

Next Generation

Argonaut Plus & Argonaut Pro

Weatherproof Battens



TOUGHER. HIGHER SPEC. EASIER INSTALL.



Clevertronics

Engineered for Performance Where it Matters

Completely redesigned from the ground up, the **Next Generation of Clevertronics Argonaut Plus** and **Argonaut Pro** weatherproof battens delivers enhanced durability, improved lighting performance, and faster, more efficient installation. A new case design, upgraded core specifications, and refined components combine to deliver performance where it matters most.



Tougher.

Enhanced durability for demanding environments

- **IK10 Impact Resistance (1200mm)**
- **IP66 Ingress Protection (1200mm)**
- **UV Resistant / F1 Materials (Argonaut Pro)**

Higher Spec.

Higher performance and efficacy through advanced lighting and material design

- **Flicker Free**
- **3-Step MacAdam LED Consistency**
- **>85CRI Argonaut Plus, >90CRI Argonaut Pro**
- **Up to 152 lm/W Efficacy**
- **Self-Extinguishing UL94 V-2 Rated Polycarbonate**

Easier to Install.

Faster installation through improved access, flexibility, and reduced steps

- **Redesigned Case Kit for Faster Install**
- **Multiple Conduit Entry Points – Rear, Side, Ends**
- **Integrated Diffuser and Gear Tray**
- **Large Terminal Blocks and Improved Access**

ARGONAUT+ PLUS

Meets almost all high-spec applications.



ARGONAUT PRO

For even higher spec and performance requirements.



Argonaut Plus and Argonaut Pro are available in non-emergency or LP and L10 emergency ranges, with optional Zoneworks HIVE and HIVE Combine lighting control.

Go to page 16 for range specifications.

From Redesign to Real-World Impact

Delivering better outcomes across design, installation, and ongoing operation.

The **Next Generation** of **Argonaut Plus** and **Argonaut Pro** weatherproof battens has been completely redesigned—re-engineered across the case kit, internal components, and core specifications to improve durability, lighting performance, and installation efficiency. These changes are not just incremental improvements - they redefine how the product performs across the lifecycle of a project, from design through to installation and long-term operation.

What's changed:

- Updated case kit and refined installation design
- Integrated components to reduce complexity
- Upgraded lighting and performance specifications
- Improved material selection for durability and safety

What this means for you:

- More consistent lighting performance across installations
- Greater durability in demanding environments
- Faster, more efficient installation on-site
- Improved long-term reliability and reduced maintenance



Designers



Specify with Greater Confidence

- More consistent lighting performance across projects
- Meets higher specification and compliance requirements
- Supports energy and sustainability targets

Contractors



Install faster with less complexity

- Simplified installation with fewer steps
- Greater flexibility to suit site conditions
- Reduced rework and installation time

FM's



Improve reliability and reduce maintenance

- Built for long-term durability in demanding environments
- Fewer failures and reduced maintenance interventions
- Lower lifecycle costs over the life of the building

What's improved?


IK08
Impact Rating


IK10
Impact Rating

Up to

>85 CRI

Up to

>90 CRI


IP65
Ingress Rating


IP66
Ingress Rating


MacAdams
Step


MacAdams
Step


UV
Stabilised


UV
Resistant


Flicker
Free

Performance Options Across the Range

Select the right solution based on performance requirements

Argonaut Plus and **Argonaut Pro** provide two performance levels within the range, allowing you to select the right solution based on project requirements - from general high-spec applications through to more demanding, specification-driven installations.

ARGONAUT PLUS+

Argonaut Plus

Meets almost all high-spec applications

If your project requires a batten that meets the majority of high specification requirements, such as those typically associated with Green Star building applications - Argonaut Plus provides a flexible and reliable solution.

