



GLS

18W Non-Dimmable High efficiency LED GLS Lamp

Kosnic's Home range of LED products brings the energy saving capabilities of LED technology to the home. The range is both beautiful and functional while offering lamps that deliver huge energy savings over filament lamps without compromising on brightness. The lamps can quickly replace filament products in general lighting applications, and once in place rapid payback is achieved.

KTC18GLS/E27-N40 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	142
Rated Power (W)	18
CCT Words	Cool White
CCT (K)	4000
Ambient Temperature Range (°C)	-20 to 40
Dimensions L x W x D (mm)	133* ϕ 70mm
Weight (kg)	0.088
Total Luminous Flux (lm)	2000
Nominal Lifetime (h)	15000
Power Factor	0.55
Blue Light Hazard	RG1
Glow wire temperature(°C)	650

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)	N
Energy Consumption in on-mode (kWh/1000H)	18
Energy Efficiency Class	E
Useful Luminous Flux (lm)	2000
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000

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)	133
Width (mm)	70
Depth (mm)	70
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	126
Chromaticity Co-Ordinates (X)	0.375
Chromaticity Co-Ordinates (Y)	0.376
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	0.8
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)	0.02

Technical Drawings

