Lex

Edge-lit emergency exit signs with SmartScan wireless communication

Lex is an edge-lit LED emergency exit sign with a choice of bold acrylic legend panels.

Lex has been designed for maximum flexibility and can be supplied with kits for wall, cantilever, or semi-recessed mounting positions. Lex 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.

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

- Low power consumption (1 W total)
- Extremely long LED lifetime, up to 100,000 hours
- 19.5 m maximum viewing distance in accordance with BS EN 1838
- Ceiling mounted with optional kits for wall, cantilever and semi-recessed mounting
- Choice of legends
- Status indicator shows operational condition
- Reliable Lithium Iron Phosphate (LiFePO4) battery technology



IP40

SMARTSCAN

Specification

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

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	**19.5 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 W**

Construction

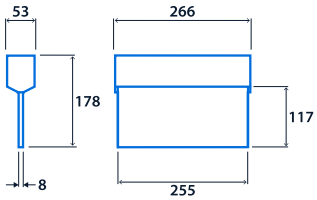
Housing	**Steel body with polycarbonate end caps**	Body colour	**White (RAL 9016)**
Optical assembly	**Acrylic legend panel**		

Compliance

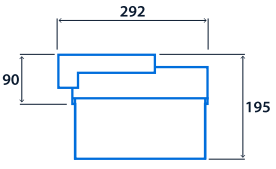
UKCA	**Yes**	CE	**Yes**

Dimensions

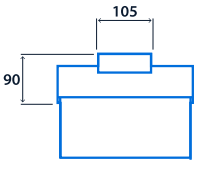
Ceiling Mounting



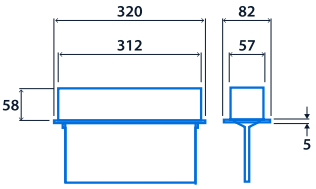
Cantilever Mounting



Wall Mounting



Semi Recessed



Range

	Description	Emergency system	CAT. No.	Emergency duration	Emergency type
ISO 7010 legend	Arrow left / right double sided	**W / D / E**	**EX20864**	3 hour	Maintained *
	Arrow down	**W / D / E**	**EX20865**	3 hour	Maintained *
	Arrow up	**W / D / E**	**EX20866**	3 hour	Maintained *
EURO legend	Arrow left / right double sided	**W / D / E**	**EX20861**	3 hour	Maintained *
	Arrow down	**W / D / E**	**EX20862**	3 hour	Maintained *
	Arrow up	**W / D / E**	**EX20863**	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

E.g. **WEX20865** = ISO 7010 legend / Arrow down / SmartScan Emergency

Accessories

Product code	Description	Weight
LEX13391W9	Wall mounting kit	0.2 kg
LEX13392W9	Cantilever mounting kit	0.2 kg
LEX20167	Semi-recessed mounting kit	0.6 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





Click or scan here

View Lex 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.