



## DD Sensor II

### DD Sensor II 18W LED DD with integrated motion and light sensor

Kosnic's range of LED DD lamps takes a fresh approach to functional lighting with a design philosophy offering plug-in emergency packs and microwave sensors so that there are no barriers to retrofitting LEDs in commercial fittings. The products bring the energy saving capabilities of LED technology to the commercial environment and the lamps can quickly replace fluorescent DD lamps with little or no rewiring.

#### DD18CRD/4P-SCT ( )

## Specification

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Voltage                           | 220-240Vac 50/60Hz                 |
| Current (mA)                      | 91                                 |
| Rated Power (W)                   | 18                                 |
| CCT Words                         | Cool White (Warm White, Day Light) |
| CCT (K)                           | 4000 (2700, 6500)                  |
| Total Luminous Flux (lm)          | 2200 (2100, 2100)                  |
| Nominal Lifetime (h)              | 30000                              |
| L70B50 Lifetime (h)               | 54000                              |
| L80B10 Lifetime (h)               | 54000                              |
| L90 Lifetime (h)                  | 42000                              |
| Blue Light Hazard                 | RG1                                |
| Glow wire temperature(°C)         | 650                                |
| Power Factor                      | 0.86                               |
| Ambient Temperature Range (°C)    | -20 to 40                          |
| Weight (kg)                       | 0.2                                |
| Displacement Factor               | 0.94                               |
| High Luminance Light Source (Y/N) | N                                  |
| On-Site Warranty                  | 3 Years                            |
| Useful Luminous Flux (lm)         | 2200 (2100, 2100)                  |

## Light Source Specification

|  |       |
|--|-------|
| Lighting Technology Used                   | LED   |
| Directional / Non Directional (DLS/NDLS)   | NDLS  |
| Light Source Cap Type (or other interface) | GR10q |
| 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)  | N                    |
| Energy Consumption in on-mode (kWh/1000H)   | 18                   |
| Energy Efficiency Class   | E                    |
| Useful Luminous Flux (lm)   | 2200 (2100, 2100)    |
| Beam Angle correspondence (in 360°/120°/90°)  | in 360°              |
| CCT   | 4000 (2700, 6500)    |
| On-Mode Power (Pon) (W)   | 18                   |
| Standby Power (Psb) (W)   | 0.5                  |
| Networked Standby Power (Pnet) (W)  | N/A                  |
| CRI   | 82                   |
| CRI (min)   | 80                   |
| CRI (max)   | 84                   |
| Height (mm)   | 38                   |
| Width (mm)  | 192                  |
| Depth (mm)  | 192                  |
| Claim of Equivalent Power? (Y/N)  | N                    |
| Equivalent Power (W)  | N/A                  |
| Chromaticity Co-Ordinates (X)   | 0.386 (0.463, 0.308) |
| Chromaticity Co-Ordinates (Y)   | 0.373 (0.416, 0.33)  |
| 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   | 0.94                 |
| 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

