



Tec II

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

The Kosnic dimmable GU10 lamps are perfect for home and hospitality settings. 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.

KTEC5.5DIM/GU10-F40 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	28
Rated Power (W)	5.5
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	450
Nominal Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.85
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)	390
Beam Angle correspondence (in 360°/120°/90°)	in 90°
CCT	4000

On-Mode Power (Pon) (W)	5.5
Standby Power (Psb) (W)	0
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)	57
Chromaticity Co-Ordinates (X)	0.3875
Chromaticity Co-Ordinates (Y)	0.3834
Peak Luminous Intensity (DLS) (cd)	350
Beam Angle (DLS)	60
Beam Angle (min)(DLS)	57
Beam Angle (max) (DLS)	63
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
Flicker metric (pst LM) (x,x)	0.01
Storoscopic effect metric (SVM) (x,x)	0.01

Technical Drawings

