Thorlux Light Line

Suspended direct/indirect LED luminaires



A long-standing, popular Thorlux product, the Light Line is a high-performance LED, available as individually suspended, end-to-end, or continuous versions using infill sections and corner joints.

Thorlux Light Line is an ultra-slimline luminaire with excellent uniform upward light performance. It provides an outstanding source of both direct and indirect light. Light Line is supplied pre-wired and fully assembled, complete with suspensions, for rapid installation. Infill sections are complete with interconnecting wiring and can contain spotlights or emergency SmartScan LED downlighters, as required.

Applications: offices, schools, and libraries.

- Direct/indirect illumination
- Individual or continuous mounting options
- Supplied fully assembled
- Supplied with easily adjustable wire suspensions

Notes: It is recommended that a maximum of 10 Light Line Continuous luminaires are connected to each 10A fused light circuit

IP20 | Up to 143.4 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Suspended**	IP rating	**IP20**
Max presence detection height	**8 m**		

Lighting

Lumen output	**4,015 lm - 6,485 lm**	Efficacy	**Up to 143.4 LL/CW**
Additional light element	**Uplight**		

Emergency data

Emergency lumen output	**370 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**24 W - 42 W**	Circuit power	**28 W - 48 W**

Construction

Housing	**Extruded aluminium body with die-cast aluminium ends**	Finish	**Full polyester powder coat**
Body colour	**Light textured silver (RAL 9006)**	Optical assembly	**Extruded polycarbonate microprism diffuser for LG7 compliance with high efficiency satinised polycarbonate uplight diffuser**

LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>85%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

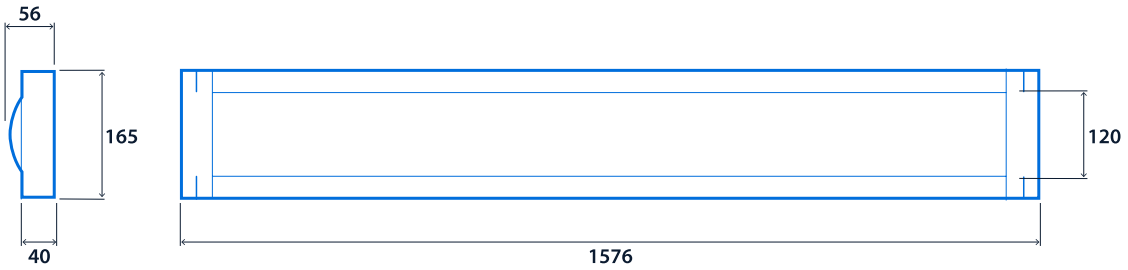
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class A**		

Linear System

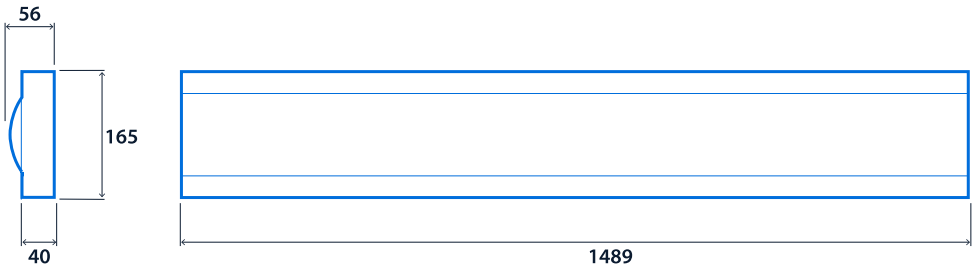
Linear variant	**Straight**

Dimensions

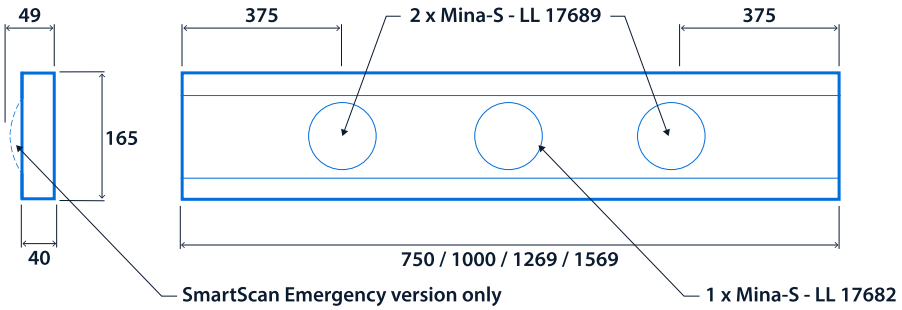
Light Line Individual



Light Line Continuous



Light Line Infill



Range

	Nominal size	LED power	Emergency system (optional)	Individual	Continuous*	Lighting control system
SmartScan	1500 mm	24 W	**W**	**LL17600**	**LL17602**	**SS**
		31 W	**W**	**LL16046**	**LL16056**	**SS**
		42 W	**W**	**LL16045**	**LL16055**	**SS**
Standard	1500 mm	24 W	**T / E**	**LL17601**	**LL17603**	**A / L**
		31 W	**T / E**	**LL16042**	**LL16052**	**A / L**
		42 W	**T / E**	**LL16041**	**LL16051**	**A / L**

