Datasheet

DD Standard II

DD Standard II 18W LED DD Lamp, 4pin, 30000hrs, Switchable CCT

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.

DD18/4P-SCT ()

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Leading designers, manufacturers and established experts in LED technology

Kosnic Lighting Ltd - Unit D2, Kennetside, Bone Lane, Newbury, RG14 5PX, UK
Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

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Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	83
Rated Power (W)	18
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (2700, 6500)
Total Luminous Flux (lm)	2400 (2100, 2100)
Nominal Lifetime (h)	30000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	42000
Blue Light Hazard	RG1
Glow wire temperature(℃)	650
Power Factor	0.94
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.15

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	GR10q
Mains / Non-Mains (MLS/NMLS)	MLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	18
Energy Efficiency Class	E
Useful Luminous Flux (lm)	2400 (2210, 2210)

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Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (2700, 6500)
On-Mode Power (Pon) (W)	18
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	33
Width (mm)	192
Depth (mm)	192
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.383 (0.463, 0.308)
Chromaticity Co-Ordinates (Y)	0.371 (0.416, 0.33)
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.94
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.1
Storboscopic effect metric (SVM) (x,x)	0.1

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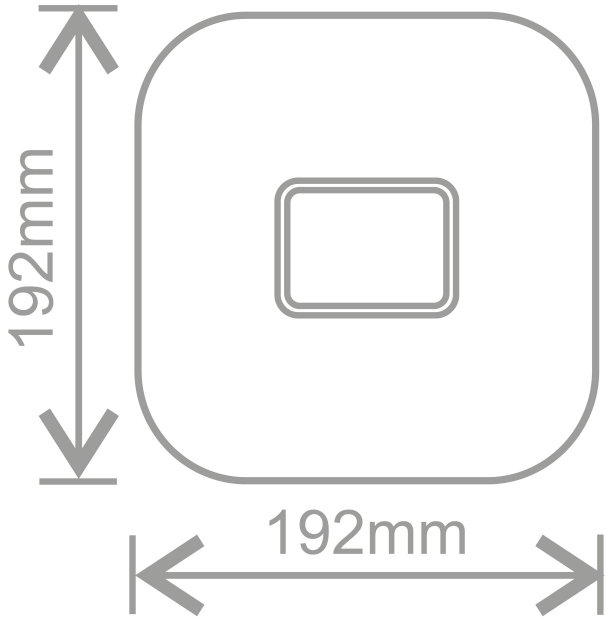
Technical Drawings



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