KDIM10GLS
10W, 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

	KDIM10GLS/B22-N40 [1]	KDIM10GLS/B22-N65 [1]
	KDIM10GLS/E27-N40 [2]	KDIM10GLS/E27-N65 [2]
Fitting	B22 [1] E27 [2]	B22 [1] E27 [2]
Shape / Type	GLS	GLS
Colour Finish	White	White
Optics Type	Frosted	Frosted
Wattage (w)	10	10
Equivalent Wattage (w)	67	67
Total Lumens (lm)	920	920
Input Current (mA)	45	45
Input Voltage	220-240Vac	220-240Vac
CCT Temperature (k)	4000	6500
CCT Name	Cool White	Day Light
Rated Life (hrs)	30000	30000
Nominal Lifetime (hrs)	30000	30000
Switch Cycles	50000	50000
Peak Candelas (cd)	110	110
CRI	86	86
Dimmable	Yes	Yes
Retrofit	No	No
Power Factor	0.97	0.97
Start Time (s)	0.1	0.1
Warm-up Time (s)	Instant full light	Instant full light
Length (mm)	115	115

Width (mm)	60	60
Depth (mm)	60	60
Mercury (mg)	0	0
Clean-up instructions	N/A	N/A
Rated Power (W)	10.00	10.00
Rated Luminous Flux (lm)	920	920
LMF at Lifetime	0.75	0.75
SDCM of CCT	<6	<6
Ambient Temperature (°C)	-20 to 40	-20 to 40
Barcode	0609207988700 [1] 0609207988731 [2]	0609207988717 [1] 0609207988748 [2]

Product Markings

	KDIM10GLS/B22-N40 [1] KDIM10GLS/E27-N40 [2]	KDIM10GLS/B22-N65 [1] KDIM10GLS/E27-N65 [2]
Manufacturer	Kosnic	Kosnic
Product Code	KDIM10GLS/B22-N40 [1] KDIM10GLS/E27-N40 [2]	KDIM10GLS/B22-N65 [1] KDIM10GLS/E27-N65 [2]
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	10	10
Current (mA)	45	45
CE Mark	Yes	Yes
WEEE Mark	Yes	Yes
Batch Code	Yes	Yes

Energy Label

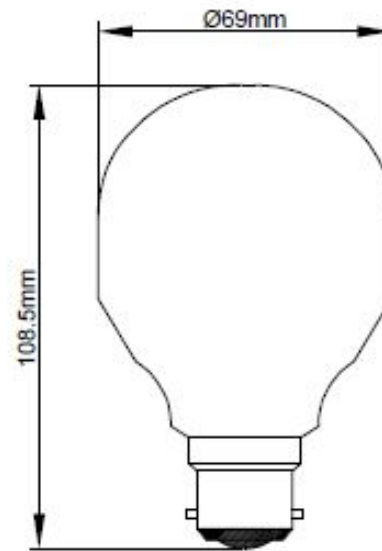|	KDIM10GLS/B22-N40 [1]	KDIM10GLS/B22-N65 [1]
	KDIM10GLS/E27-N40 [2]	KDIM10GLS/E27-N65 [2]
Manufacturer	Kosnic	Kosnic
Product Code	KDIM10GLS/B22-N40 [1] KDIM10GLS/E27-N40 [2]	KDIM10GLS/B22-N65 [1] KDIM10GLS/E27-N65 [2]
Energy Class	A+	A+
Energy Consumption (kWh/1000h)	10	10

Packaging

	KDIM10GLS/B22-N40 [1]	KDIM10GLS/B22-N65 [1]
	KDIM10GLS/E27-N40 [2]	KDIM10GLS/E27-N65 [2]
Outer Box Length (mm)	760	760
Outer Box Width (mm)	353	353
Outer Box Height (mm)	165	165
Volume	0.0442662	0.0442662
Box Quantity	50	50
Outer Box Weight (kg)	9.4	9.4

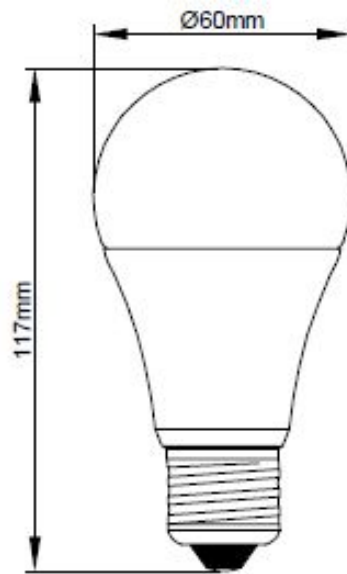**KDIM10GLS/B22-N40**
KDIM10GLS/B22-N65

Ø60mm

Ø69mm

115mm

108.5mm
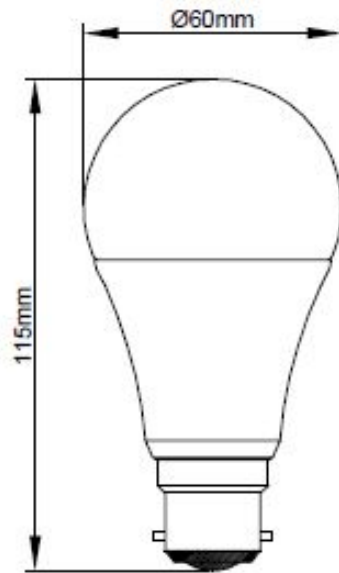
KDIM10GLS/B22

A60-PS60-B22(IEC60630)

