



KLED12DTD

12w LED DD Dusk to Dawn, 30000hrs



Product Overview

Kosnic's LED DD Dusk to Dawn lamps take a fresh approach to functional lighting bringing energy saving LED technology in a DD lamp format that is now available with a light sensor that will switch the lamp on at dusk and off again at dawn. The lamps will switch on when the natural light level detected at the lamp falls below 10lux and will stay on until this level is exceeded by natural light (artificial light may prevent the lamp from switching on but will not cause it to switch off).

The lamp is designed to react to slow changes in the natural light level. To avoid nuisance switching, the lamp only switches on once it has been dark enough for 5 seconds. It must then remain this dark for a further 5 seconds before the sensor is primed to switch the lamp off when the natural light increases. Rapid changes in light level may cause unexpected results.

With the addition of the plug and play emergency pack the Kosnic LED DD lamps offer a highly functional alternative to fluorescent DD lamps.

Features

Built-in Dusk to Dawn light sensor.

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

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

	KLED12DTD/2P-W40	KLED12DTD/4P-W40
Fitting	2-pin (GR8)	4-pin (GR10q)
Shape / Type	DD	DD
Nominal Power (W)	12	12
Total Lumens (lm)	1240	1240
Input Current (mA)	55	55
Input Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
CCT Temperature (k)	4000	4000
CCT Name	Cool White	Cool White
Rated Life (hrs)	30000	30000
Nominal Lifetime (hrs)	30000	30000
Switch Cycles	50000	50000
Peak Candelas (cd)	410	410
CRI	83	83
Dimmable?	Yes	Yes
Retrofit?	No	No
Power Factor	0.95	0.95
Start Time (s)	0.39	0.39
Warm-up Time (s)	Instant full light	Instant full light
Length (mm)	192	192
Width (mm)	192	192
Mercury (mg)	0	0
Clean-up instructions	N/A	N/A
Rated Power (W)	12.0	12.0

Rated Luminous Flux (lm)	1240	1240
LMF at Lifetime	0.75	0.75
SDCM of CCT	< 6	< 6
Ambient Temperature (°C)	-20 to 40	-20 to 40
Compatible Emergency Module	KTC27EME-DD	KTC27EME-DD
Emergency Luminous Flux	200	200

Product Markings

	KLED12DTD/2P-W40	KLED12DTD/4P-W40
Manufacturer	Kosnic	Kosnic
Product Code	KLED12DTD/2P-W40	KLED12DTD/4P-W40
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	12	12
Current (mA)	55	55
CE Mark	Yes	Yes
WEEE Mark	Yes	Yes
Batch Code	Yes	Yes

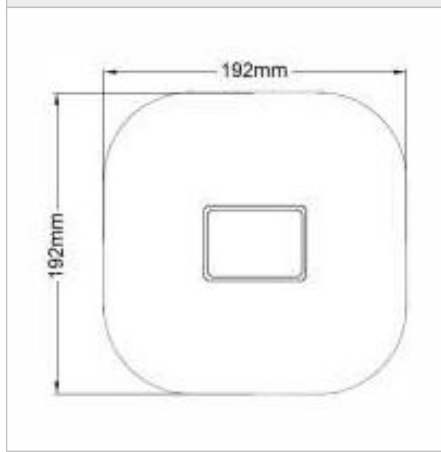
Energy Label

	KLED12DTD/2P-W40	KLED12DTD/4P-W40
Manufacturer	Kosnic	Kosnic
Product Code	KLED12DTD/2P-W40	KLED12DTD/4P-W40
Energy Class	A+	A+
Energy Consumption (kWh/1000h)	12	12

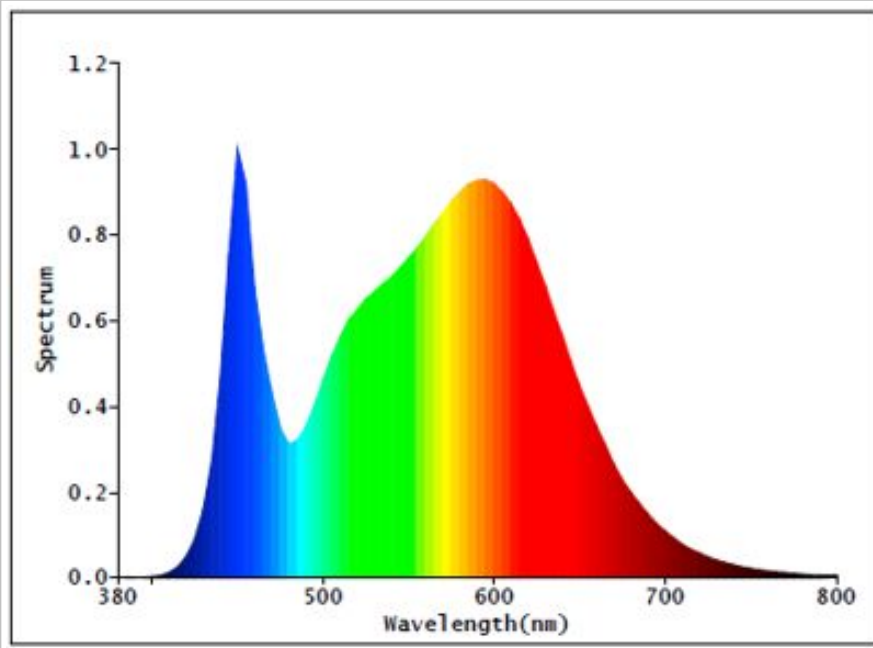
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