

Filament

4.5W GLS, Traditional glass light bulb with LED filament

The Kosnic Dimmable LED Filament GLS lamp has a traditional appearance and gives an even spread of light in all directions. It is also highly functional and efficient, up to 104lm/W, giving a quality of light that creates inviting living spaces while offering huge energy savings over filament lamps without compromising on brightness. The lamps can quickly replace filament products in domestic and hospitality lighting applications, and once in place rapid payback is achieved.

KDFL4.5GLS/E27-CLR-N27 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	36
Rated Power (W)	4.5
CCT Words	Warm White
CCT (K)	2700
Total Luminous Flux (lm)	470
Nominal Lifetime (h)	15000
Blue Light Hazard	RG1
Power Factor	0.55
Ambient Temperature Range (°C)	-20 to 40

Light Source Specification

Lighting Technology used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	E27
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)	5
Energy Efficiency Class	F
Useful Luminous Flux (lm)	470
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	2700
On-Mode Power (Pon) (W)	4.5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A

CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	99
Width (mm)	55
Depth (mm)	55
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	40
Chromaticity Co-Ordinates (X)	0.466
Chromaticity Co-Ordinates (Y)	0.417
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)	0.93
Displacement Factor	0.8
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)	0.1
Stroboscopic effect metric (SVM) (x,x)	0.1

Technical Drawings