KDIM10GLS/E27-N40
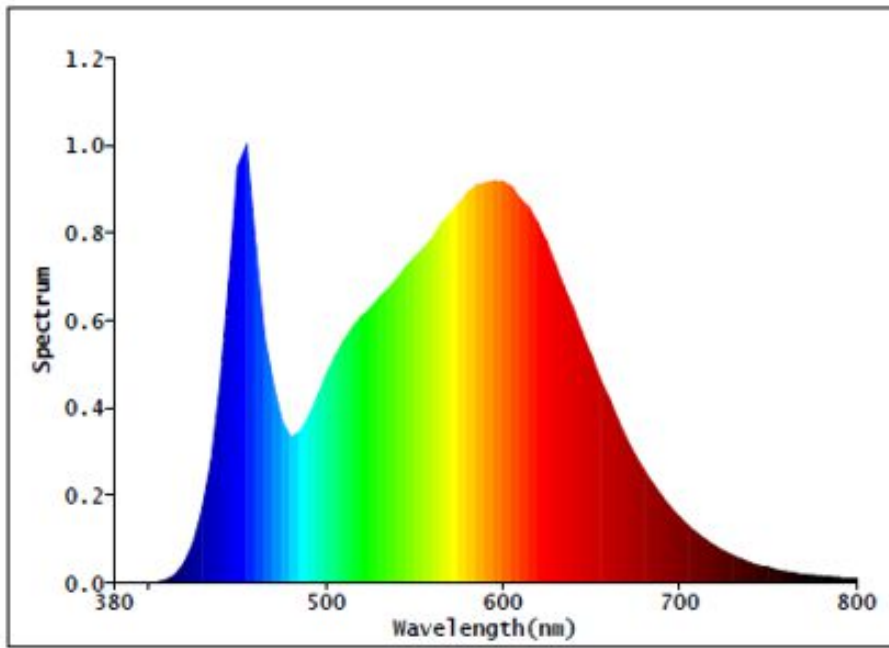**KDIM10GLS/E27-N65**

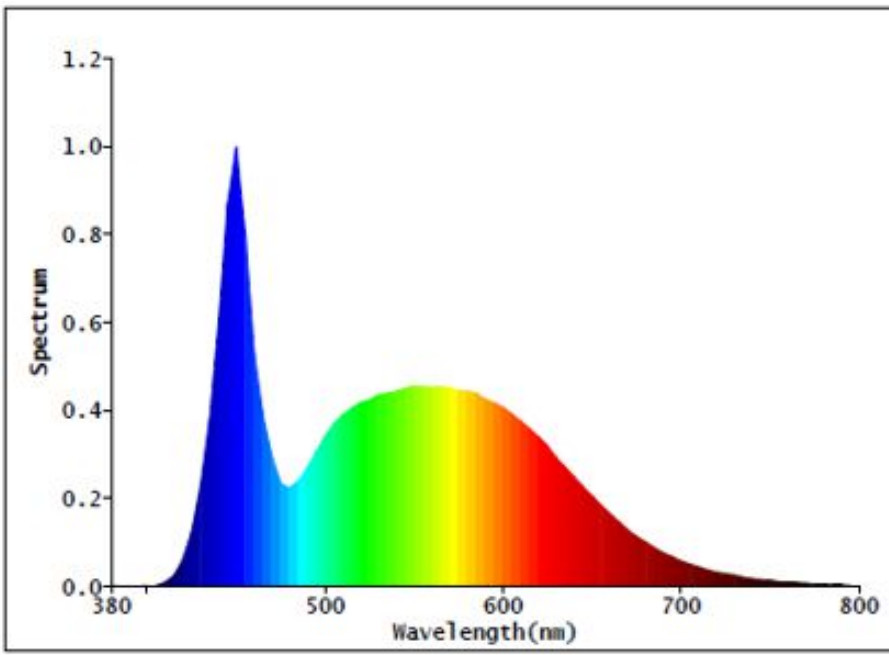Ø60mm

Ø69mm

117mm

110mm
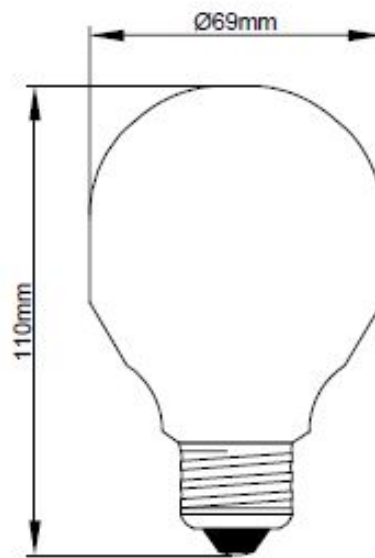
KDIM10GLS/E27

A60-PS60-E27(IEC60630)

KDIM10GLS/B22-N40
KDIM10GLS/E27-N40

KDIM10GLS/B22-N65
KDIM10GLS/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, 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. Approx. 80% dimming.
Danlers	DQDGD MK	400W	1 to 10 lamps. Approx. 95% dimming.
Hamilton	H-LEDStat	100w	1 to 10 lamps. Approx. 95% dimming.
Varilight	Eclique (JDQI401S)	400W	1 to 10 lamps. Approx. 90% dimming.
Varilight	V-Pro	100W LED	1 to 10 lamps. Approx. 95% dimming.
Zano	ZGRID500	50W LED	1 to 10 lamps. Approx. 95% dimming.

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