- IK10 impact resistance (1200mm)
- IP66 ingress protection (1200mm)
- Flicker-free drivers for stable light output
- ≥ 85 CRI as standard
- 3-Step MacAdam colour consistency
- All outputs >130 lm/W
- Supports Green Star building applications

Designed to balance performance, flexibility, and efficiency across a wide range of commercial and industrial applications.





ARGONAUT PRO



Argonaut Pro

For even higher spec and performance requirements

Where projects demand higher efficacy, improved colour rendering, or enhanced specification performance, Argonaut Pro provides an upgraded solution.

- IK10 impact resistance (1200mm)
- IP66 ingress protection (1200mm)
- Flicker-free drivers for stable light output
- ≥ 90 CRI as standard
- 3-Step MacAdam colour consistency
- All outputs >150 lm/W
- Supports Green Star building applications

Ideal for projects where lighting performance, energy efficiency, and specification compliance are critical.



Built for Demanding Environments

Tougher performance through enhanced durability and environmental resistance

The **Next Generation** of **Argonaut Plus** and **Argonaut Pro** weatherproof battens has been engineered for long-term performance in demanding environments. With a redesigned enclosure and improved material selection, the range is built to withstand harsh conditions, reduce product damage, and support reliable operation over time..

Designed to withstand site conditions

- IK10 impact resistance (1200mm) protects against mechanical damage
- Robust construction reduces failure in high-traffic and vulnerable areas
- Suitable for demanding applications such as carparks and industrial environments

Advanced materials for long-term reliability

- UV stabilised polycarbonate resists degradation over time (Argonaut Plus)
- UV resistant F1 rated material performance (Argonaut Pro 1200mm) supports outdoor durability
- Improved material stability reduces cracking, discolouration, and ageing

Sealed against harsh environments

- IP66 ingress protection (1200mm) prevents dust and water ingress
- Maintains performance in exposed and challenging conditions
- Designed for internal and semi-exposed applications

Engineered to withstand physical impact, environmental exposure, and long-term use in demanding conditions





What is UL746C F1 Classification?

Materials classified to UL746C F1 demonstrate enhanced resistance to ultraviolet (UV) exposure, moisture, and outdoor environmental conditions, maintaining mechanical and electrical performance after prolonged exposure. This classification is important for luminaires installed in external or semi exposed environments, such as carparks, industrial facilities, and service areas, where long-term material stability and performance are critical.



Consistent, Highest-Quality Lighting

Higher Spec lighting performance through advanced optical and driver design

The **Next Generation** of **Argonaut Plus** and **Argonaut Pro** weatherproof battens has been re-engineered to deliver consistent, high-quality lighting performance across a wide range of applications. Upgraded drivers, improved optical control, and tighter LED binning combine to deliver stable light output, uniform colour appearance, and higher efficacy - supporting both project performance targets and specification requirements.

Consistent and reliable light output

- Flicker-free drivers support stable illumination
- Reduces visual discomfort in occupied environments
- Delivers consistent performance across the installation

Uniform colour across installations

- 3 Step MacAdam LED consistency ensures tight colour control
- Minimises visible variation between fittings

Improved colour accuracy

- >85 CRI Argonaut Plus
- >90 CRI Argonaut Pro
- Supports accurate colour representation in working environments

High efficacy performance

- Up to 152 lm/W efficacy (Argonaut Pro)
- Supports reduced energy consumption
- Contributes to project energy performance targets

Designed for specification-driven projects

- Performance aligned with consultant and project requirements
- Consistent specifications across both Argonaut Plus and Argonaut Pro
- Suitable for commercial and industrial applications





Supporting Green Star Building Applications

In Green Star-rated developments, lighting performance plays a critical role in meeting sustainability and compliance targets. The next-generation batten range has been engineered to support these requirements through upgraded core specifications delivered consistently across both Argonaut Plus and Argonaut Pro.

Both models now feature flicker-free drivers, 3-step MacAdam colour consistency, and ≥ 85 CRI as standard, providing improved lighting quality aligned with Green Star project expectations.



