



Avon III

Avon III 5ft Twin Non-corrosive integrated linear LED luminaire

The Kosnic Avon III non-corrosive LED battens are wattage switchable with a unique lens to enhance light output and use high performance LEDs to offer outstanding lumen efficiency. The battens are suitable for a wide range of indoor and outdoor applications including warehouses, factories and garages. The product range is also available with a built-in emergency and/or sensor module.

AVO5FT60-W40 (06319)

Specification

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|-------------------------------------|-------------------------|
| Voltage | 220-240Vac 50/60Hz |
| Current (mA) | 251 (164, 213, 290) |
| Rated Power (W) | 52 (34, 44, 60) |
| CCT Words | Cool White |
| CCT (K) | 4000 |
| Total Luminous Flux (lm) | 6800 (4700, 5800, 7750) |
| Nominal Lifetime (h) | 40000 |
| L70B50 Lifetime (h) | 54000 |
| L90 Lifetime (h) | 51000 |
| Blue Light Hazard | RG1 |
| Glow wire temperature(°C) | 650 |
| Power Factor | 0.9 |
| Ambient Temperature Range (°C) | -20 to 40 |
| Weight (kg) | 2.15 |
| In-rush current (peak/duration) (A) | 18A/40 µs |
| Protection Rating | Class I |
| IK Rating | IK08 |
| IP Rating | IP65 |
| Emergency Luminous Flux (lm) | 350 |
| On-Site Warranty | 2 Years |

Light Source Specification

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|--|-----------|
| Lighting Technology Used | LED |
| Directional / Non Directional (DLS/NDLS) | NDLS |
| Light Source Cap Type (or other interface) | Connector |
| Mains / Non-Mains (MLS/NMLS) | NMLS |
| 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) | 50 |
| Energy Efficiency Class | D |
| Useful Luminous Flux (lm) | 7550 |
| Beam Angle correspondence (in 360°/120°/90°) | in 360° |
| CCT | 4000 |
| On-Mode Power (Pon) (W) | 49.5 |
| Standby Power (Psb) (W) | 0 |
| Networked Standby Power (Pnet) (W) | N/A |
| CRI | 82 |
| CRI (min) | 80 |
| CRI (max) | 84 |
| Height (mm) | 8 |
| Width (mm) | 93 |
| Depth (mm) | 1463 |
| Claim of Equivalent Power? (Y/N) | N |
| Equivalent Power (W) | N/A |
| Chromaticity Co-Ordinates (X) | 0.378 |
| Chromaticity Co-Ordinates (Y) | 0.379 |
| 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 | N/A |
| Colour Consistency in Mcadam Ellipses (Mains LED/OLED) | N/A |
| LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N) | N/A |
| Replacement W Claim (Mains LED/OLED) (W) | N/A |

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|--|--------------|
| Flicker metric (pst LM) (x,x) | N/A |
| Stroboscopic effect metric (SVM) (x,x) | N/A |
| Light Source Supply | 165Vdc 300mA |

Technical Drawings

