Atom

Architectural emergency exit sign with SmartScan wireless technology



Atom is a modern architectural surface- or recessed-mounted emergency exit sign.

Combining SmartScan wireless technology and Lithium Iron Phosphate ($LiFePO_4$) battery, this durable and reliable signage adds elegance and style to all applications. Atom is available in black or white colour options as required. It provides a three-hour maintained operation, plus a functional downlight element to illuminate important points of emphasis.

Applications: commercial environments, education, healthcare, and retail.

- Versatile mounting options to fulfil all installation requirements
- Extremely long LED lifetime, up to 100,000 hours
- 23 m maximum viewing distance in accordance with BS EN 1838
- Simple to install, full status reporting SmartScan wireless communication versions
- Integral downlight for point of emphasis and escape lighting illumination
- Choice of ISO 7010 legends
- Status indicator shows operational condition
- Reliable Lithium Iron Phosphate (LiFePO4) battery technology

Notes: Double sided legend option only available on ceiling mounting versions

IP40 SMARTSCAN

Specification

Mounting	**Recessed** **Surface**	IP rating	**IP40**

Lighting

Additional light element	**Integral downlight**

Emergency data

Legend type	**ISO 7010 arrow down** **ISO 7010 arrow left** **ISO 7010 arrow left / right double sided** **ISO 7010 arrow right** **ISO 7010 arrow up**	Maximum viewing distance	**23 m**
Emergency type	**Maintained (wire link may be removed to enable non-maintained operation)**	Emergency duration	**3 hours**
Battery specification	**Lithium Iron Phosphate (LiFePO4)**		

Power

LED power	**3 W**

Construction

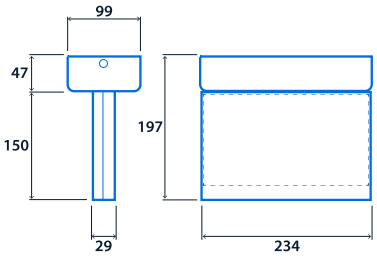
Housing	**Die-cast aluminium modular body with acrylic printed legends**	Finish	**Full polyester powder coat**
Body colour	**Black (RAL 9005)** **White (RAL 9016)**		

Compliance

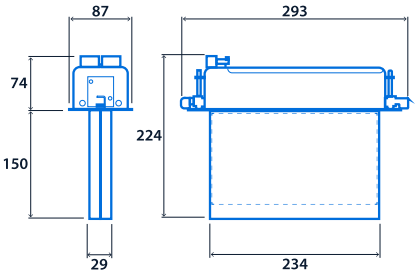
UKCA	**Yes**	CE	**Yes**

Dimensions

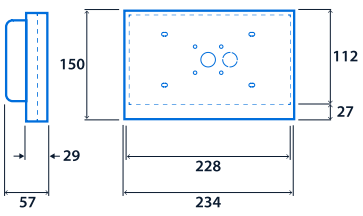
Ceiling surface



Ceiling recessed



Wall surface



Atom

Range

Emergency system	Product	LED power	Mounting type	Legend type
W SmartScan Emergency	**AM** Atom*	**03** 3 W	**WS** Wall surface	**L** Left
D DALI / SelfTest Emergency			**CS** Ceiling surface	**R** Right
E Standard Emergency			**CR** Ceiling recessed**	**U** Up
				D Down
				DS Double sided L/R***

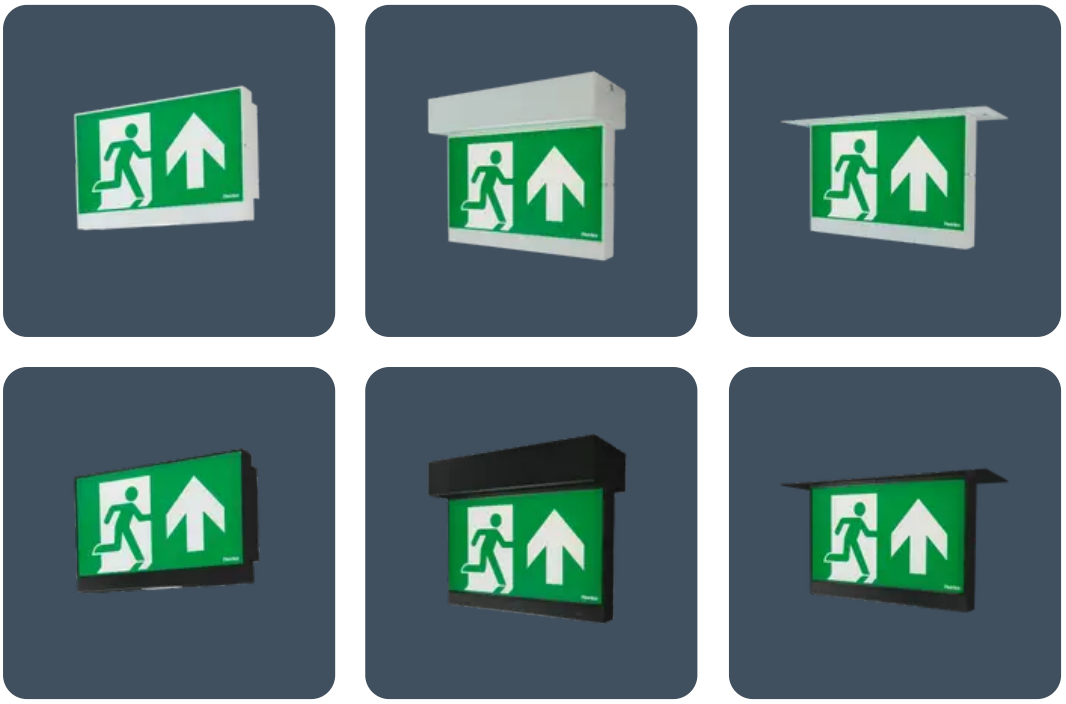
* Wire link may be removed to enable non-maintained operation ** Reinforcement plate provided for installation *** Only available on ceiling mounting versions

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **D** DALI / Self-Test Emergency / **E** Standard Emergency
Black version - suffix catalogue number with **B6**

E.g. **WAM03WSLB6** = SmartScan Emergency / Atom / 3 W / Wall surface / Left / Black version

Spares

Product code	Description	Weight
EMB909	Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling	0.15 kg



Click or scan here
View Atom variants using our online filtering tool



Information is correct as of 16-Nov-2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.