



KLED18STD

LED DD Standard, 18W



Product Overview

Kosnic's range of LED DD lamps takes a fresh approach to functional lighting with a design philosophy offering plug-in emergency packs and optional microwave sensor versions so that there are no barriers to retrofitting LEDs in commercial fittings. The products bring the energy saving capabilities of LED technology to the commercial environment and the lamps can quickly replace fluorescent DD lamps with little or no rewiring.

Features

Save energy up to 65% compared with a fluorescent DD lamp with magnetic ballast.

For maximum energy savings, bypass all control gear and supply directly from the mains.

Single side high lumen output for light only where it's needed.

Long life of 30,000h.

Compatible with Kosnic's KTC27EME-DD emergency module.

Instant start.

Negligible UV output.

Mercury free.

Emergency Module Compatible

The LED DD lamp is compatible with the Kosnic emergency module, which provides power in the event of a cut in the supply and must be wired to an un-switched supply. The battery will supply the lamp for over 3 hours at a reduced output.

Safety and Maintenance

Switch off supply and allow cooling before handling lamp.

Do not dispose of in household waste.

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

Specifications

	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Fitting	4-Pin (GR10q)	4-Pin (GR10q)	4-Pin (GR10q)
Shape / Type	DD	DD	DD
Colour Finish	White	White	White
Wattage (w)	18	18	18
Total Lumens (lm)	1780	1880	1880
Input Current (mA)	87	87	87
Input Voltage	220-240Vac	220-240Vac	220-240Vac
CCT Temperature (k)	2700	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)	590	620	620
CRI	83	83	84
Dimmable	No	No	No
Emergency	Compatible	Compatible	Compatible
Retrofit	Yes	Yes	Yes
Power Factor	0.9	0.9	0.9
Start Time (s)	0.39	0.39	0.39
Warm-up Time (s)	Instant full light	Instant full light	Instant full light
Length (mm)	192	192	192
Width (mm)	192	192	192
Depth (mm)	35	35	35
Mercury (mg)	0	0	0

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Clean-up instructions	N/A	N/A	N/A
Rated Power (W)	18.00	18.00	18.00
Rated Luminous Flux (lm)	1780	1880	1880
LMF at Lifetime	0.75	0.75	0.75
SDCM of CCT	<6	<6	<6
Ambient Temperature (°C)	-20 to 40	-20 to 40	-20 to 40
Emergency Luminous Flux (lm)	200	230	230
Barcode	5060063422336	5060063420738	5060063422398

Product Markings

	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	18	18	18
Current (mA)	87	87	87
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

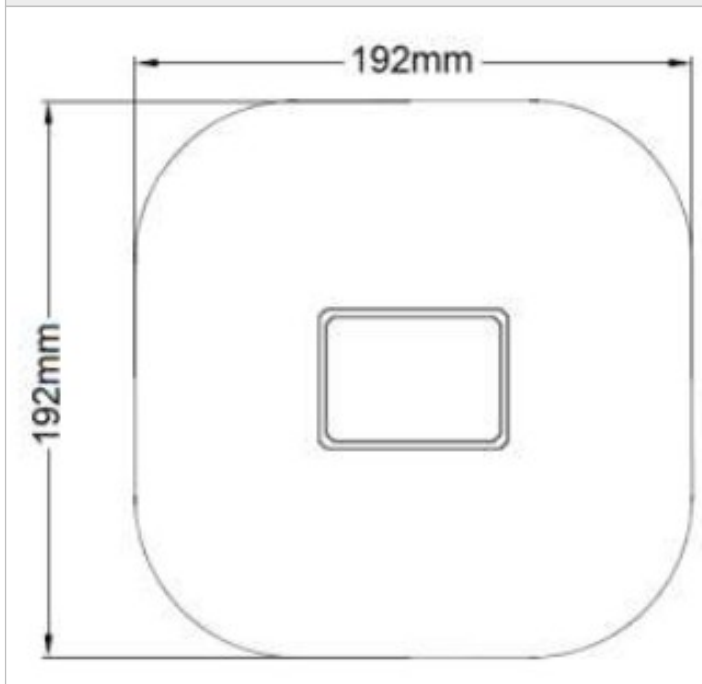
Energy Label

	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Energy Class	A+	A+	A+
Energy Consumption (kWh/1000h)	18	18	18

