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** **EURO arrow left / right double sided** **EURO arrow up** **ISO 7010 arrow down** **ISO 7010 arrow left / right double sided** **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** **White**	Optical assembly	**Acrylic legend panel**

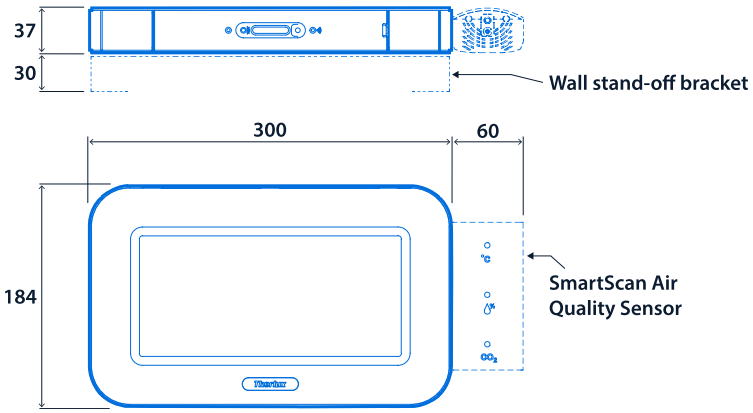
LED characteristics

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 10 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.