



DD Dimmable II

DD Dimmable II LED DD Lamp, 4pin 30000hrs, Switchable CCT

Kosnic's Dimmable LED DD lamps take a fresh approach to functional lighting bringing dimmable energy saving LED technology in a DD lamp format. With the addition of the plug and play emergency pack the Kosnic LED DD lamps offer a highly functional alternative to fluorescent DD lamps. This dimmable version of Kosnic's LED DD lamp cannot be used in luminaires with control gear. While there are versions for 4-pin lamp holders, the mains supply must come directly from the switch without passing through magnetic or electronic control gear.

DD12DIM/4P-SCT ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	54
Rated Power (W)	12
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (2700, 6500)
Total Luminous Flux (lm)	1480 (1430, 1430)
Nominal Lifetime (h)	30000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	42000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.97
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.2

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)	Y
Energy Consumption in on-mode (kWh/1000H)	12
Energy Efficiency Class	E
Useful Luminous Flux (lm)	1480 (1430, 1430)

Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (2700, 6500)
On-Mode Power (Pon) (W)	12
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)	0.378 (0.463, 0.308)
Chromaticity Co-Ordinates (Y)	0.367 (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 fluorescent without 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)	0.2
Stroboscopic effect metric (SVM) (x,x)	0.1

Technical Drawings

