



Tec II

Tec II 5.5 Retrofit LED GU10 range with dim to warm option

The Kosnic Dim to Warm lamps are perfect for home and hospitality settings where a warmer colour light is desired as the output dims. With the additional Dim to Warm circuit, the lamps dim smoothly from 3000K to 2000K, simulating the CCT shifting of traditional tungsten halogen Lamps. The lamps are a direct retrofit for standard halogen GU10 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.

KTEC5.5DTW/GU10-S30 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	30
Rated Power (W)	5.5
CCT Words	Dim to Warm
CCT (K)	3000-2000
Total Luminous Flux (lm)	400
Nominal Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.8
Dimensions (L x W x D) (mm)	53*φ50mm
Ambient Temperature Range (°C)	-60
Weight (kg)	0.065

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	GU10
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)	6
Energy Efficiency Class	G
Useful Luminous Flux (lm)	340
Beam Angle correspondence (in 360°/120°/90°)	in 90°
CCT	3000-2000

On-Mode Power (Pon) (W)	5.5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	53
Width (mm)	50
Depth (mm)	50
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	50
Chromaticity Co-Ordinates (X)	0.4433
Chromaticity Co-Ordinates (Y)	0.4066
Peak Luminous Intensity (DLS) (cd)	500
Beam Angle (DLS)	38
Beam Angle (min)(DLS)	34
Beam Angle (max) (DLS)	42
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.93
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)	0.01
Stroboscopic effect metric (SVM) (x,x)	0.01

Technical Drawings

