

Reon GLS (Dim)

07688 A5.9D-ES27

GLS 5.9W Dimmable ES (E27) 2700K

- High efficiency up to 138lm/W
- Replacement for incandescent GLS lamps
- Save energy up to 90%
- Choices of 2700K, 4000K, 6500K
- Dimmable options



Overview

The Classic shaped GLS from Kosnic is a selected line of energy saving retrofit LED lamps. Reliable, affordable and easy to install.



General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IP Rating	IP20
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	13,000 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
Others	UKCA, CE, RoHS, WEEE

Technical Summary

Product Code	A5.9D-ES27
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	4A/200us
Default Power	5.9 W
Power Factor	0.90
Default CCT	2,700 K
SDCM of CCT	<6
CRI	80
Dimmable	Y
Flicker	<1%
Lumens Output Maximum	806 lm
Maximum Efficiency	137 lm/W
L70B50 Lifetime (h) @Ta 25 °C	25,000 h
L80B10 Lifetime (h) @Ta 25 °C	13,000 h
L90B10 Lifetime (h) @Ta 25 °C	7,000 h
Nominal Lifetime (h)	25,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.032Kg
Dimensions (L x W x D) (mm)	107xØ60
Beam Angle - Lumi (°)	180
LS Energy Efficiency Class	D

Tel: 01635 523 713

Email: sales@kosnic.com

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Optional Gear

Product Code	Description	Type
CYDIMRFT1	RF controlled triac dimmer	Dimmable Driver

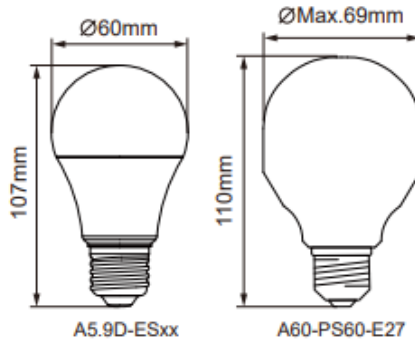
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Dimming Compatibility

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.**

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Recommended Dimmer Switches:

Manufacturer	Model	Marked Rating	Notes
Varilight	V.Pro	100W LED	1 to 12 lamps. Approximately 95% dimming.
Aurora	AU-DSP400X	400W	1 to 12 lamps. Approximately 90% dimming.
Zano	ZGRIDLED	250W LED	1 to 12 lamps. Approximately 90% dimming.
Robus	LOADPRO RLA200DT-01	133W LED	1 to 12 lamps. Approximately 85% dimming.
Hamilton	LEDITB	5-100W LED	1 to 12 lamps. Approximately 90% dimming.
Hamilton	H-LEDSTAT-GR	5-100W LED	1 to 12 lamps. Approximately 80% dimming.
LAP	H0025/B-SF	5-150W	1 to 12 lamps. Approximately 95% dimming.
Crabtree	SFCR1125/LED SFCR1225/LED	5-100W	1 to 12 lamps. Approximately 85% dimming.
Danlers	DQDGD MK	400W	1 to 12 lamps. Approximately 75% dimming.
Varilight	Eclique JDQI401S	400W	1 to 12 lamps. Approximately 95% dimming.
MK	MB1523WHI	6-100W	1 to 12 lamps. Approximately 95% dimming.

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