



## 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
<b>Fitting</b>	GR10q	GR10q	GR10q
<b>Shape / Type</b>	DD	DD	DD
<b>Colour Finish</b>	White	White	White
<b>Nominal Power (W)</b>	12	12	12
<b>Total Lumens (lm)</b>	1200	1300	1200
<b>Input Current (mA)</b>	59	59	59
<b>Input Voltage</b>	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
<b>CCT Temperature (k)</b>	2700	4000	6500
<b>CCT Name</b>	Warm White	Cool White	Day Light
<b>Rated Life (hrs)</b>	30000	30000	30000
<b>Nominal Lifetime (hrs)</b>	30000	30000	30000
<b>Switch Cycles</b>	50000	50000	50000
<b>Peak Candelas (cd)</b>	410	440	410
<b>CRI</b>	81	83	83
<b>Dimmable</b>	10% Standby Option	10% Standby Option	10% Standby Option
<b>Emergency</b>	Compatible	Compatible	Compatible
<b>Microwave Sensor</b>	Yes	Yes	Yes
<b>Retrofit</b>	Yes	Yes	Yes
<b>Power Factor</b>	0.88	0.88	0.88
<b>Standby Power (W)</b>	1.2	1.2	1.2
<b>Start Time (s)</b>	0.39	0.39	0.39
<b>Warm-up Time (s)</b>	Instant full light	Instant full light	Instant full light
<b>Length (mm)</b>	192	192	192
<b>Width (mm)</b>	192	192	192

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<b>Mercury (mg)</b>	0	0	0
<b>Clean-up instructions</b>	N/A	N/A	N/A
<b>Rated Power (W)</b>	12.0	12.0	12.0
<b>Rated Luminous Flux (lm)</b>	1200	1300	1200
<b>LMF at Lifetime</b>	0.75	0.75	0.75
<b>SDCM of CCT</b>	<6	<6	<6
<b>Ambient Temperature (°C)</b>	-20 to 40	-20 to 40	-20 to 40
<b>Compatible Emergency Module</b>	KTC27EME-DD	KTC27EME-DD	KTC27EME-DD
<b>Emergency Luminous Flux</b>	217	217	217
<b>Detection Range (m)</b>	1-8	1-8	1-8
<b>Detection Angle (°)</b>	360	360	360
<b>Operation Time</b>	8sec-30min	8sec-30min	8sec-30min
<b>Ambient Light Threshold (lux)</b>	10-2000	10-2000	10-2000
<b>HF System (GHz)</b>	5.8	5.8	5.8
<b>Sensor Output (mW)</b>	<0.2	<0.2	<0.2
<b>Barcode</b>	5060063422312	-	5060063422329

## Product Markings

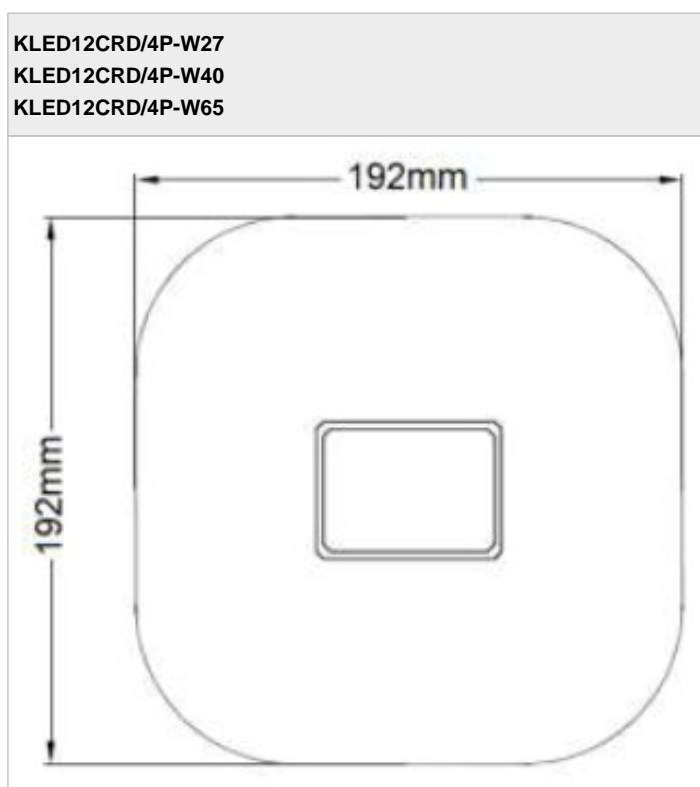
	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
<b>Manufacturer</b>	Kosnic	Kosnic	Kosnic
<b>Product Code</b>	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
<b>Voltage</b>	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
<b>Nominal Power (W)</b>	12	12	12
<b>Current (mA)</b>	59	59	59
<b>CE Mark</b>	Yes	Yes	Yes
<b>WEEE Mark</b>	Yes	Yes	Yes
<b>Batch Code</b>	Yes	Yes	Yes

