



## Arno Pro

### **Arno Pro 45W/60W Wattage and CCT switchable interior LED batten**

The Kosnic Arno Pro Integrated Battens utilise 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.

**ARNP6F60-SCT (06469)**

## Specification

|                                     |                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------|
| Voltage                             | 220-240Vac 50/60Hz                                                                           |
| Current (mA)                        | 275 (206)                                                                                    |
| Rated Power (W)                     | 60 (45)                                                                                      |
| CCT Words                           | Cool White (Warm White, Day Light)                                                           |
| CCT (K)                             | 4000 (3000, 6000)                                                                            |
| Total Luminous Flux (lm)            | 7800 (6000 - 45W, 3000K) (6400 - 45W 4000k/6000k)<br>(7300 - 60W, 3000k) (7800 - 60W, 6000k) |
| Nominal Lifetime (h)                | 40000                                                                                        |
| L70B50 Lifetime (h)                 | 54000                                                                                        |
| L80B10 Lifetime (h)                 | 54000                                                                                        |
| L90 Lifetime (h)                    | 34000                                                                                        |
| Blue Light Hazard                   | RG1                                                                                          |
| Glow wire temperature(°C)           | 650                                                                                          |
| Power Factor                        | 0.95                                                                                         |
| Ambient Temperature Range (°C)      | -20 to 40                                                                                    |
| Weight (kg)                         | 0.8                                                                                          |
| In-rush current (peak/duration) (A) | 6.4A / 800us                                                                                 |
| Protection Rating                   | Class II                                                                                     |
| IK Rating                           | IK08                                                                                         |
| 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)              | 60                                                                                         |
| Energy Efficiency Class                                | E                                                                                          |
| Useful Luminous Flux (lm)                              | 7800 (6000 - 45W, 3000k) (6400 - 45W, 4000k/6000k) (7300 - 60W, 3000k) (7800 - 60W, 6000k) |
| Beam Angle correspondence (in 360°/120°/90°)           | in 360°                                                                                    |
| CCT                                                    | 4000 (3000 , 6000)                                                                         |
| On-Mode Power (Pon) (W)                                | 60                                                                                         |
| Standby Power (Psb) (W)                                | 0                                                                                          |
| Networked Standby Power (Pnet) (W)                     | N/A                                                                                        |
| CRI                                                    | 82                                                                                         |
| CRI (min)                                              | 80                                                                                         |
| CRI (max)                                              | 84                                                                                         |
| Height (mm)                                            | 46                                                                                         |
| Width (mm)                                             | 71                                                                                         |
| Depth (mm)                                             | 1789                                                                                       |
| Claim of Equivalent Power? (Y/N)                       | N                                                                                          |
| Equivalent Power (W)                                   | N/A                                                                                        |
| Chromaticity Co-Ordinates (X)                          | 0.379 (0.443 - 3000k) (0.331 - 6000k)                                                      |
| Chromaticity Co-Ordinates (Y)                          | 0.369 (0.403 - 3000k, 0.345 - 6000k)                                                       |
| 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 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 |
|-------------------------------|-----|

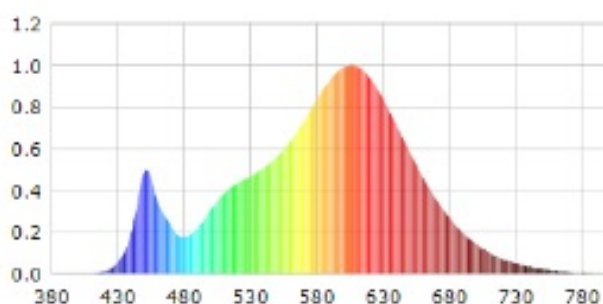
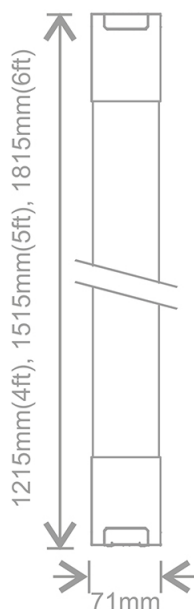
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|----------------------------------------|-----|
| Stroboscopic effect metric (SVM) (x,x) | 0.1 |
|----------------------------------------|-----|

## Optional Gears and Accessories

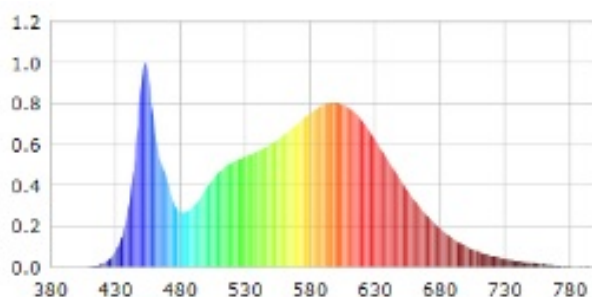
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| Optional Gears 1 | KBTNLS1-MWS2 |
|------------------|--------------|

|               |                      |
|---------------|----------------------|
| Accessories 1 | Suspension Kit SUS02 |
|---------------|----------------------|

## Technical Drawings



3000k



4000k