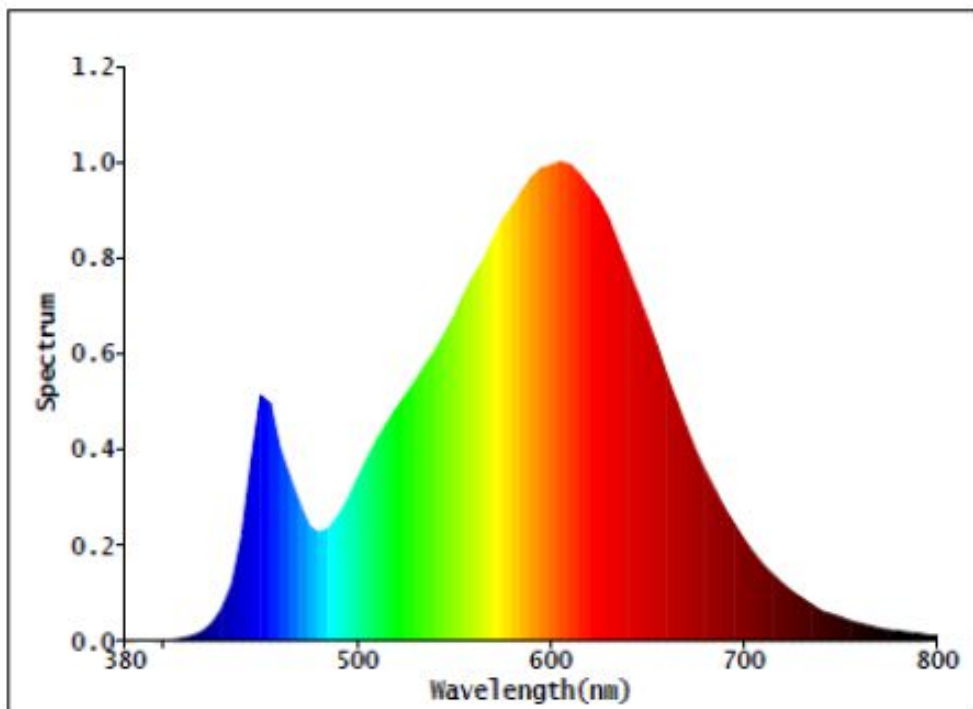
Packaging

	KLED18STD/4P-W27	KLED18STD/4P-W40	KLED18STD/4P-W65
Outer Box Length (mm)	455	455	455
Outer Box Width (mm)	415	415	415
Outer Box Height (mm)	270	270	270
Volume	0.05098275	0.05098275	0.05098275
Box Quantity	20	20	20
Outer Box Weight (kg)	6.3	6.3	6.3

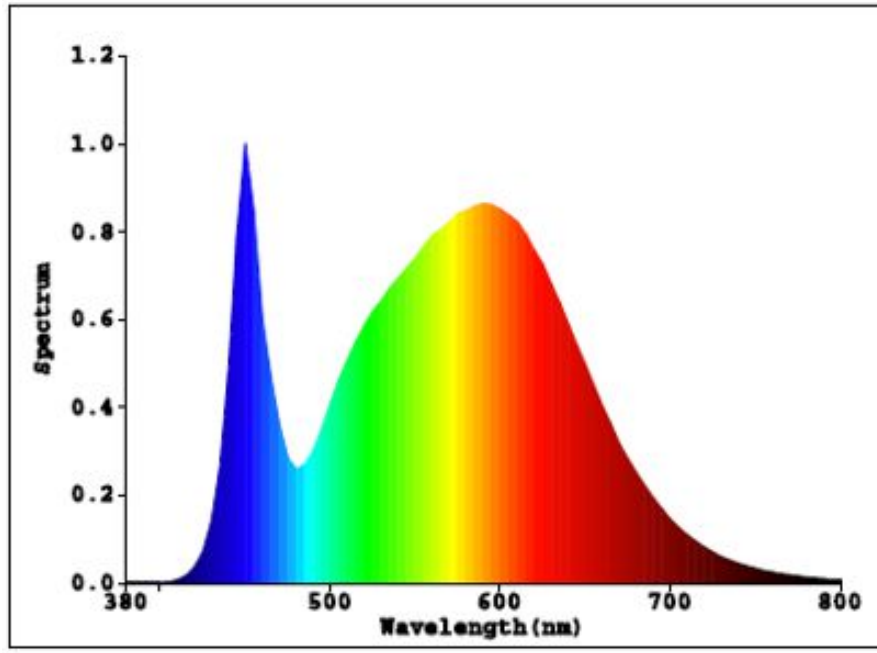
KLED18STD/4P-W27
KLED18STD/4P-W40
KLED18STD/4P-W65



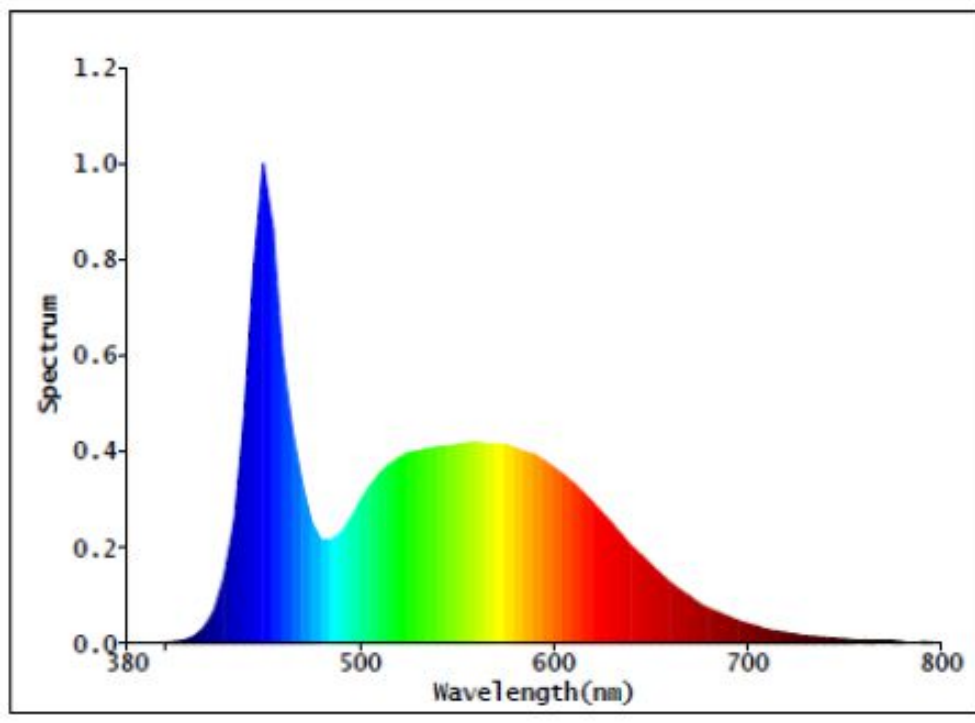
KLED18STD/4P-W27



KLED18STD/4P-W40



KLED18STD/4P-W65



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