Improved Materials Performance

Higher Spec material selection for improved safety and compliance

The **Next Generation** of **Argonaut Plus** and **Argonaut Pro** weatherproof battens incorporates advanced material selection to support improved safety and compliance in demanding environments. Polycarbonate construction is engineered to meet recognised flammability standards while maintaining long-term durability under environmental exposure, supporting reliable performance in critical applications.

Flammability Performance

- UL94 V-2 rated polycarbonate demonstrates self-extinguishing
- Halogen Free

Designed to meet recognised standards

- Materials selected to align with recognised flammability and safety requirements
- Supports compliance across commercial and industrial installations
- Suitable for specification-driven projects

Durable under environmental exposure

- UL746C F1 UV classification supports resistance to UV, moisture, and environmental ageing
- Maintains structural and electrical integrity over time
- Suitable for semi-exposed and demanding applications

Designed for critical environments

- Suitable for car parks, industrial facilities, and service areas
- Supports applications where material performance under fault conditions is critical
- Enables safer long-term operation in demanding environments





What is UL94 V-2 Flammability Classification?

Polycarbonate materials are classified to UL94V-2, demonstrating self-extinguishing behaviour under controlled test conditions, where combustion ceases within a specified time after removal of the ignition source, with limited flame and smoke propagation.

This classification supports improved fire safety performance in luminaires and is particularly important in applications such as tunnels, car parks, industrial facilities, and service areas where material performance under fault conditions is critical.

What is Halogen Free?

Plastic formulated without halogen elements (eg. chlorine or bromine), reducing the release of toxic and corrosive fumes in a fire.



Designed for Faster Installation

Easier installation through improved access, flexibility, and reduced steps

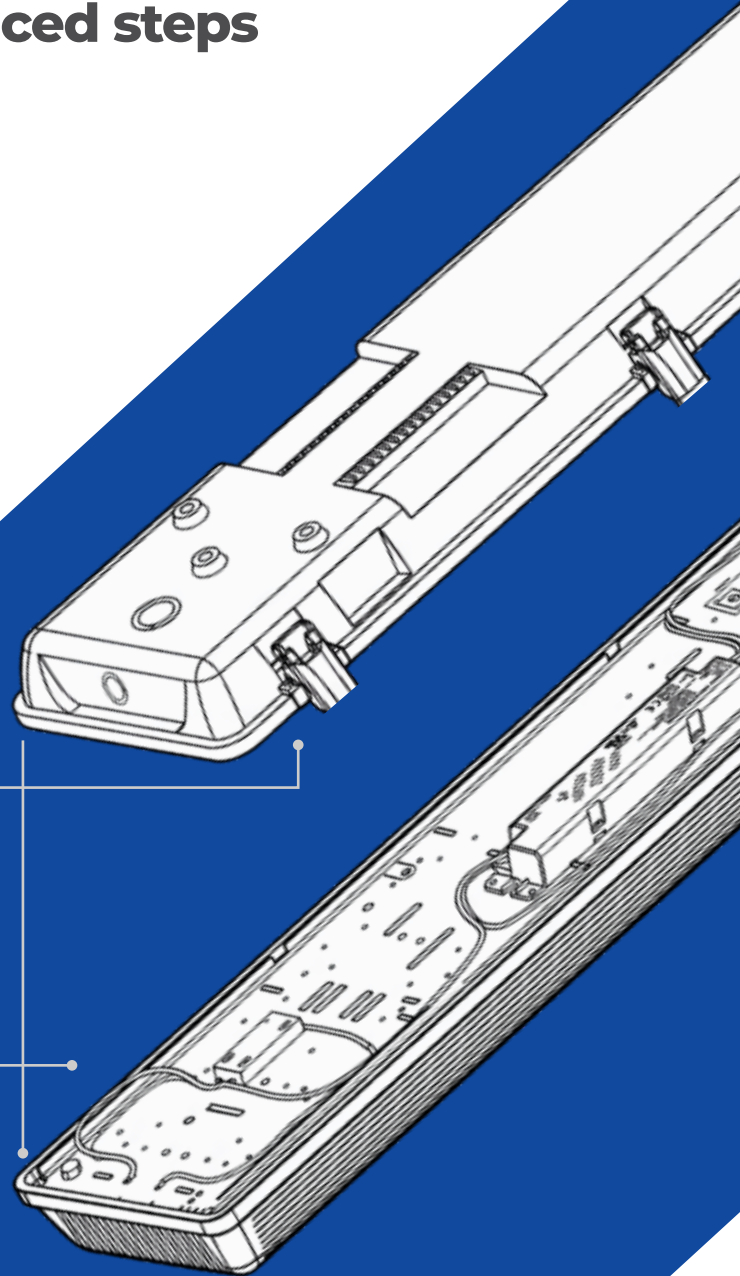
A redesigned case kit delivers greater installation flexibility—reducing time on-site, simplifying fit-off, and improving consistency across projects.

