

THORN
LIGHTING



ARROWSLIM

Flexible simplicity for modern retail lighting



**WE
MAKE
LIGHT
WORK**

SLIM, STYLISH AND AFFORDABLE

Retail environments demand lighting that is flexible, visually appealing, and easy to specify. Arrowslim is a new range of linear 3-phase track-mounted battens designed specifically for retail lighting applications, delivering premium performance at an accessible price.

Engineered to complement modern retail concepts, Arrowslim integrates seamlessly with spotlights and approved 3-phase lighting track systems, providing designers and specifiers with a versatile solution for convenience stores, value retail such as fashion and homeware stores, and general merchandising environments.

Arrowslim delivers flexible lumen packages and optics, high efficacy up to 170 lm/W and excellent colour rendering (CRI >90), truly affordable performance without compromise.



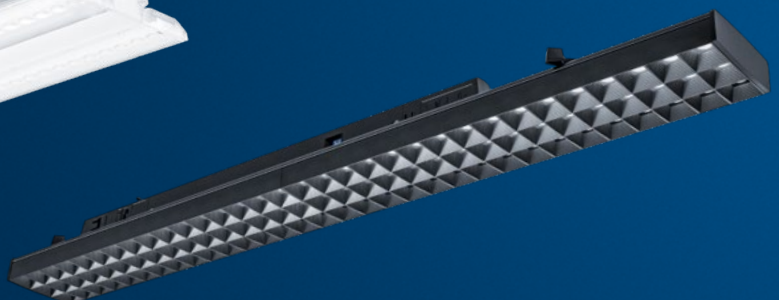
Retail



Wings adjust to 0°, 15°, or 30° for asymmetric or double asymmetric distribution



Lens tilts left, right, or down for precise light distribution





RETAIL LIGHTING IS ABOUT MORE THAN ILLUMINATION

Successful retail lighting goes beyond achieving target lux levels. It creates an environment that attracts customers, enhances merchandise presentation, and supports commercial performance.

Arrowslim has been developed around the key principles that matter most in retail environments:

PRODUCT VISIBILITY

Delivering strong vertical illumination to make products stand out, enhance shelf presentation, and improve long-range visibility.

COLOUR QUALITY

With CRI >90 as standard, this ensures merchandise appears natural, vibrant, and consistent with brand expectations. Several models also feature a CCT-switch (3000/3500/4000 K) providing flexibility in colour temperature, depending on the requirement.

VISUAL COMFORT

Carefully controlled optics help reduce glare, encouraging shoppers to spend more time in-store. The cellular lens is particularly suitable, achieving UGR<19.

ENERGY EFFICIENCY

High efficacy of up to 170 lumens per watt and future-ready controls compatibility support lower operating costs and sustainable operation.



Selectable wattage via DIP switch. All variants offer 4-in-1 lumen output switching, allowing greater flexibility from a single batten length.



Selectable L1/L2/L3 allows Arrowslim on 3-phase track to be assigned to one of three independent circuits, enabling load balancing, easier future lighting changes and lower installation costs without additional wiring.

FLEXIBLE OPTICS FOR DIFFERENT RETAIL TASKS

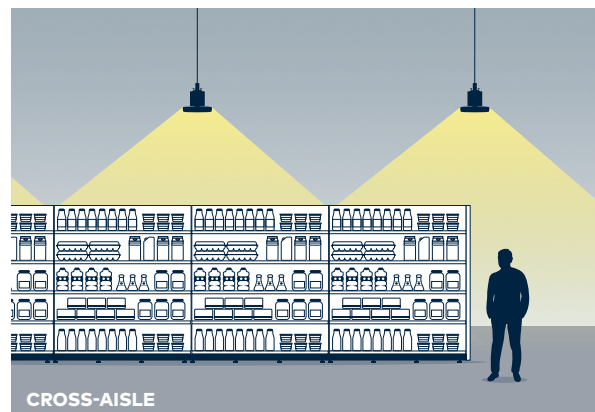
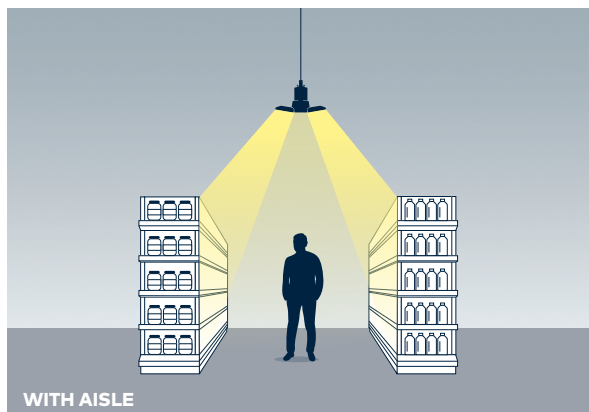
Different areas of a retail environment require different lighting solutions. Arrowslim offers multiple optical distributions, allowing specifiers to optimise lighting performance throughout the store. All Arrowslim variants are available in two sizes, 600 mm and 1500 mm, and in either a white or black finish.

