Datasheet

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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

DD Dusk to Dawn II

DD Dusk to Dawn II LED DD Lamp, 4pin, Switchable CCT

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.

DD12DTD/4P-SCT ()

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Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	56
Rated Power (W)	12
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (2700, 6500)
Total Luminous Flux (lm)	1380 (1330, 1330)
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)	12
Energy Efficiency Class	E
Useful Luminous Flux (lm)	1380 (1330, 1330)

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Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (2700, 6500)
On-Mode Power (Pon) (W)	12
Standby Power (Psb) (W)	0.5
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)	0.38 (0.463, 0.308)
Chromaticity Co-Ordinates (Y)	0.369 (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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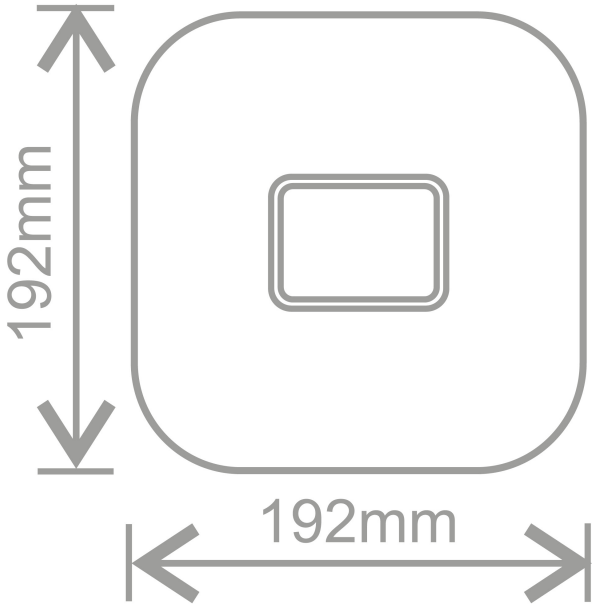
Technical Drawings



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