More entry points. Greater fixing tolerance. Faster installation from start to finish.



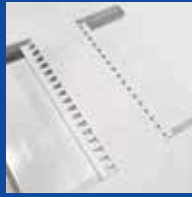
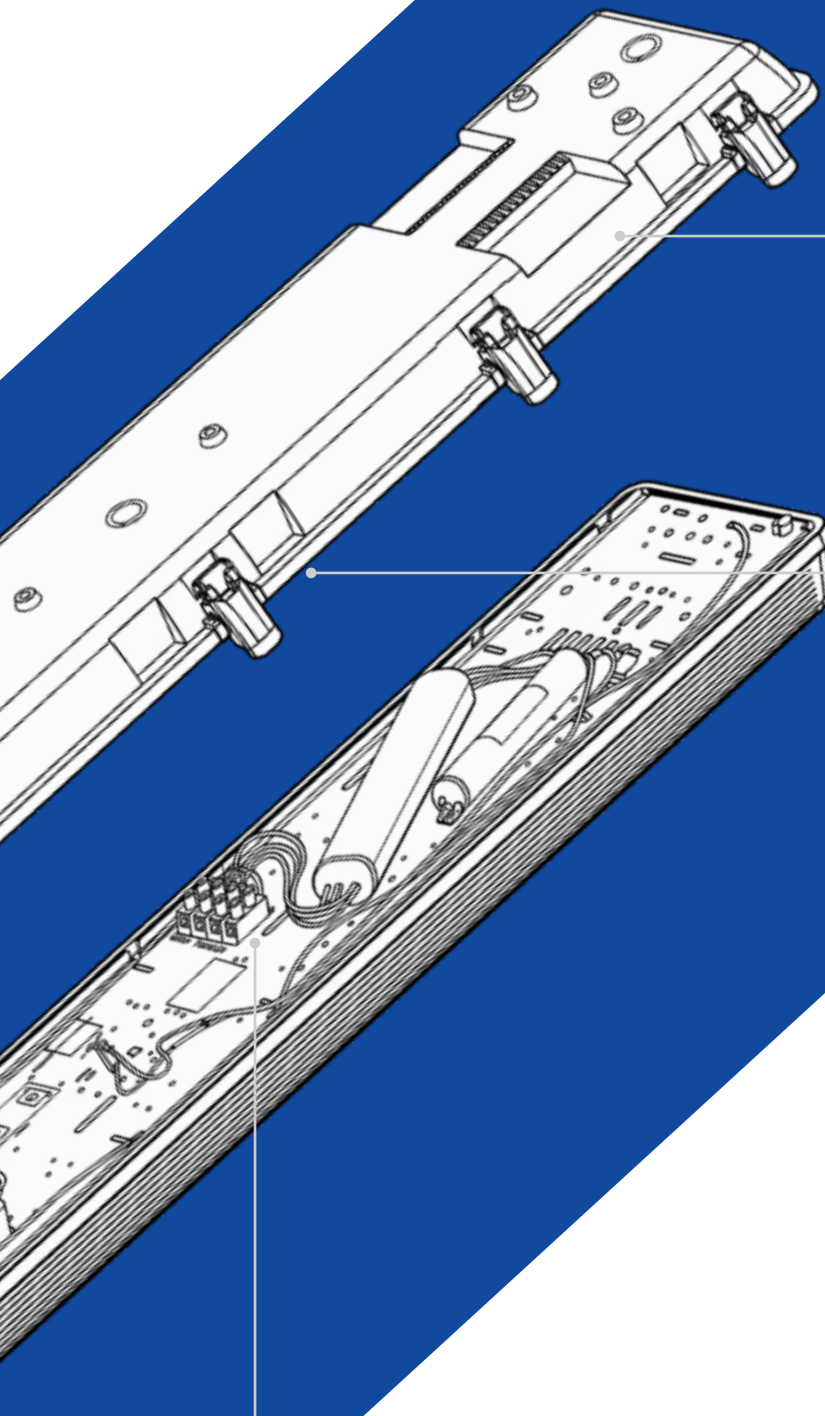
Redesigned Secure Clips

