



G9, G4, GY6.35

3.5W Dimmable LED G9 Capsule 3000K

Kosnic's range of LED products brings the energy saving capabilities of LED technology to the home. The Dimmable LED G9 offers lamps that deliver huge energy savings over filament lamps without compromising on brightness and function. The lamps have been tested to dim smoothly across a range of dimmer switches and can quickly replace filament lamps in general lighting applications, and once in place rapid payback is achieved.

KDIM3.5CPL/G9-N30 ()

Specification

Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	17
Rated Power (W)	3.5
CCT Words	Warm White
CCT (K)	3000
L70B50 Lifetime (h)	20000
Total Luminous Flux (lm)	360
Power Factor	0.9
Blue Light Hazard	RG1
Glow wire temperature(°C)	650°C
Dimensions L x W x D (mm)	50* ϕ 17mm
Weight (kg)	13
In-rush current (peak/duration) (A)	1.35A/15.6ms
Ambient Temperature Range (°C)	-20 to 40
Depth (mm)	17

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	G9
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)	4
Energy Efficiency Class (NEW FORMULA)	F
Useful Luminous Flux (lm)	360

Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	3000
On-Mode Power (Pon) (W)	3.5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	50
Width (mm)	17
Depth (mm)	17
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	35
Chromaticity Co-Ordinates (X)	0.4397
Chromaticity Co-Ordinates (Y)	0.4006
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
R9 CRI (LED/OLED)	9
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.9
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)	0.014
Stroboscopic effect metric (SVM) (x,x)	0.035

Technical Drawings

