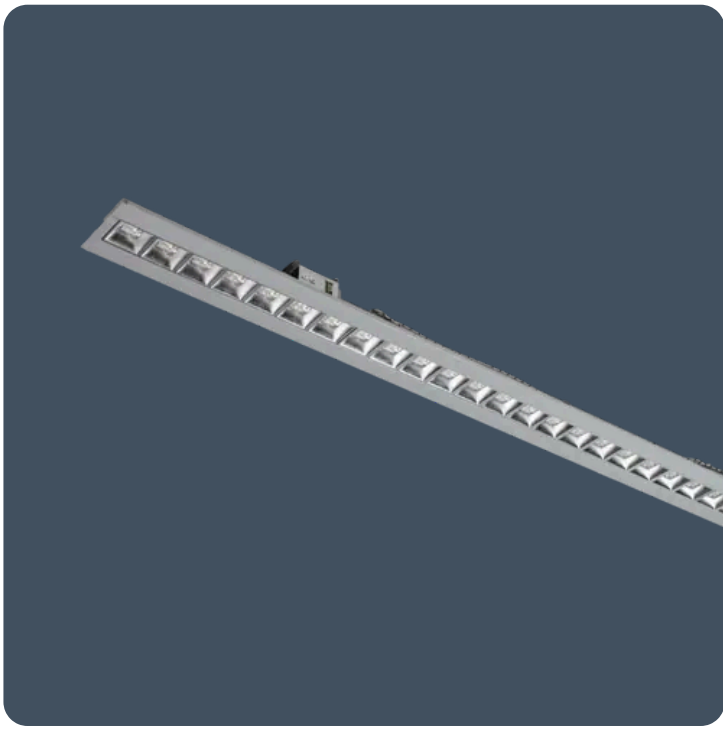
Thorlux Light Line Retrofit

Suspended direct/indirect retrofit LED luminaires



The Light Line Retrofit kit is a drop-in replacement for the original Thorlux Light Line and Light Line Integra fluorescent luminaires.

Retrofitting is a practical way to upgrade lighting systems without generating unnecessary waste. The existing Light Line luminaire body remains, while the clip-in retrofit module replaces the original lamps and louvre. The Retrofit unit provides direct and indirect lighting to match the existing luminaires for light output, distribution, and glare control whilst improving efficacy, maintenance, and luminaire control. Further benefits include lower maintenance requirements, longer lifespan and improved durability.

This retrofit kit is suitable for both individual and continuous versions of the Thorlux Light Line and Light Line Integra fluorescent luminaires, in silver or white body finishes.

- Suitable for Thorlux Light Line and Thorlux Light Line Integra fluorescent luminaires
- TM66 score of 2.9 - LIA/CIBSE certification scheme TSD-012 verified
- Direct/indirect illumination
- Optical system combining a reflector and dedicated lens for each LED
- Suitable for individual and continuous luminaires
- Compatible with existing wiring connections
- Metallised low glare reflector
- Low glare optics for EN12464-1 / LG7 (<3000cd/m² @ 65°)

Notes: Emergency output on downlight only

IP20 **Up to 144.5 LL/CW** SMARTSCAN **TM66 circularity score 2.9**

Specification

IP rating	**IP20**	Nominal size	**1200 mm** **1500 mm**
Max presence detection height	**8 m**		

Sustainability

TM66 circularity score	**2.9**

Thorlux Light Line Retrofit

Lighting

Lumen output	**2,940 lm - 5,975 lm**	Efficacy	**Up to 144.5 LL/CW**

Emergency data

Emergency type	**Maintained**	Emergency duration	**3 hours**
Battery specification	**Lithium Iron Phosphate (LiFePO4)**		

Power

LED power	**17 W - 38 W**	Circuit power	**21 W - 42 W**

Construction

Housing	**Zinc coated steel body**	Finish	**Full polyester powder coat**
Body colour	**Silver (RAL 9006) White (RAL 9016)**	Reflector colour	**Metallised reflector**