## Energy Label

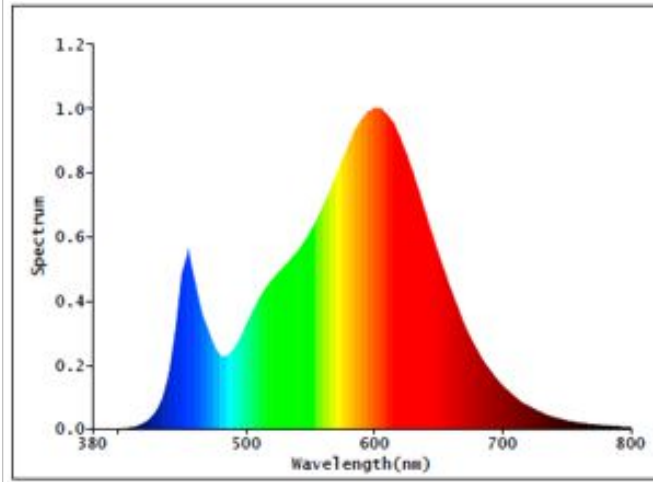
	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
<b>Manufacturer</b>	Kosnic	Kosnic	Kosnic
<b>Product Code</b>	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
<b>Energy Class</b>	A+	A+	A+
<b>Energy Consumption (kWh/1000h)</b>	12	12	12

# Packaging

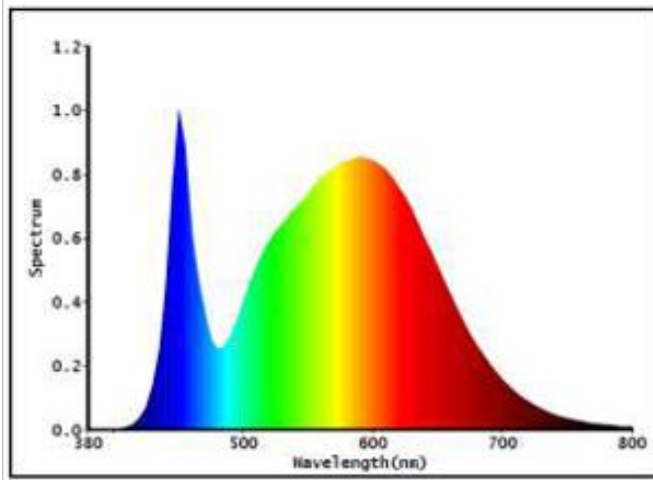
	KLED12CRD/4P-W27	KLED12CRD/4P-W40	KLED12CRD/4P-W65
<b>Outer Box Length (mm)</b>	460	460	460
<b>Outer Box Width (mm)</b>	420	420	420
<b>Outer Box Height (mm)</b>	280	280	280
<b>Volume</b>	0.054096	0.054096	0.054096
<b>Box Quantity</b>	20	20	20
<b>Outer Box Weight (kg)</b>	7	7	7



**KLED12CRD/4P-W27**



**KLED12CRD/4P-W40**



**KLED12CRD/4P-W65**

