# ARGOPLUS-1200-SEN-LPPOD-HV

Argonaut Plus 1200mm Weatherproof Emergency Batten, LP with POD, Switchable Colour, Motion Sensor, Zoneworks HIVE



| PRODUCT INFORMATION | |
|---|---|
| **Product Code** | ARGOPLUS-1200-SEN-LPPOD-HV |
| **MIC** | AUB02820680002 |
| **Product Description** | Argonaut Plus 1200mm Weatherproof Emergency Batten, LP with POD, Switchable Colour, Motion Sensor, Zoneworks HIVE |
| **Mounting Method** | Surface Mount/Suspension |
| **Product Construction'** | Recyclable UV Stabilised Polycarbonate (PC) Base with Stainless Steel Clips (SS304) |
| **Diffuser Material** | Recyclable UV Stabilised Polycarbonate (PC) |
| **UL Flammability Rating** | UL94 - V2 Self-extinguishing Polycarbonate (PC) |
| **Halogen Free** | Yes |
| **Dimensions L x W x H** | 1330mm x 160mm x 105mm |
| **Weight** | 3.2kg |
| **Ingress Protection (IP) Rating** | IP66 |
| **Impact Protection (IK) Rating[2]** | IK10 |
| **Operating Temperature** | 0°C to 40°C |
| **Supply Voltage** | 220-240V~ 50Hz |
| **Power Factor** | 0.91 @ default |
| **Supply Current** | 170mA +/-20mA |
| **Inrush Current (Max)** | 47.10A<800µs |
| **Earth Leakage** | 0.42mA |

| GENERAL LIGHTING - SPECIFICATION | |
|---|---|
| **Colour Temperature** | Switchable between 3000K / 4000K (Default) / 5700K |
| **Colour Rendering Index (CRI)** | ≥ 85 (4000K), >80 (3000K & 5700K) |
| **LED Colour Consistency** | 3 SDCM |
| **Short Term Light Modulation (PstLM)** | ≤ 1.0 |
| **Stroboscopic Visibility Measure (SVM)** | ≤ 0.4 |
| **Flicker Free[3]** | Yes |
| **Luminaire Output Configuration** | Fixed Single Output |
| **Total Lumen Output** | 4420 lm (132.1 lm/W) @ default (*refer to next page for details)* |
| **Power Consumption** | 33.5W@ default (*refer to next page for details)* |
| **Rated LED lifetime[4]** | L70/B50 Ta 40 °C: Reported >120,000h, Projected 225,700h<br>L80/B20 Ta 40 °C: Reported >120,000h, Projected 134,600h<br>L90/B10 Ta 40 °C: Reported 63,600h, Projected 63,600h |
| **Driver[5]** | LED Driver - Stallion Plus 40W 28-50VDC 700mA |
| **Sensor Capability** | Microwave Sensor - High/Low, On/Off |

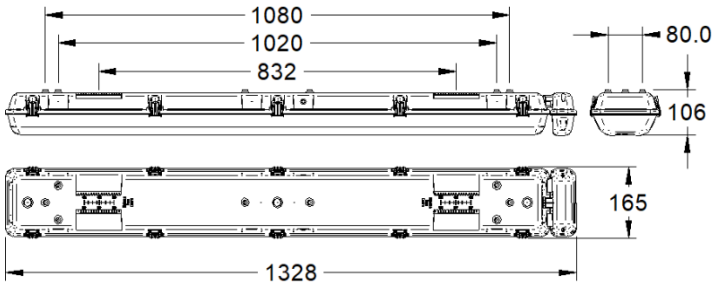
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| EMERGENCY LIGHTING - SPECIFICATION | |
|---|---|
| **Emergency Operating Mode** | Sustained |
| **Emergency Testing System** | Zoneworks HIVE (RF) |
| **Battery** | Lithium Iron Phosphate, 3.2V 6400mAh |
| **Battery Configuration** | Contained within Thermally Isolated POD for Optimum Battery Life |
| **Battery Charging Method** | Intelligent Current Limited Constant Voltage |
| **AS/NZS 2293 Classification** | C0=D80 C90=D80 |

| PRODUCT INFORMATION - COMPLIANCE | |
|---|---|
| **Green Building Schemes**[6] | Compliant with Green Star Flicker, CRI and MacAdam/SDCM Requirements |
| **Applicable Standards** | AS/NZS 3820, AS CISPR 15, AS/NZS 2293.3, AS 60598.2.22 |
| **Compliance Marking (RCM)** | |

| REPLACEMENT PARTS | |
|---|---|
| **Part Number** | **Description** |
| 133-00017 | 240V Driver |
| AUM02870110002 | Emergency Driver |
| 801-00123 | 240V LED Strip |
| 1550050 | Battery |
| 1190132 | Sensor |




| Power Consumption & Lumen Output | Output (650mA) | | | | |
|---|---|---|---|---|---|
| | **Max Charge, Lamp On** | **Standby Charge, Lamp On** | **Standby Charge, Lamp Min. 10%** | **Standby Charge, Lamp Off** | **Lumen Output** |
| 3000K | 36.9W | 34.6W | 5.5W | 0.7W | 4145 lm |
| 4000K (Default) | 35.8W | 33.5W | 5.2W | 0.7W | 4420 lm |
| 5700K | 36.7W | 34.4W | 5.4W | 0.7W | 4322 lm |

[1] All plastic materials will degrade under UV exposure over time, resulting in potential yellowing and surface degradation. UV stabilised materials are generally suited to indoor or sheltered environments with indirect UV exposure, while UL 746C – F1 rated UV resistant materials are suitable for outdoor applications with direct exposure to UV and moisture, providing enhanced resistance and reducing the rate of UV-induced ageing.
[2] When luminaire is ceiling mounted using appropriate fixings in accordance with the product instruction.
[3] An LED luminaire is considered flicker-free if the SVM value is ≤ 0.4 and PstLM value is ≤ 1.0.
[4] The projected value has been calculated by extrapolation of the LM80 data using the Energy Star Calculator.
[5] Products fitted with the Mustang Pro combo driver have two active (mains-230V) connections. All operating current is supplied via Lem (Permanent Active, unswitched) only and shall be sized accordingly. Lsw (Switched Active, control only) is a mains-voltage control line and carries no load.
[6] Designed to meet the applicable building scheme requirements at the document version date. For full details, refer to the relevant building scheme specification.

The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Please confirm the applicable Specifications at the time of placing your order.