Mini-8

LED emergency bulkhead luminaires



The Thorlux Mini-8 is a compact, practical solution for escape route lighting in the industrial environment.

Mini-8 is a general-purpose emergency lighting bulkhead with the choice of a clear prismatic or opal polycarbonate cover. This hard-wearing luminaire is rated to IP65 against water and dust ingress. It can be used to provide visual escape route signage by applying the optional self-adhesive legend kit. SmartScan versions are also available.

Applications: light industrial areas and cable tunnels.

- 16.4 m maximum viewing distance in accordance with BS EN 1838 when using legend kits
- Optional self-adhesive legend kit
- Complies with M.O.D. JSP482 Chapter 8 Document for ‘Category C’ areas
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- SmartScan Radar versions with sensor discretely hidden behind the cover

Notes: Radar and clear prismatic cover versions not suitable for use with legend kits

IP65 | Up to 114.2 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP65**
Max presence detection height	**4 m**		

Lighting

Optic	**Clear prismatic cover** **Opal cover**	Lumen output	**590 lm - 685 lm**
Efficacy	**Up to 114.2 LL/CW**		

Mini-8

Emergency data

Maximum viewing distance	**16.5 m**	Emergency lumen output	**210 lm - 310 lm**
Emergency type	**Maintained** **Maintained (wire link may be removed to enable non-maintained operation)**	Emergency duration	**3 hours**
Battery specification	**Lithium Iron Phosphate (LiFePO4)**		

Power

LED power	**4 W**	Circuit power	**6 W**

Construction

Housing	**Polycarbonate body**	Body colour	**Off-white**
Optical assembly	**Polycarbonate cover**		

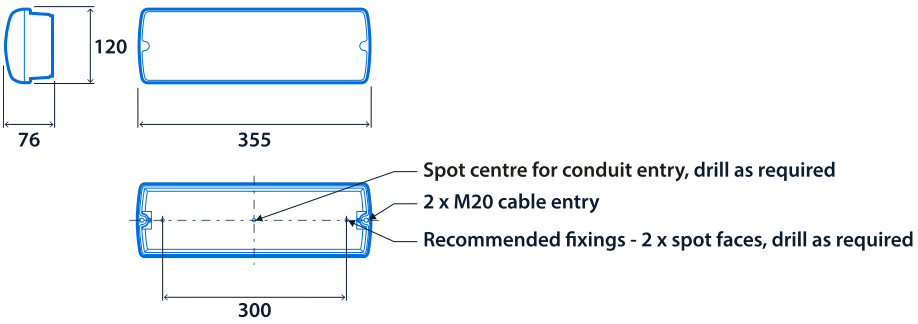
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>60%**	Replaceable light source	**Yes**
Power factor	**>0.6**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**	Ball impact resistance	**DIN EN 18032 Part 3 and DIN VDE 0710 Part 13**
MOD compliance	**M.O.D. DSA 03.OME Part 2, Chapter 8 for 'Category C' areas (formerly JSP482)**		

Dimensions


120
76
355
Spot centre for conduit entry, drill as required
2 x M20 cable entry
Recommended fixings - 2 x spot faces, drill as required
300

Range

	Description	Emergency system	CAT. No.	Lighting control system	Emergency duration	Emergency type
Mains	Opal	-	**FB20878**	**R* / L**	-	-
	Clear prismatic	-	**FB20879***	**R* / L***	-	-
Emergency	Opal	**W / D / E**	**FB20878**	**R* / L**	3 hour	Maintained **
	Clear prismatic	**W / D / E**	**FB20879***	**R* / L***	3 hour	Maintained **

* Radar and clear prismatic cover versions not suitable for use with legend kits / ** 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
Lighting control system - suffix catalogue number with **R** SmartScan Radar / **L** Non-dimming

E.g. **WFB20878R** = Opal / SmartScan Emergency / SmartScan Radar

Accessories

Product code	Description	Weight
EFB15258	ISO 7010 self adhesive legend kit - Includes arrow left, right, up and down legends	-
EFB9137	EURO self adhesive legend kit - Includes arrow left, right and down legends	-

Spares

Product code	Description	Weight
EMB704GP	Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling	0.15 kg





Click or scan here
View Mini-8 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.