



KLED18CRD

18w 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

KLED18CRD/4P-W40	
Fitting	4-Pin (GR10q)
Shape / Type	DD
Colour Finish	White
Wattage (w)	18
Total Lumens (lm)	1600
Input Current (mA)	147
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)	530
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

Rated Power (W)	18.00
Rated Luminous Flux (lm)	1600
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

	KLED18CRD/4P-W40
Manufacturer	Kosnic
Product Code	KLED18CRD/4P-W40
Voltage	220-240Vac 50-60Hz
Nominal Power (W)	18
Current (mA)	147
CE Mark	Yes
WEEE Mark	Yes
Batch Code	Yes

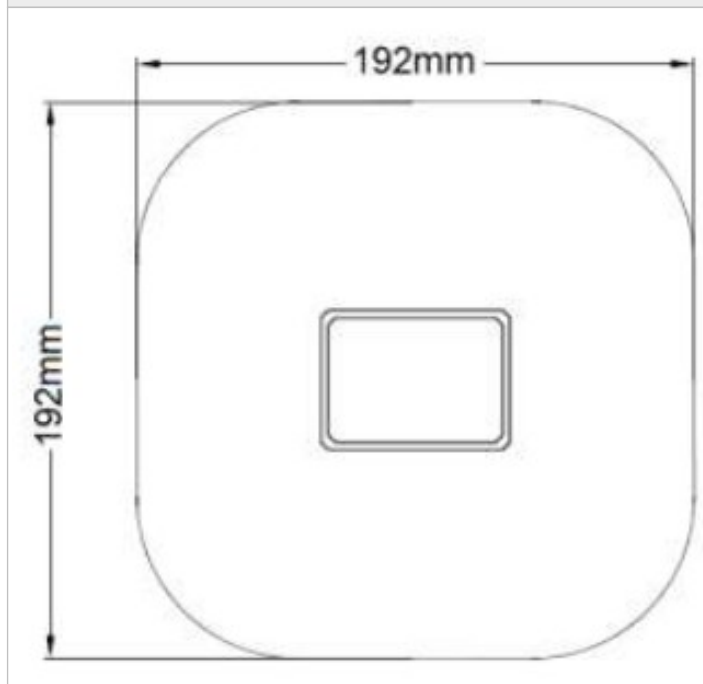
Energy Label

KLED18CRD/4P-W40	
Manufacturer	Kosnic
Product Code	KLED18CRD/4P-W40
Energy Class	A+
Energy Consumption (kWh/1000h)	18

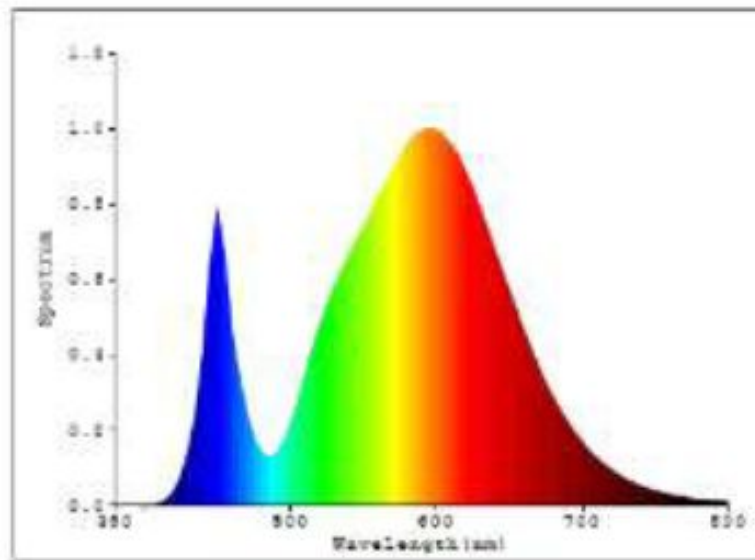
Packaging

KLED18CRD/4P-W40	
UPC Code	0609207987864
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

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