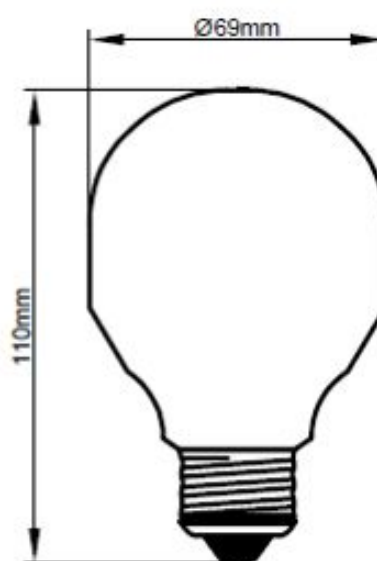
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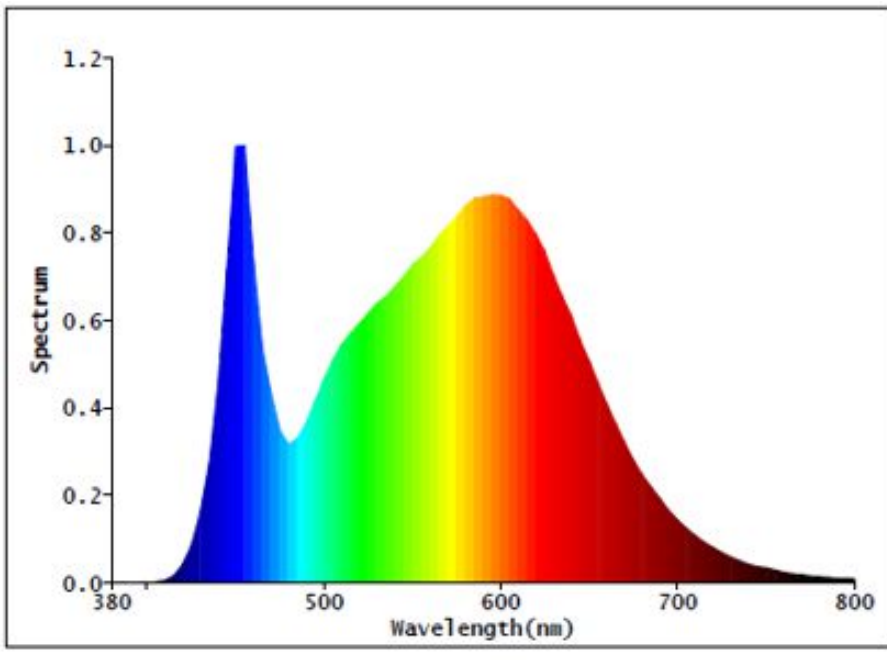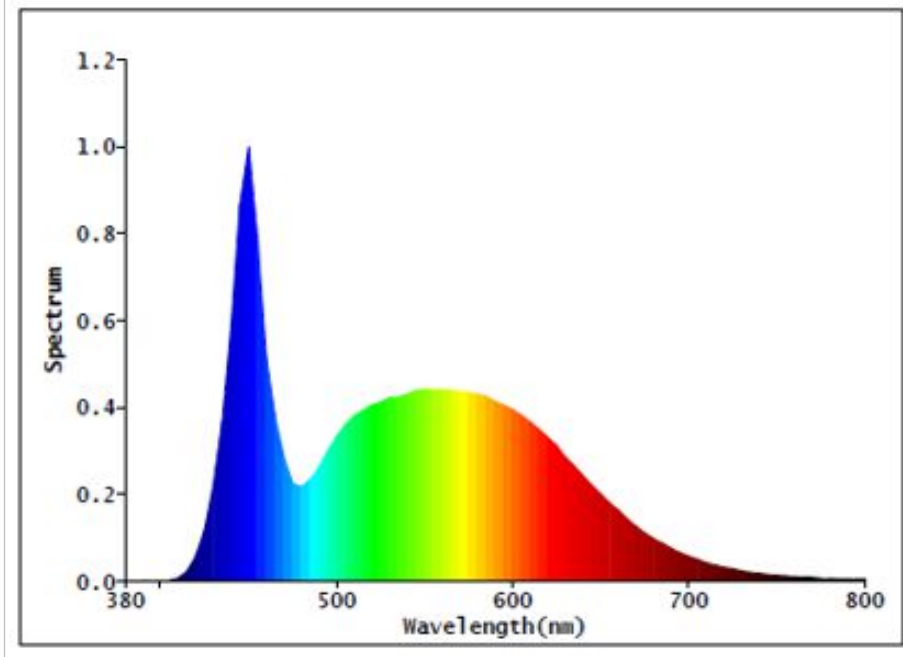
A60-PS60-E27(IEC60630)

KDIM08GLS/B22-N30
KDIM08GLS/E27-N30

KDIM08GLS/B22-N40
KDIM08GLS/E27-N40
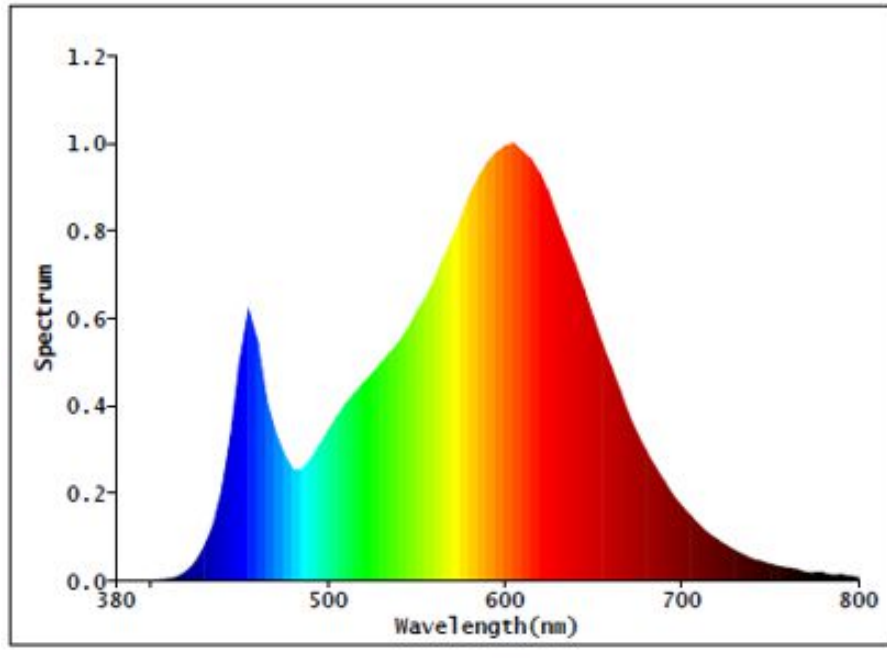
KDIM08GLS/B22-N65
KDIM08GLS/E27-N65

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.

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