



## 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-S40 ()**

## 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      |
| 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)                                                                                          | 57     |
| Chromaticity Co-Ordinates (X)                                                                                 | 0.3875 |
| Chromaticity Co-Ordinates (Y)                                                                                 | 0.3834 |
| 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

