



## G9, G4, GY6.35

### 3.5W Dimmable LED G9 Capsule 6500K

Kosnic's range of LED products brings the energy saving capabilities of LED technology to the home. The Dimmable LED G9 offers lamps that deliver huge energy savings over filament lamps without compromising on brightness and function. The lamps have been tested to dim smoothly across a range of dimmer switches and can quickly replace filament lamps in general lighting applications, and once in place rapid payback is achieved.

**KDIM3.5CPL/G9-N65 ()**

## Specification

|                                     |                    |
|-------------------------------------|--------------------|
| Voltage                             | 220-240Vac 50/60Hz |
| Current (mA)                        | 17                 |
| Rated Power (W)                     | 3.5                |
| CCT Words                           | Day Light          |
| CCT (K)                             | 6500               |
| Total Luminous Flux (lm)            | 400                |
| L70B50 Lifetime (h)                 | 20000              |
| Blue Light Hazard                   | RG1                |
| Glow wire temperature(°C)           | 650°C              |
| Power Factor                        | 0.9                |
| Ambient Temperature Range (°C)      | -20 to 40          |
| Weight (kg)                         | 13                 |
| In-rush current (peak/duration) (A) | 1.35A/15.6ns       |

## Light Source Specification

|                                              |         |
|----------------------------------------------|---------|
| Lighting Technology Used                     | LED     |
| Directional / Non Directional (DLS/NDLS)     | NDLS    |
| Light Source Cap Type (or other interface)   | G9      |
| 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)    | 4       |
| Energy Efficiency Class                      | E       |
| Useful Luminous Flux (lm)                    | 400     |
| Beam Angle correspondence (in 360°/120°/90°) | in 360° |
| CCT                                          | 6500    |

|                                                                                                               |        |
|---------------------------------------------------------------------------------------------------------------|--------|
| On-Mode Power (Pon) (W)                                                                                       | 3.5    |
| Standby Power (Psb) (W)                                                                                       | 0      |
| Networked Standby Power (Pnet) (W)                                                                            | N/A    |
| CRI                                                                                                           | 82     |
| CRI (min)                                                                                                     | 80     |
| CRI (max)                                                                                                     | 84     |
| Height (mm)                                                                                                   | 50     |
| Width (mm)                                                                                                    | 17     |
| Depth (mm)                                                                                                    | 17     |
| Claim of Equivalent Power? (Y/N)                                                                              | Y      |
| Equivalent Power (W)                                                                                          | 35     |
| Chromaticity Co-Ordinates (X)                                                                                 | 0.3133 |
| Chromaticity Co-Ordinates (Y)                                                                                 | 0.3308 |
| 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)                                                                               | 0.96   |
| 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)                                                                                 | 0.014  |
| Stroboscopic effect metric (SVM) (x,x)                                                                        | 0.035  |

## Technical Drawings

