Lexi-65

LED emergency luminaires with dedicated SmartScan wireless technology versions



Designed for tougher external applications, the Thorlux Lexi-65 is a surface-mounted LED emergency luminaire with an optional self-adhesive exit sign legend kit.

Rated to IP65 for water and dust ingress protection and IK10 impact resistance, Lexi-65 can be supplied with an optional downlighter LED array to illuminate the exit doorway. Furthermore, the body will accept conduit wiring.

Lexi-65 uses Lithium Iron Phosphate ($LiFePO_4$) battery technology to provide three hours of maintained emergency operation, bringing advantages including a longer battery lifespan, reduced energy consumption, and a compact cell size. SmartScan wireless communication versions are also available, featuring the Thorlux 10-year warranty.

Applications: general use emergency lighting, walkways, car parks, factories, changing rooms, and final exit door illumination/signage.

- Extremely long LED lifetime, up to 100,000 hours
- 21.8 m maximum viewing distance in accordance with BS EN 1838 when using legend kits
- Simple to install, full status reporting SmartScan wireless communication versions
- Integral downlight option for exit illumination
- Optional self-adhesive legend kit
- Status indicator shows operational condition
- Reliable Lithium Iron Phosphate (LiFePO4) battery technology

IP65 **IK10** **Up to 78.3 LL/CW** SMARTSCAN

Specification

Mounting	**Surface**	IP rating	**IP65**
Impact rating	**IK10**		

Lighting

Lumen output	**230 lm - 235 lm**	Efficacy	**Up to 78.3 LL/CW**
Additional light element	**Integral downlight**		

Emergency data

Maximum viewing distance	**22 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	**2 W**	Circuit power	**3 W**

Construction

Housing	**Polycarbonate body**	Body colour	**White (RAL 9016)**
Optical assembly	**Clear polycarbonate cover**		

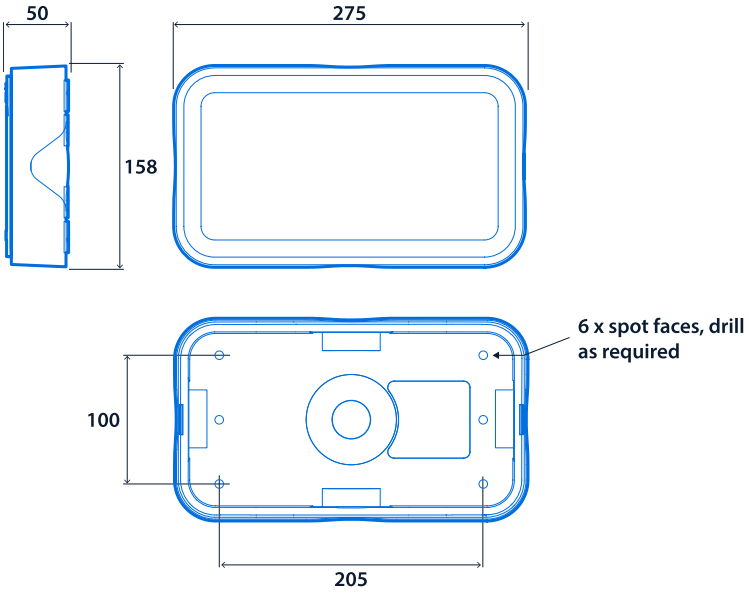
LED characteristics

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

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class E**	Ball impact resistance	**DIN EN 18032 Part 3 and DIN VDE 0710 Part 13**

Dimensions



Range

LED power	Emergency system	Standard version	Integral downlight version	Emergency duration	Emergency type
2 W	**W / D / E**	**LX20870**	**LX20871**	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. **WLX20870** = 2 W / SmartScan Emergency / Standard

Accessories

Product code	Description	Weight
LXP17613	ISO 7010 self adhesive legend kit - Includes arrow left, right, up and down legends	-
LXP17612	EURO self adhesive legend kit - Includes arrow left, right, up and down legends	-

Spares

Product code	Description	Weight
EMB707GP	Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling	0.2 kg





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View Lexi-65 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.