



## Arno

### **Arno 12W Single output thin profile interior batten with integrated LED**

The Kosnic Arno Slimline Integrated Battens utilize high performance LEDs to offer outstanding lumen efficiency within a very economic package. The battens are a low-profile design suitable for a wide range of general lighting applications from commercial premises to warehouses, factories and garages.

**ARN2FS12-W40** (06257)

## Specification

|                                     |                    |
|-------------------------------------|--------------------|
| Voltage                             | 220-240Vac 50-60Hz |
| Current (mA)                        | 57                 |
| Rated Power (W)                     | 12                 |
| CCT Words                           | Cool White         |
| CCT (K)                             | 4000               |
| Total Luminous Flux (lm)            | 1320               |
| Nominal Lifetime (h)                | 40000              |
| L70B50 Lifetime (h)                 | 60000              |
| L80B10 Lifetime (h)                 | 50000              |
| L90 Lifetime (h)                    | 40000              |
| Blue Light Hazard                   | RG1                |
| Glow wire temperature(°C)           | 650                |
| SDCM of CCT                         | <6                 |
| Flicker %                           | <2                 |
| Power Factor                        | 0.92               |
| Dimensions (L x W x D) (mm)         | 645 x 75 x 31 x    |
| Ambient Temperature Range (°C)      | -20 to 40          |
| Weight (kg)                         | 0.25               |
| In-rush current (peak/duration) (A) | 25A/110 µs         |
| Protection Rating                   | Class II           |
| IK Rating                           | IK04               |
| IP Rating                           | IP20               |

## Light Source Specification

|                                            |       |
|--------------------------------------------|-------|
| Lighting Technology Used                   | LED   |
| Directional / Non Directional (DLS/NDLS)   | NDLS  |
| Light Source Cap Type (or other interface) | Wires |
| 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)              | 12      |
| Energy Efficiency Class                                | E       |
| Useful Luminous Flux (lm)                              | 1320    |
| Beam Angle correspondence (in 360°/120°/90°)           | in 360° |
| CCT                                                    | 4000    |
| On-Mode Power (Pon) (W)                                | 12      |
| Standby Power (Psb) (W)                                | 0       |
| Networked Standby Power (Pnet) (W)                     | N/A     |
| CRI                                                    | 82      |
| CRI (min)                                              | 80      |
| CRI (max)                                              | 84      |
| Height (mm)                                            | 31      |
| Width (mm)                                             | 75      |
| Depth (mm)                                             | 645     |
| Claim of Equivalent Power? (Y/N)                       | N       |
| Equivalent Power (W)                                   | N/A     |
| Chromaticity Co-Ordinates (X)                          | 0.380   |
| Chromaticity Co-Ordinates (Y)                          | 0.375   |
| 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                                    | 0.95    |
| Colour Consistency in Mcadam Ellipses (Mains LED/OLED) | 6       |

|                                                                                                                |     |
|----------------------------------------------------------------------------------------------------------------|-----|
| LED light source replaces flourescent withouth 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)                                                                                  | 0.2 |
| Storboscopic effect metric (SVM) (x,x)                                                                         | 0.1 |

## Technical Drawings

