



Tec Pro

Premium dimmable LED GU10 with CRI > 90

The Kosnic Tec Pro 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.

TECP07DIM/GU10-F50 ()

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	35
Rated Power (W)	7
CCT Words	Day Light
CCT (K)	5000
Total Luminous Flux (lm)	610
Nominal Lifetime (h)	25000
L70B50 Lifetime (h)	25000
L80B10 Lifetime (h)	25000
L90 Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.86
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.064
In-rush current (peak/duration) (A)	12A/10µs

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)	7
Energy Efficiency Class	F

Useful Luminous Flux (lm)	540
Beam Angle correspondence (in 360°/120°/90°)	in 90°
CCT	5000
On-Mode Power (Pon) (W)	7
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	95
CRI (min)	92
CRI (max)	98
Height (mm)	57
Width (mm)	50
Depth (mm)	50
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	77
Chromaticity Co-Ordinates (X)	0.351
Chromaticity Co-Ordinates (Y)	0.362
Peak Luminous Intensity (DLS) (cd)	580
Beam Angle (DLS)	60
Beam Angle (min)(DLS)	54
Beam Angle (max) (DLS)	66
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.95
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)	0.1
Storoscopic effect metric (SVM) (x,x)	0.1

Technical Drawings

