



KPRO4.5PWR/G5.3

PRO, LED G5.3, 4.5W



Product Overview

Suitable for the most demanding of professional users, Kosnic's KPRO range offers lamps that deliver huge energy savings over halogen lamps without compromising on brightness. The lamps can quickly replace halogen products in accent and general lighting applications, and once in place rapid payback is achieved.

Features

Save energy up to 80% compared with halogen lamp.

For use with 12Vdc constant voltage LED driver.

Can be used with most 12Vac transformers for halogen lamps.

High lumen output.

Long life of 35,000h.

Instant start.

Negligible UV output.

Mercury free.

Safety and Maintenance

Switch off supply and allow cooling before handling lamp.

Use in totally enclosed fittings will reduce lamp life.

Do not dispose of lamp in household waste.

Dispose of in appropriate section of local civic amenity site or recycling centre.

Specifications

	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Fitting	G5.3	G5.3	G5.3
Shape / Type	MR16	MR16	MR16
Colour Finish	Silver	Silver	Silver
Optics Type	Prismatic Lens	Prismatic Lens	Prismatic Lens
Wattage (w)	4.5	4.5	4.5
Equivalent Wattage (w)	21	23	23
Useful Lumens (lm)	210	230	230
Total Lumens (lm)	260	280	280
Input Current (mA)	375	375	375
Input Voltage	12Vac/dc	12Vac/dc	12Vac/dc
CCT Temperature (k)	3000	4000	6500
CCT Name	Warm White	Cool White	Day Light
Rated Life (hrs)	30000	30000	30000
Nominal Lifetime (hrs)	30000	30000	30000
Switch Cycles	50000	50000	50000
Peak Candelas (cd)	330	350	350
Beam Angle (°)	45	45	45
CRI	82	82	84
Dimmable	No	No	No
Retrofit	No	No	No
Suitable for Accent Lighting	Yes	Yes	Yes
Power Factor	1	1	1
Start Time (s)	0.1	0.1	0.1

Warm-up Time (s)	Instant full light	Instant full light	Instant full light
Length (mm)	50	50	50
Width (mm)	50	50	50
Depth (mm)	50	50	50
Mercury (mg)	0	0	0
Clean-up instructions	N/A	N/A	N/A
Rated Power (W)	4.5	4.5	4.5
Rated Useful Luminous Flux (lm)	210	230	230
LMF at Lifetime	0.75	0.75	0.75
SDCM of CCT	4.50	2.80	5.30
Ambient Temperature (°C)	-20 to 40	-20 to 40	-20 to 40
Barcode	0609207994190	0609207994206	0609207994213

Product Markings

	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Volts (V)	12Vac/dc	12Vac/dc	12Vac/dc
Nominal Watts (W)	4.5	4.5	4.5
Current (mA)	375	375	375
Nominal Useful Luminous Flux (lm)	210	230	230
CCT (K)	3000	4000	6500
Beam Angle (°)	45	45	45
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

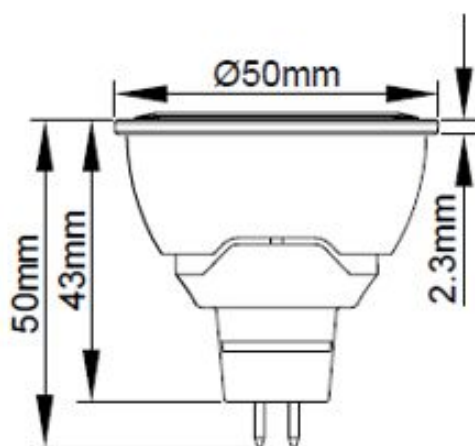
Energy Label

	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	5	5	5

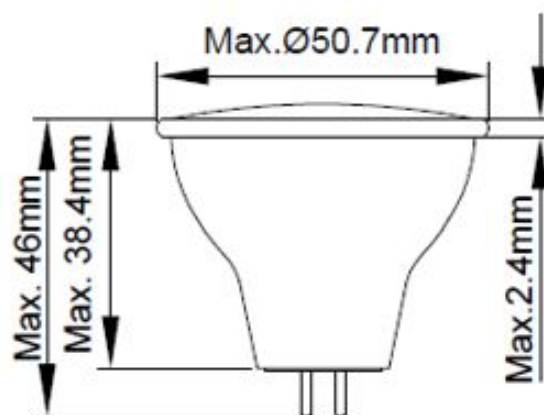
Packaging

	KPRO4.5PWR/G5.3-S30	KPRO4.5PWR/G5.3-S40	KPRO4.5PWR/G5.3-S65
Outer Box Length (mm)	575	575	575
Outer Box Width (mm)	285	285	285
Outer Box Height (mm)	157	157	157
Volume	0.025728375	0.025728375	0.025728375
Box Quantity	100	100	100
Outer Box Weight (kg)	7	7	7

