



## Filament

### 4.5W Globe, Traditional glass light bulb with LED filament

The Kosnic Dimmable LED Filament lamp has a traditional appearance and gives an even spread of light in all directions. It is also highly functional and efficient, up to 104lm/W, giving a quality of light that creates inviting living spaces while offering huge energy savings over filament lamps without compromising on brightness. The lamps can quickly replace filament products in domestic and hospitality lighting applications, and once in place rapid payback is achieved.

**KDFL4.5GLB/B22-CLR-N27 ()**

## Specification

|                                |                    |
|--------------------------------|--------------------|
| Voltage                        | 220-240Vac 50/60Hz |
| Current (mA)                   | 36                 |
| Rated Power (W)                | 4.5                |
| CCT Words                      | Warm White         |
| CCT (K)                        | 2700               |
| Total Luminous Flux (lm)       | 470                |
| Nominal Lifetime (h)           | 15000              |
| Blue Light Hazard              | RG1                |
| Power Factor                   | 0.55               |
| Ambient Temperature Range (°C) | -20 to 40          |

## 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)    | 5       |
| Energy Efficiency Class                      | F       |
| Useful Luminous Flux (lm)                    | 470     |
| Beam Angle correspondence (in 360°/120°/90°) | in 360° |
| CCT                                          | 2700    |
| On-Mode Power (Pon) (W)                      | 4.5     |
| Standby Power (Psb) (W)                      | 0       |
| Networked Standby Power (Pnet) (W)           | N/A     |

|                                                                                                               |       |
|---------------------------------------------------------------------------------------------------------------|-------|
| CRI                                                                                                           | 82    |
| CRI (min)                                                                                                     | 80    |
| CRI (max)                                                                                                     | 84    |
| Height (mm)                                                                                                   | 73    |
| Width (mm)                                                                                                    | 125   |
| Depth (mm)                                                                                                    | 125   |
| Claim of Equivalent Power? (Y/N)                                                                              | Y     |
| Equivalent Power (W)                                                                                          | 40    |
| Chromaticity Co-Ordinates (X)                                                                                 | 0.466 |
| Chromaticity Co-Ordinates (Y)                                                                                 | 0.417 |
| 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)                                                                               | 0.93  |
| 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

