Datasheet

GLS High Efficient

High Power GLS Lamps

• Colour temperature of 3000K • Save energy up to 85% compared with incandescent lamp

HEGLSD06/B22-N30 (07168)

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Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

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Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	30
Rated Power (W)	6.5
CCT Words	Warm White
CCT (K)	3000
Total Luminous Flux (lm)	970
Nominal Lifetime (h)	15000
L70B50 Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(℃)	650
SDCM of CCT	<6
Flicker %	<2%
Power Factor	0.94
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.07
Protection Rating	Class II
IP Rating	IP20
Displacement Factor	0.8
High Luminance Light Source (Y/N)	N
Useful Luminous Flux (lm)	970

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	B22
Mains / Non-Mains (MLS/NMLS)	MLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N

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Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	Y
Energy Consumption in on-mode (kWh/1000H)	7
Energy Efficiency Class	D
Useful Luminous Flux (lm)	970
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	3000
On-Mode Power (Pon) (W)	6.5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	110
Width (mm)	60
Depth (mm)	60
Equivalent Power (W)	70
Chromaticity Co-Ordinates (X)	0.44
Chromaticity Co-Ordinates (Y)	0.403
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.93
Displacement Factor	0.8
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.1

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Storboscopic effect metric (SVM) (x,x)	0.1

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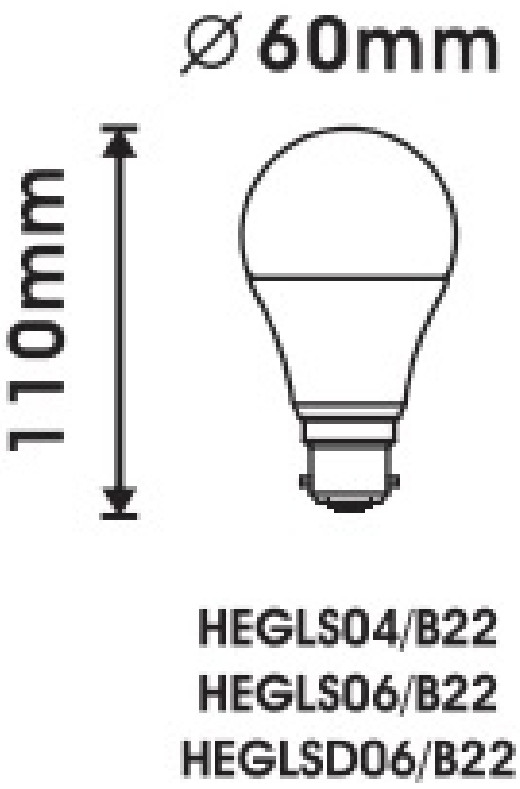
Technical Drawings



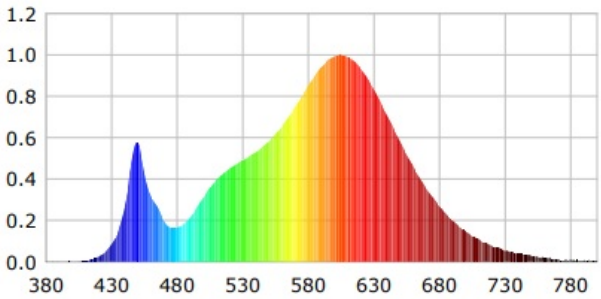
HEGLS04/B22
HEGLS06/B22
HEGLSD06/B22

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
Click	CMA145 (or MD9022)	250W	1 to 16 lamps. Approximately 75% dimming.
Hamilton	H-LEDSTAT-GR	100W	1 to 16 lamps. Approximately 90% dimming.
Hamilton	H-GDM400W	400W	1 to 16 lamps. Approximately 70% dimming.
Hamilton	L400/2 (or N4002)	400W	1 to 16 lamps. Approximately 70% dimming.
MK	K1534RP***	250W	1 to 16 lamps. Approximately 70% dimming.



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