



GLS

10w High efficiency Dim to Warm LED GLS Lamps

The Kosnic Dim to Warm lamps are perfect for home and hospitality settings where a warmer colour light is desired as the output dims. As the lamp output reduces the CCT changes from 2700K to 2000K to create a very warm atmosphere. The lamps are a direct retrofit for standard GLS filament lamps and deliver the same aesthetics and ambient light as halogen, while allowing the customer to significantly reduce energy costs. Perfect for hospitality settings such as restaurants, bars and hotels where ambience is an essential factor.

KDTW10GLS/B22-N27 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	72
Rated Power (W)	10
CCT Words	Warm White
CCT (K)	2700-2000
Total Luminous Flux (lm)	920
Nominal Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.6
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.086

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	B22
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)	10
Energy Efficiency Class	F
Useful Luminous Flux (lm)	920
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	2700-2000
On-Mode Power (Pon) (W)	10

Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	119
Width (mm)	60
Depth (mm)	60
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	67
Chromaticity Co-Ordinates (X)	0.463
Chromaticity Co-Ordinates (Y)	0.42
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 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