* It is recommended that a maximum of 10 Light Line Continuous luminaires are connected to each 10A fused light circuit

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WLL17600SS** = 1500 mm / 24 W / SmartScan Emergency / SmartScan Internal

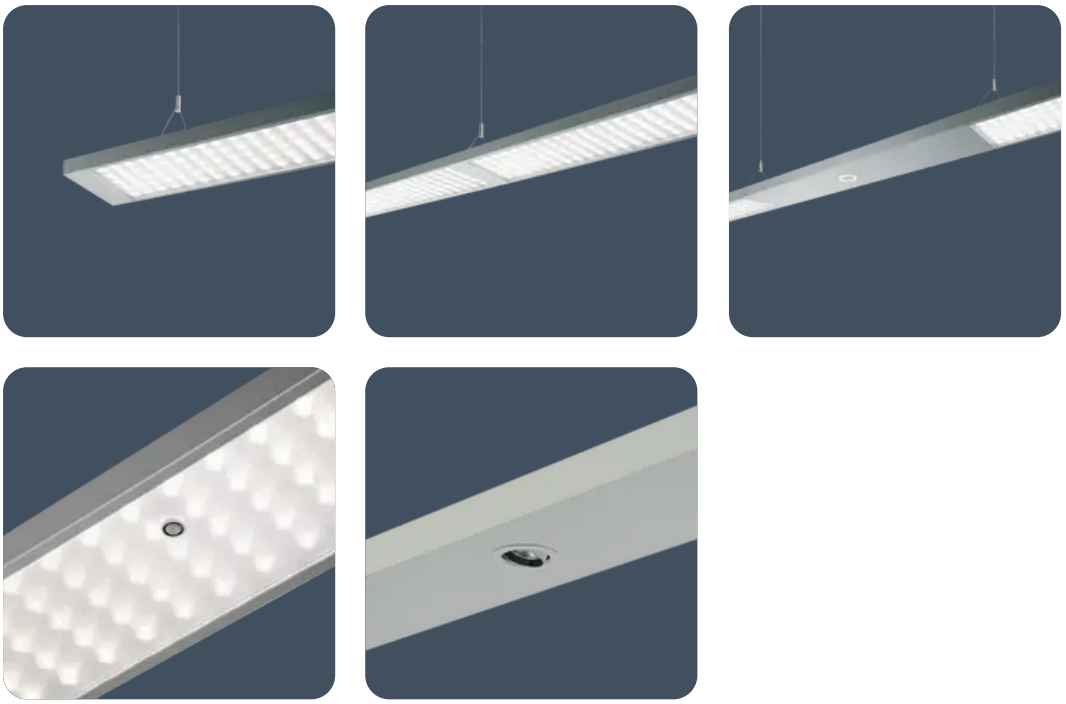
Infill Sections

Product code	Description	Weight
LL13356	750 mm infill section - Plain	2.3 kg
LL13357	1000 mm infill section - Plain	3 kg
LL13358	1269 mm infill section - Plain	3.5 kg
LL13359	1569 mm infill section - Plain	4.3 kg
WLL18291	750 mm infill section - SmartScan Emergency Firefly (area lens)	2.9 kg
WLL18292	1000 mm infill section - SmartScan Emergency Firefly (area lens)	3.6 kg
WLL18293	1269 mm infill section - SmartScan Emergency Firefly (area lens)	4.1 kg
WLL18294	1569 mm infill section - SmartScan Emergency Firefly (area lens)	4.9 kg
LL17682	750 mm infill section - 1 x Mina-S 8 W (45° beam) - Cannot be switched independently from adjacent luminaires. Externally fitted and wired switch required even on Smart versions.	3.1 kg
LL17689	1569 mm infill section - 2 x Mina-S 8 W (45° beam) - Cannot be switched independently from adjacent luminaires. Externally fitted and wired switch required even on Smart versions.	5.1 kg

Additional Components

Product code	Description	Weight
LL14285	Corner joint	2.3 kg
LL14286	Corner joint - Powered	2.8 kg
LL13599	Crossover joint	4.3 kg
LL13600	Tee joint	3.9 kg
LL13355	Link kit	0.2 kg
LL13360	End kit - Two ends per kit	1.3 kg
LL14762	Infill to infill / infill to joint link kit	0.2 kg
LL13361	Surface wiring tidy	0.4 kg

Thorlux Light Line



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