# Lexi

## Emergency exit signs with dedicated SmartScan wireless technology versions



The robust, popular Lexi is an LED emergency exit sign with a downlighter LED array to illuminate the exit doorway.

Thorlux has designed Lexi for maximum flexibility; as such, the luminaire can be affixed to the ceiling or wall, or via a cantilever or suspension fixing. A fast-change battery replacement method reduces maintenance time and cost. Lexi features Lithium Iron Phosphate ($LiFePO_4$) battery technology to provide three hours of maintained emergency operation, plus advantages such as a longer lifespan, lower energy consumption, and a compact battery cell. SmartScan wireless communication versions are also available and include the extended Thorlux 10-year warranty.

Applications: commercial environments, schools, hospitals, banks, and libraries.

- Extremely long LED lifetime, up to 100,000 hours
- 20 m maximum viewing distance in accordance with BS EN 1838
- Simple to install, full status reporting SmartScan wireless communication versions
- Optional 3 m wire suspension kit or cantilever mounting bracket
- Status indicator shows operational condition
- Hinged battery compartment (requires tool access) provides fast battery replacement
- Reliable Lithium Iron Phosphate (LiFePO4) battery technology
- Available with a factory-fitted SmartScan Air Quality Sensor. (See Air Quality Sensor for more details)

IP40 | 64.7 LL/CW | SMARTSCAN

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **IP40** |

## Lighting

| | | | |
|---|---|---|---|
| Lumen output | **110 lm** | Efficacy | **64.7 LL/CW** |
| Additional light element | **Integral downlight** | | |

## Emergency data

| | | | |
|---|---|---|---|
| Legend type | **EURO arrow down**<br>**EURO arrow left / right double sided**<br>**EURO arrow up**<br>**ISO 7010 arrow down**<br>**ISO 7010 arrow left / right double sided**<br>**ISO 7010 arrow up** | Maximum viewing distance | **20 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 | **1 W** | Circuit power | **1.7 W** |

## Construction

| | | | |
|---|---|---|---|
| Housing | **Polycarbonate body** | Body colour | **White (RAL 9016)** |
| Bezel colour | **Silver**<br>**White** | Optical assembly | **Acrylic legend panel** |

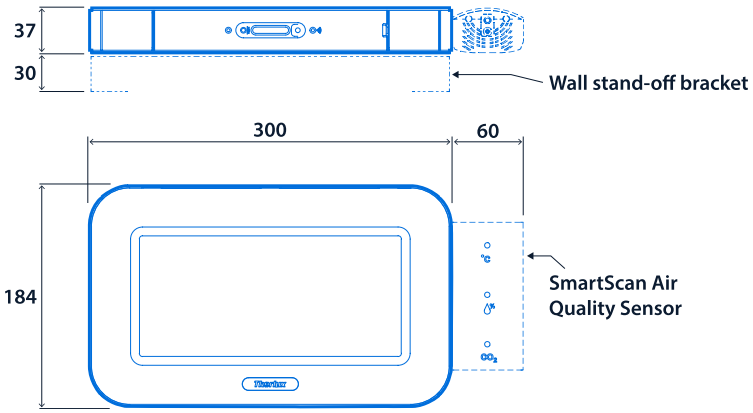
## LED characteristics

| | |
|---|---|
| Rated life (hours) | **100 K - L90/B10** |

## Compliance

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

## Dimensions


37
30
Wall stand-off bracket
300
60
184
SmartScan Air
Quality Sensor

## Range

| | Description | Emergency system | CAT. No. | Emergency duration | Emergency type |
|---|---|---|---|---|---|
| ISO 7010 legend | Arrow left / right double sided | **W / D / E** | **LX20824** | 3 hour | Maintained * |
| | Arrow down | **W / D / E** | **LX20825** | 3 hour | Maintained * |
| | Arrow up | **W / D / E** | **LX20826** | 3 hour | Maintained * |
| EURO legend | Arrow left / right double sided | **W / D / E** | **LX20821** | 3 hour | Maintained * |
| | Arrow down | **W / D / E** | **LX20822** | 3 hour | Maintained * |
| | Arrow up | **W / D / E** | **LX20823** | 3 hour | Maintained * |

* Wire link may be removed to enable non-maintained operation

**Emergency system** - prefix catalogue number with **W** SmartScan Emergency / **D** DALI / Self-Test Emergency / **E** Standard Emergency
**SmartScan Air Quality Sensor pre-fitted versions** - suffix catalogue number with **AQS**
**Silver bezel version** - suffix catalogue number with **SV3**

E.g. **WLX20824AQSSV3** = ISO 7010 arrow left / right double sided / SmartScan Emergency / Air quality sensor / Silver bezel

## Accessories

| Product code | Description | Weight |
|---|---|---|
| **LX17421** | Wire suspension kit | 0.2 kg |
| **LX19448** | Cantilever mounting bracket | 0.1 kg |
| **LX20019** | Wall stand-off bracket | 0.4 kg |
| **LX19691** | Back plate kit - To mask wall when retrofitting | 0.2 kg |

## Spares

| Product code | Description | Weight |
|---|---|---|
| **EMB702GP** | Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling | 0.15 kg |

# Lexi



## Click or scan here

**View Lexi 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.