# 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**<br>**Surface** | IP rating | **IP40** |

## Lighting

| | |
|---|---|
| Additional light element | **Integral downlight** |

## Emergency data

| | | | |
|---|---|---|---|
| Legend type | **ISO 7010 arrow down**<br>**ISO 7010 arrow left**<br>**ISO 7010 arrow left / right double sided**<br>**ISO 7010 arrow right**<br>**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

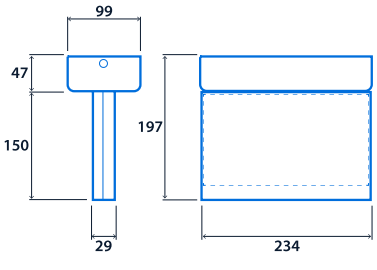
| | | | |
|---|---|---|---|
| Housing | **Die-cast aluminium modular body with acrylic printed legends** | Finish | **Full polyester powder coat** |
| Body colour | **Black (RAL 9005)**<br>**White (RAL 9016)** | | |

## Compliance

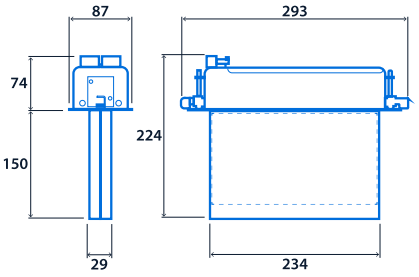
| | | | |
|---|---|---|---|
| UKCA | **Yes** | CE | **Yes** |

# Dimensions

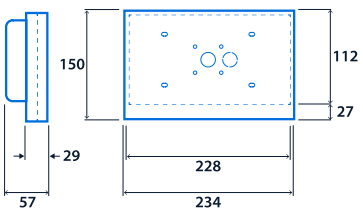
Ceiling surface




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*** |

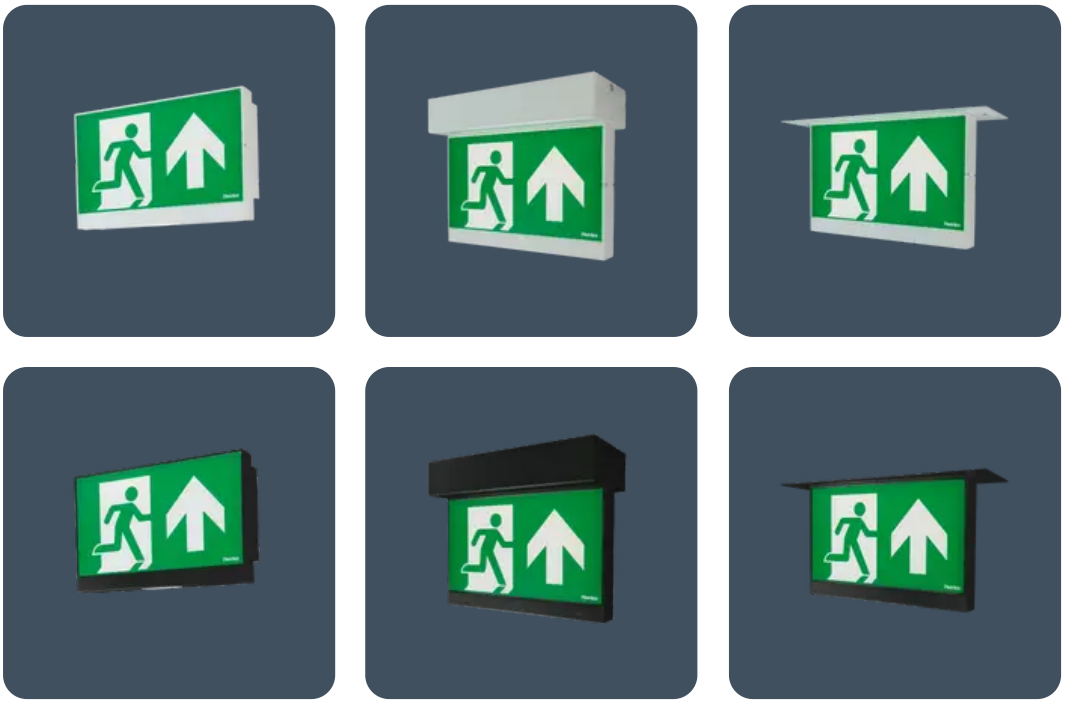
* Wire link may be removed to enable non-maintained operation ** Reinforcement plate provided for installation *** Only available on ceiling mounting versions

**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 05 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.