KPRO4.5PWR/G5.3-S30
KPRO4.5PWR/G5.3-S40
KPRO4.5PWR/G5.3-S65

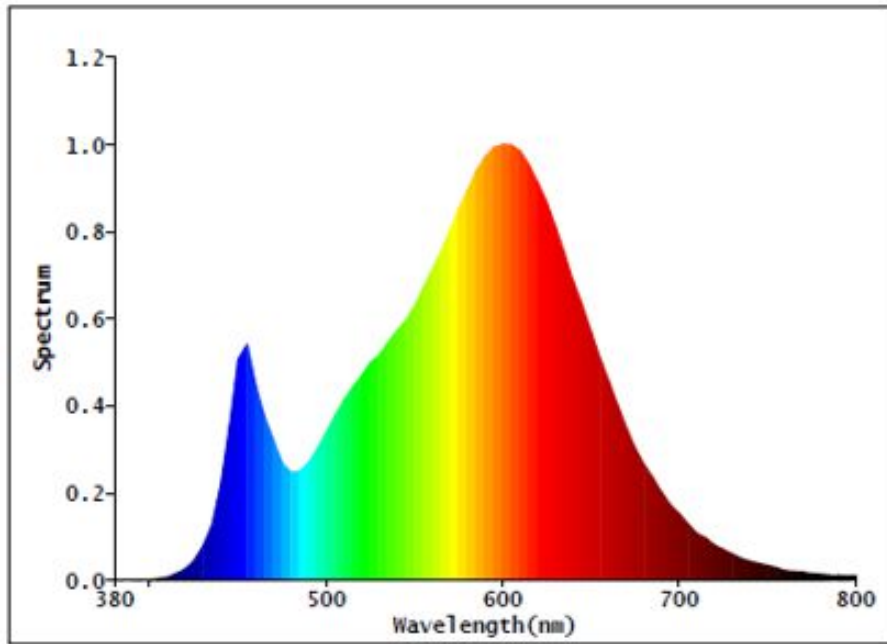


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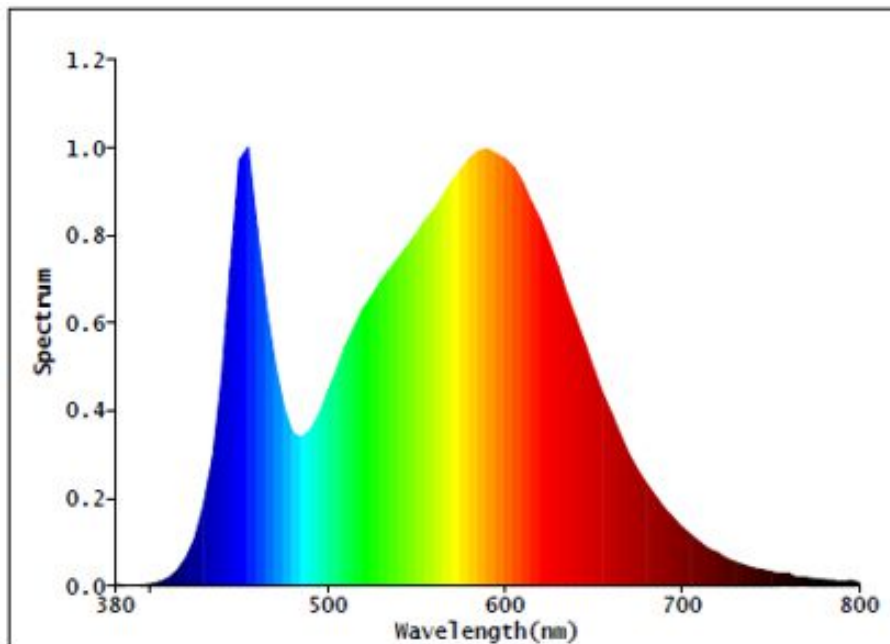