WITH AISLE AND CROSS-AISLE

Wide and shelf-beam optics highlight products and improve merchandise visibility while supporting efficient browsing and locating items.

ACCURATE ORDER FULFILMENT

Improved identification of products and labels supports inventory management and order fulfilment. Online shopping and on-demand rapid delivery platforms such as Uber Eats, Just Eat, Wolt and Glovo are growing in importance for retailers and so reducing picking errors becomes ever more important.

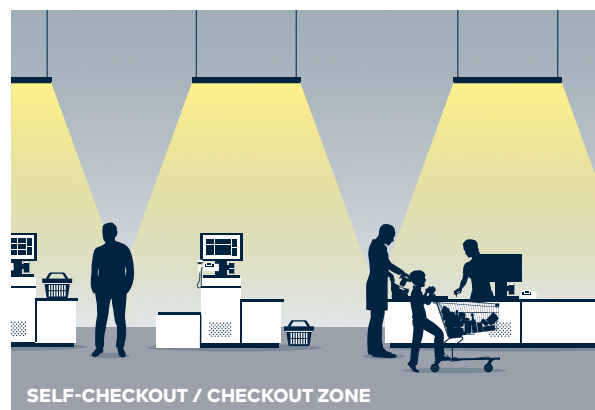
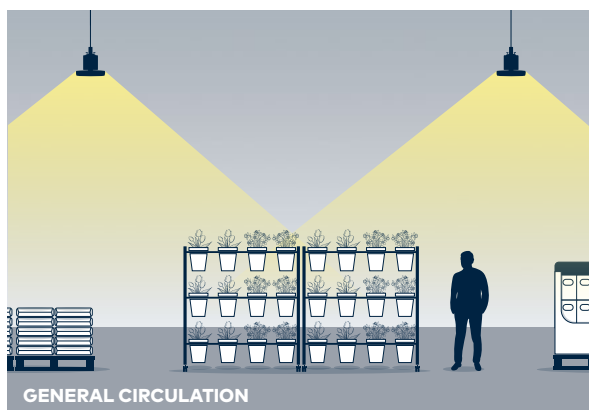


CIRCULATION AREAS

Wide distribution creates uniform illumination and comfortable navigation throughout the store with good lighting levels on walls, floor and ceiling.

CHECKOUT ZONE

Using the cellular low-glare optic (UGR<19) helps to create a welcoming final customer touchpoint, supports staff operation and ease of payment.



