

KTC LED.PowerSpot.Hilux 4W LED

4W 100° GU10 PAR16 LED SMD Lamp



Product Overview

The KTC-SMD range is perfect for home, office and hospitality settings with all the environmental and financial benefits of LED technology. A direct retrofit for standard halogen GU10 lamps, the SMD range provides a choice of wattages. Each SMD lamp blends into decorative fittings with a stylish lamp body, while PPS Thermally Conductive Plastic provides excellent heat dissipation and electrical insulation making them the ideal choice for many installations.

Features

- Save energy up to 90% compared with halogen lamp.
- Direct replacement of halogen GU10 lamp.
- 100° beam angles.
- High lumen output.
- Long life of 30,000h.
- Instant start.
- Negligible UV output.
- Mercury free.

Safety and Maintenance

- Switch off supply when installing or removing and allow lamp to cool before handling.
- Do not use in totally enclosed fittings as this may reduce lamp life.
- Do not dispose of in household waste.
- Dispose of in appropriate section of local civic amenity site or recycling centre.

Specifications 100° Beam Angle

Product Code	KSMD04PWR/GU10-W30	KSMD04PWR/GU10-W40	KSMD04PWR/GU10-W65
Lamp Cap	GU10	GU10	GU10
Lamp Shape	PAR16	PAR16	PAR16
Nominal Power (W)	4	4	4
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	33	33	33
Nominal Useful Luminous Flux (lm)	350	350	350
Total Luminous Flux (lm)	410	410	410
CCT (K)	3000K Warm White	4000K Cool White	6500K Day Light
Nominal Lifetime (h)	30000	30000	30000
Beam Angle (°)	100	100	100
Dimmable	No	No	No
Switching Cycles	50000	50000	50000
Warm-up time to 60% (S)	Instant full light	Instant full light	Instant full light
Suitable for accent lighting	No	No	No
Length (mm)	54.0	54.0	54.0
Diameter (mm)	50.0	50.0	50.0
Mercury (mg)	0	0	0
Clean-up instructions	N/A	N/A	N/A
Retrofit	Yes	Yes	Yes
Equivalent Wattage (W)	52	52	52
Rated Power (W)	4.0	4.0	4.0
Rated Useful Luminous Flux (lm)	350	350	350
Rated Lifetime (h)	30000	30000	30000
Power Factor	0.53	0.53	0.53
Rated Peak Candelas (cd)	160	160	160
LMF at Nominal Lifetime	0.75	0.75	0.75
SDCM of CCT	<6	<6	<6
CRI	82	83	83
Start Time (s)	0.40	0.40	0.40
Ambient Temperature Range (°C)	-20 to 40	-20 to 40	-20 to 40

Notes: The Useful Luminous Flux quoted is for the output within a 90° cone as per the EU implementing directive on ecodesign requirements for directional lamps.

Product Markings 100° Beam Angle

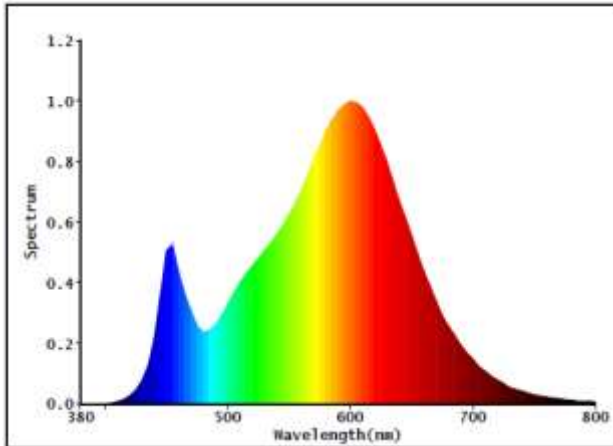
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KSMD04PWR/GU10-W30	KSMD04PWR/GU10-W40	KSMD04PWR/GU10-W65
Volts (V)	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Watts (W)	4	4	4
Current (mA)	33	33	33
Nominal Useful Luminous Flux (lm)	350	350	350
CCT (K)	3000	4000	6500
Beam Angle (°)	100	100	100
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

Energy Label 100° Beam Angle

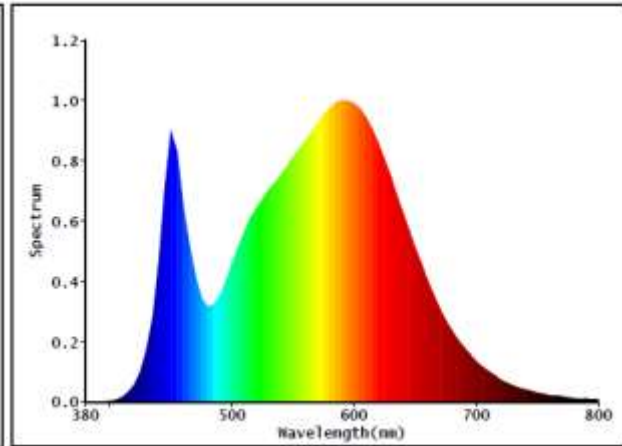
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KSMD04PWR/GU10-W30	KSMD04PWR/GU10-W40	KSMD04PWR/GU10-W65
Energy Class	A++	A++	A++
Energy Consumption (kWh/1000h)	4	4	4

Photometric Information 100° Beam Angle

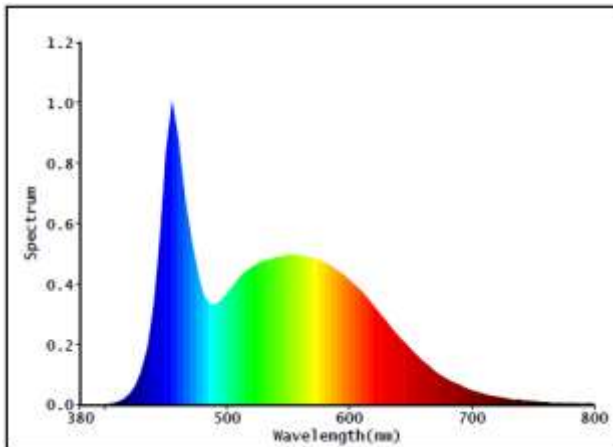
3000K



4000K



6500K



Dimensions