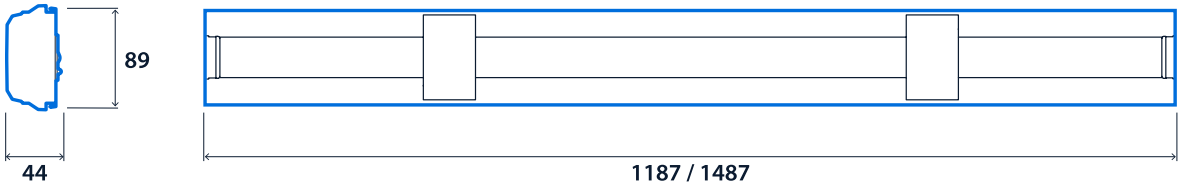
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**-**
Driver efficiency	**>82%**	Replaceable light source	**Yes**
Power factor	**>0.95**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

UKCA	**Yes**	CE	**Yes**
C-Tick (Aus)	**Yes**		

Dimensions



Thorlux Light Line Retrofit

Range

Nominal size	LED power	Emergency system (optional)	Individual	Continuous	Lighting control system
1200 mm	17 W	W*	LL20480	LL20484	SS / A / L
	25 W	W*	LL20481	LL20485	SS / A / L
1500 mm	24 W	W*	LL20482	LL20486	SS / A / L
	38 W	W*	LL20483	LL20487	SS / A / L

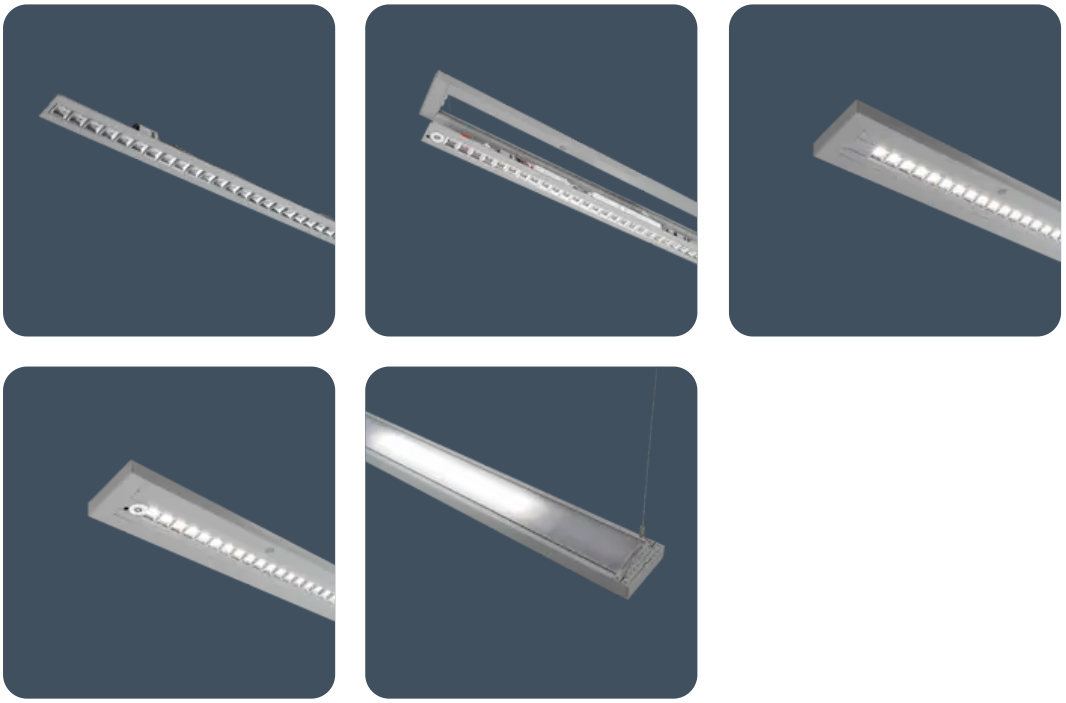
* **Only** available with **SS** control type

Emergency system - prefix catalogue number with **W** SmartScan Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming
White version - suffix catalogue number with **W9**

E.g. **WLL20480SSW9** = 17 W / SmartScan Emergency / Individual / SmartScan Internal / White version

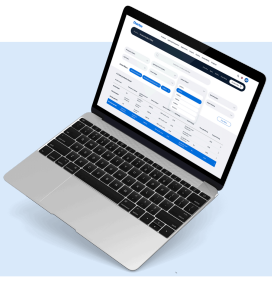
Accessories

Product code	Description	Weight
LL20488	1200 mm uplight diffuser	0.4 kg
LL20489	1500 mm uplight diffuser	0.5 kg



Click or scan here

View Thorlux Light Line Retrofit 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.