SUPPORTING BACK-OF-HOUSE OPERATIONS

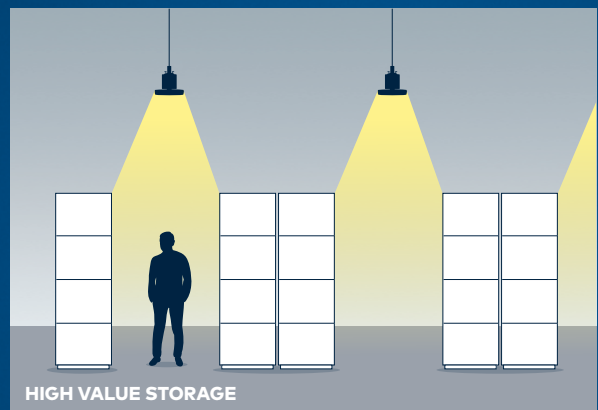
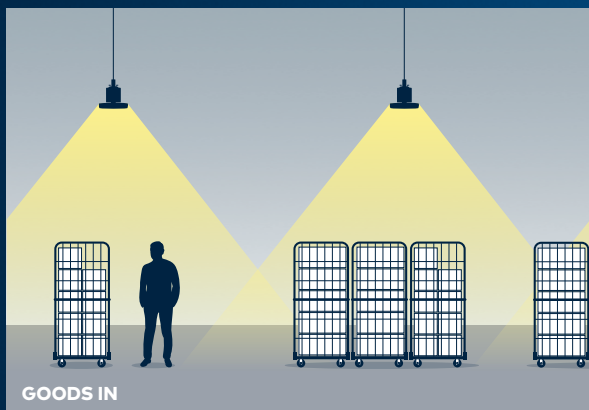
Retail success depends on more than customer-facing areas. Arrowslim delivers excellent visibility and efficiency in support spaces that keep operations running smoothly.

GOODS IN

Wide beam optics provide uniform illumination for receiving, sorting and handling stock efficiently. These high-traffic environments often contain hazards such as trolleys, pump-trucks and forklifts and so reduced shadowing helps create safer working environments.

HIGH VALUE STORAGE

Narrow and shelf-focused optics prioritise vertical above horizontal illuminance, improve visibility of products, labels, and barcodes, helping teams to work faster and more accurately.



A COMPLETE RETAIL LIGHTING SOLUTION

Arrowslim forms part of a comprehensive retail lighting ecosystem, enabling customers to source an integrated solution from a single partner.

ARROWSLIM LINEAR BATTENS

Flexible linear illumination for aisles, circulation areas, and shelving.



TONIC AND GRAFFITI SPOTLIGHTS

Complementary 3-phase track spotlight ranges from Thorn work seamlessly alongside Arrowslim to create layered retail lighting designs.



TRACK INFRASTRUCTURE

Approved 3-phase track systems provide the foundation for reliable installation, specification confidence and long-term flexibility. Arrowslim is approved for use with Zumtobel Track Basic and Track Advanced, as well as widely distributed Stucchi systems.



EMERGENCY LIGHTING

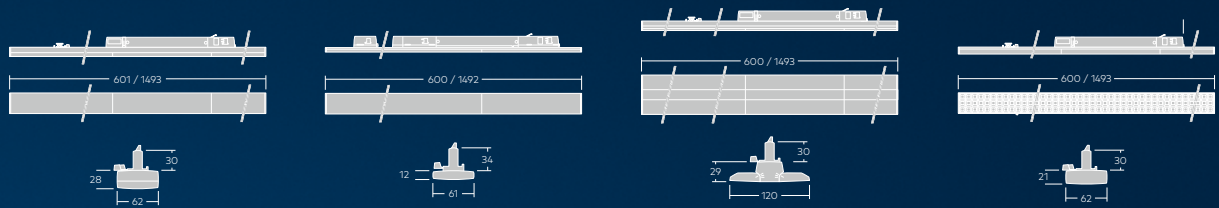
Plug-and-play emergency solutions such as Thorn's Voyager Resist emergency exit signs and emergency luminaires can be positioned anywhere along the track for design freedom and compliance.



DISCOVER

thornlighting.com/arrw

ARROWSLIM



FROSTED

SINGLE-TILT LENS

TWIN-TILT LENS

CELLULAR



600 mm, 1500 mm



3000 K / 3500 K / 4000 K



up to 10,200 lm



up to 170 lm/W



90



<19 - <30



IP20



-20 to 40 °C



IK03



UV Resistant



L80 89,000h @ 25 °C



Frosted: Very Wide beam 120° (Fixed), Single-Tilt Lens: Wide beam 90° or Narrow beam 60° (Single-Tilt +/- 30°)
Twin-Tilt Lens: Shelf beam 30° x 90° (Twin-Tilt +/- 30°), Cellular: Narrow beam 60° (Fixed, UGR<19)



3-phase track



White (similar to RAL 9016), Black (similar to RAL 9017)



3 kV



Fixed Output (HF), DALI dimmable (HFI)



MacAdam 3

5 YEAR
GUARANTEE

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European countries.
thornlighting.com/guarantee

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