High Efficient GLS (Dim)

Kosnic

07683   HEA4.3D-ES27

High Efficient A60 (GLS) 4.3W Dimmable ES (E27) 2700K

- High efficient of 187lm/W
- Save energy by up to 85% compared with incandescent lamp
- Colour temperature of 2700K, 4000K, 6500K
- Long life of 50,000hr

Overview

The Kosnic range of High Efficient GLS products brings the energy saving capabilities of LED technology. This range offers different CCT with high lumen output. The lamps can quickly replace filament products in general lighting applications, and once in place rapid payback is achieved.

IP20

General Information

Ambient Temperature Range (°C)	-20°C to 40°C
IP Rating	IP20
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	25,000 h

Compliance

LVD	EN 62031:2020, EN 62471:2008, EN 62493:2015+A1:2022, EN 62560:2012+A11:2019
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023

Tel: 01635 523 713

Email: sales@kosnic.com

Kosnic.com

Kosnic Lighting   KosnicUK   KosnicLightingUK   KosnicUK

Technical Summary	
Product Code	HEA4.3D-ES27
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	4A/200us
Default Power	4.3 W
Power Factor	0.8
Default CCT	2,700 K
SDCM of CCT	<6
CRI	80
Dimmable	Y
Flicker	<1%
Lumens Output Maximum	806 lm
Maximum Efficiency	187 lm/W
L70B50 Lifetime (h) @Ta 25 °C	50,000 h
L80B10 Lifetime (h) @Ta 25 °C	25,000 h
L90B10 Lifetime (h) @Ta 25 °C	13,000 h
Nominal Lifetime (h)	15,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.044Kg
Dimensions (L x W x D) (mm)	120x⌀60
Beam Angle - Lumi (°)	180
LS Energy Efficiency Class	B

High Efficient GLS (Dim)

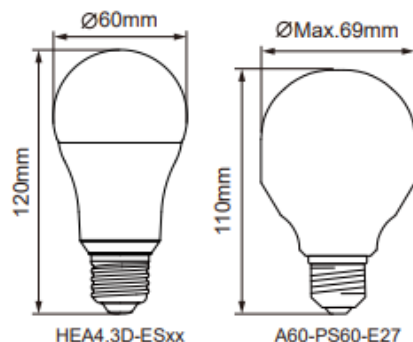**Kosnic**

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IP20

General Information

Ambient Temperature Range (°C)	-20°C to 40°C
IP Rating	IP20
Nominal Lifetime (h)	15,000 h
Protection Rating	Class II
Installation Area	Internal

Ø60mm · 120mm · HEA4.3D-ESxx

ØMax.69mm · 110mm · A60-PS60-E27

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 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
Varilight	V.Pro	100W LED	1 to 20 lamps. Approximately 95% dimming.
Aurora	AU-DSP400X	400W	1 to 20 lamps. Approximately 85% dimming.
Zano	ZGRIDLED	250W LED	1 to 20 lamps. Approximately 80% dimming.
Robus	LOADPRO RLA200DT-01	133W LED	1 to 20 lamps. Approximately 80% dimming.
Schneider/GET	Multiway Digital	300W	1 to 20 lamps. Approximately 90% dimming.
Hamilton	LEDITB	5-100W LED	1 to 20 lamps. Approximately 85% dimming.
Hamilton	H-LEDSTAT-GR	5-100W LED	1 to 20 lamps. Approximately 85% dimming.
LAP	H0025/B-SF	5-150W	1 to 20 lamps. Approximately 80% dimming.
Crabtree	SFCR1125/LED SFCR1225/LED	5-100W	1 to 20 lamps. Approximately 80% dimming.
CYANIRIS	CYDIMRFT1 (Remote)	2 x 288W	1 to 20 lamps. Approximately 85% dimming.
MK	MB1523WHI	6-100W	1 to 20 lamps. Approximately 85% dimming.