Simple, reliable closure
for fast final fit-off.



Integrated Diffuser & Gear Tray

One-piece design
reduces installation
steps and enables faster
fit-off.



Larger Mounting Rail

Improved fixing tolerance - reduces rework and installation time



Multiple Side & Rear Conduit Entry Points

Supports 20mm & 25mm Conduit for flexible cable routing.



Large Terminal Blocks

Easier cable termination and improved accessibility.

Multiple End to End Conduit EntryPoints

Supports 20mm & 25mm Conduit



Designed to streamline every stage of installation—from first fix to final fit-off.

Specifications Across the Range

ARGONAUT+ PLUS

Meets almost all high-spec applications

Length (Product Code)	Power / Lumen	Efficacy	Colour Temp	CRI	IP / IK	Sensor	Operating Mode	Zoneworks HIVE	DALI-2
600mm (ARGOPLUS-600)	20W / 2000lm	120.5lm/W	3000K/4000K /5700K	>85	IP65 / IK08	Optional	Non-EM or Emergency	Optional	Optional
1200mm (ARGOPLUS-1200)	Dual Output 20W / 2000lm 40W / 4000lm	120.5lm/W	3000K/4000K /5700K	>85	IP66 / IK10	Optional	Non-EM or Emergency	Optional	Optional
1500mm (ARGOPLUS-1500)	20W / 2000lm	120.5lm/W	3000K/4000K /5700K	>85	IP65 / IK08	Optional	Non-EM or Emergency	Optional	Optional

* Power, Lumen, & Efficacy based on non-emergency version.

ARGONAUT PRO

For even higher spec and
performance requirements

Length (Product Code)	Power / Lumen	Efficacy	Colour Temp	CRI	IP / IK	Sensor	Operating Mode	Zoneworks HIVE	DALI-2
600mm (ARGOPRO-600)	18W / 2564lm	140lm/W	4000K	>90	IP65 / IK08	Optional	Non-EM, LP EM, L10 EM	Optional	Optional
1200mm (ARGOPRO-1200)	Quad Output 42W / 6259lm 36W / 5495lm 31W / 4660lm 24W / 3541lm	149lm/W 150lm/W 152lm/W 150lm/W	4000K	>90	IP66 / IK10	Optional	Non-EM, LP EM, L10 EM	Optional	Optional
1500mm (ARGOPRO-1500)	Dual Output 58W / 8498lm 43W / 6385lm	146lm/W 149lm/W	4000K	>90	IP65 / IK08	Optional	Non-EM, LP EM, L10 EM	Optional	Optional

* Power, Lumen, & Efficacy based on non-emergency version.

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