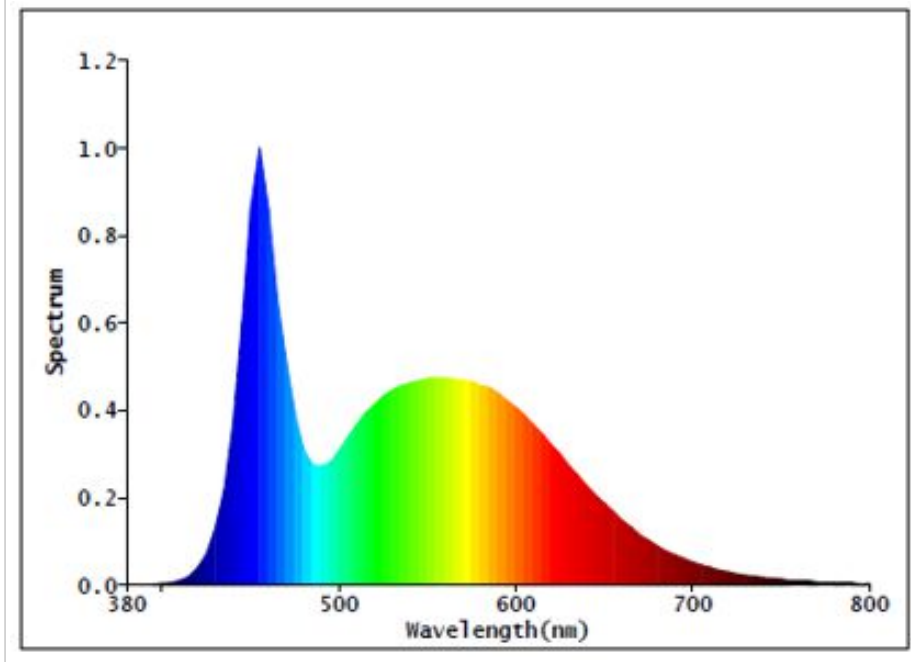
GU5.3 Ø50.8(IEC 60357)

KPRO4.5PWR/G5.3-S30



KPRO4.5PWR/G5.3-S40





Compatibility

The lamps are primarily designed for use with 12VDC constant voltage LED drivers. However, the lamps can also be used with many 12VAC electronic transformers for halogen lamps. Test results for a limited number of transformers in laboratory conditions are listed below. The lamps were tested as 25W to 35W equivalents when loading AC transformers. It is recommended that lamps, especially greater numbers, are tested with AC transformers before committing to an installation.

AC Transformer Compatibility

Make	Model No.	Marked Rating	Number of Lamps
AURORA	AU-150SS	50-150VA	1 to 6
AURORA	AU-210SS	50-210VA	1 to 8
AURORA	AU-60AMP	20-60VA	2 to 3
AURORA	AU-E105	35-105VA	2 to 4
AURORA	AU-RD105	35-105VA	2 to 4
AURORA	AU-RD60E	20-60VA	1 to 3
AURORA	DAIS DA-E60	20-60VA	1 to 3
AURORA	ENLITE EN-SC60	20-60VA	1 to 3
COLLINGWOOD	GREEN60	20-60VA	1 to 3
COLLINGWOOD	SET105FS	35-105VA	1 to 4
CONTACT	CED-60	20-60VA	1 to 3
ET (IBL)	4104.00	20-60VA	1 to 3
ET (IBL)	4105.00	35-75VA	1 to 3
ET (IBL)	4106.00	35-105VA	1 to 4
HALOLITE	HA-S105TE	35-105VA	1 to 4
HALOLITE	HA-S60TA	20-60VA	1 to 3
HALOLITE	HA-SF60T	20-60VA	1 to 3
HALOLITE	HA-SM60TS	20-60VA	1 to 3
JCC	JC4013	35-105VA	1 to 4
JCC	JC4030	10-60VA	1 to 3
KNIGHTSBRIDGE	T02	20-60VA	1 to 3
LL	ET105	20-105VA	1 to 4
LUXINA	ET60T-3	20-60VA	1 to 3
MAE	MA-60	10-60VA	1 to 3
OSRAM	HTM 105	35-105VA	1 to 4
OSRAM	HTM 70/230-240	20-70VA	1 to 3
PHILIPS	CERTALINE 105W	35-105VA	1 to 4
RELCO	MINIFOX 60 PFS	20-60VA	1 to 3

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ROBUS	LEB60D	20-60VA	1 to 3
ROBUS	RM105DN	35-105VA	1 to 4
SPEEDY	TE-0105-C101	35-105VA	1 to 4
VARILIGHT	YT105L	0-105VA	1 to 4
VARILIGHT	YT150	0-150W	1 to 6
VARILIGHT	YT250	0-250VA	1 to 10
VARILIGHT	YT50L	0-50VA	1 to 3
VARILIGHT	YT50LZ	0-50VA	1 to 3
VARILIGHT	YT70L	0-70VA	1 to 3

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