



KLED12CRD

12w LED DD, Integrated Motion Sensor and Corridor Function, 4pin, 30000hrs



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 microwave sensors 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.

Optional 10% dimming corridor function.

Compatible with Kosnic's KTC27EME-DD emergency module.

Instant start.

Negligible UV output.

Mercury free.

Microwave Sensor

The LED DD lamp has a built-in microwave motion sensor. The sensor can be adjusted to control the sensor's ambient light level threshold, detection range and illumination time. The latest version includes a dimming corridor function which can be set to keep the lamp on at 10% when not in use.

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 the un-switched supply through the un-switched Live terminal. The battery will supply the lamp for over 3 hours at a reduced output.

Safety and Maintenance

Switch off supply before installing or removing lamp. Allow to cool before handling.

Do not dispose of in household waste.

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

Specifications

	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
Fitting	-	4-Pin (GR10q)	-
Shape / Type	-	DD	-
Colour Finish	-	White	-
Wattage (w)	-	12	-
Total Lumens (lm)	-	1200	-
Input Current (mA)	-	98	-
Input Voltage	-	220-240Vac	-
CCT Temperature (k)	-	4000	-
CCT Name	-	Cool White	-
Rated Life (hrs)	-	30000	-
Nominal Lifetime (hrs)	-	30000	-
Switch Cycles	-	50000	-
Peak Candelas (cd)	-	350	-
CRI	-	82	-
Dimmable?	-	Corridor Function	-
Retrofit?	-	Yes	-
Power Factor	-	0.53	-
Start Time (s)	-	0.39	-
Warm-up Time (s)	-	Instant full light	-
Length (mm)	-	192	-
Width (mm)	-	192	-
Depth (mm)	-	35	-
Mercury (mg)	-	0	-
Clean-up instructions	-	N/A	-

Unit D2 Kennetside, Bone Lane
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Rated Power (W)	-	12.00	-
Rated Luminous Flux (lm)	-	1200	-
LMF at Lifetime	-	0.75	-
SDCM of CCT	-	<6	-
Ambient Temperature (°C)	-	-20 to 40	-
Emergency Luminous Flux	-	230	-
Detection Range (m)	-	1-12	-
Detection Angle (°)	-	360	-
Operation Time	-	8sec-30min	-
Ambient Light Threshold (lux)	-	10-2000	-
Standby Power (W)	-	1.2	-
HF System	-	5.8GHz	-
Sensor Output (mW)	-	<0.2	-

Product Markings

	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
Manufacturer	-	Kosnic	-
Product Code	-	KLED12CRD/4P-W40	-
Voltage	-	220-240Vac 50-60Hz	-
Nominal Power (W)	-	12	-
Current (mA)	-	98	-
CE Mark	-	Yes	-
WEEE Mark	-	Yes	-
Batch Code	-	Yes	-

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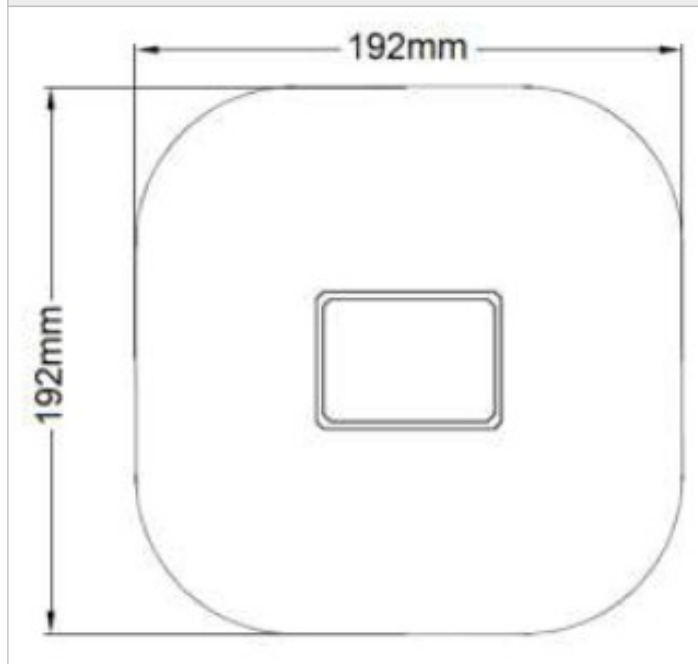
Energy Label

	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
Manufacturer	-	Kosnic	-
Product Code	-	KLED12CRD/4P-W40	-
Energy Class	-	A+	-
Energy Consumption (kWh/1000h)	-	12	-

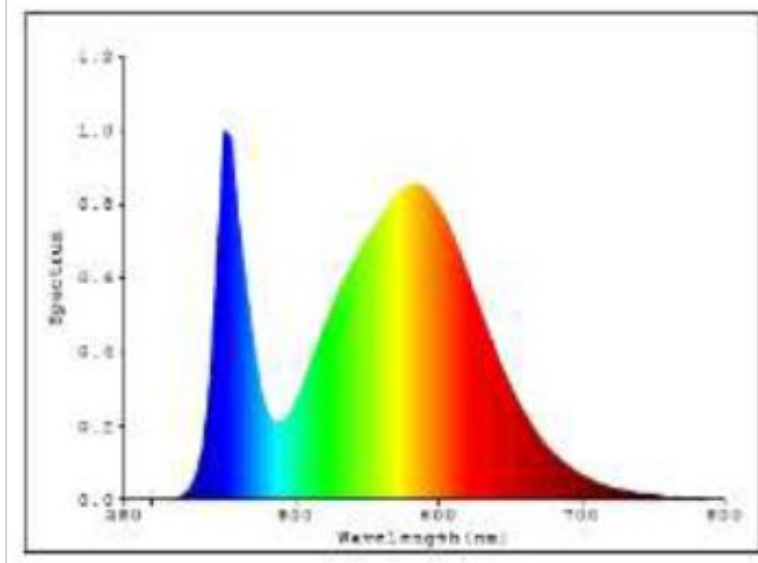
Packaging

	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
UPC Code	-	0609207987857	-
Outer Box Length (mm)	-	460	-
Outer Box Width (mm)	-	420	-
Outer Box Height (mm)	-	280	-
Volume	-	0.054096	-
Box Quantity	-	20	-
Outer Box Weight/kg	-	7	-

KLED12CRD/4P-W27
KLED12CRD/4P-W40
KLED12CRD/4P-W65



KLED12CRD/4P-W40



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