Hyline

Air-handling, low-glare, recessed luminaires



The Thorlux Hyline is a high-quality, edge-lit luminaire for recessed lay-in ceilings.

The homogeneously lit, fire-retardant nanoprism diffuser aids compliance with LG7. Concealed air-handling vents allow airflow of up to 40 litres per second without any loss of performance.

For customers in need of a bespoke solution, Hyline can be supplied in a myriad of sizes and configurations to suit different ceiling types, including SAS 120, 130, and 330 ceilings. Contact the Thorlux Technical Services department for further information.

Applications: education, office, and healthcare.

- Low glare optics for EN12464-1 / LG7 (<3000cd/m² @ 65°) or opal diffuser option
- Versions suitable for SAS120, 130 and 330 ceilings available to special order
- Air-handling as standard
- Edge-lit diffuser technology eliminates visible LEDs
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Bespoke sizes available to special order

IP40 (IP20 above ceiling) **Up to 137.7 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Recessed**	IP rating	**IP40 (IP20 above ceiling)**
Nominal size	**600 x 600 mm** **1200 x 300 mm**	Max presence detection height	**8 m**

Lighting

Optic	**Low glare diffuser**	Lumen output	**3,150 lm - 5,360 lm**
Efficacy	**Up to 137.7 LL/CW**		

Emergency data

Emergency lumen output	**265 lm - 280 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**23 W - 37 W**	Circuit power	**26 W - 39 W**

Construction

Housing	**Steel body with zinc coated gear enclosure**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**Polycarbonate TP(a) fire-retardant nanoprism diffuser**

LED characteristics

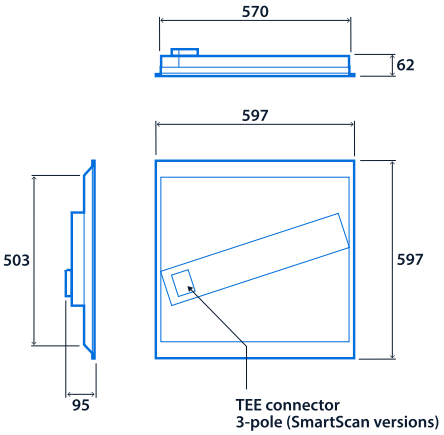
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>85%**	Power factor	**>0.9**
MacAdam ellipse	**3 Step**	Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**

Compliance

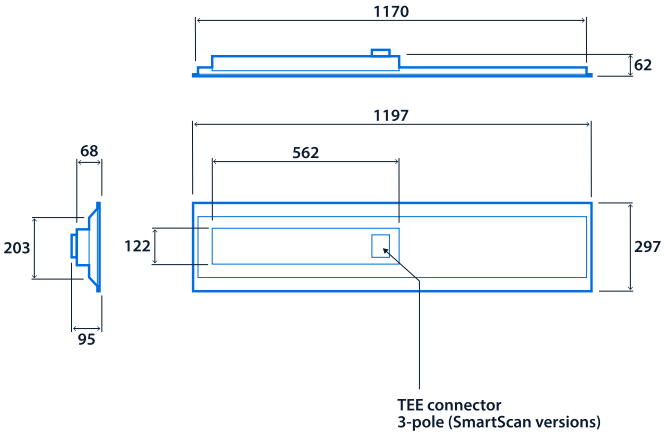
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class A**	Thermoplastic rating	**TP(a)**

Dimensions

600 x 600



1200 x 300



Range

	Nominal size	LED power	Emergency system (optional)	CAT. No.	Lighting control system
SmartScan	600 x 600 mm	23 W	**W**	**HY18771**	**SS**
		29 W	**W**	**HY18773**	**SS**
		37 W	**W**	**HY18774**	**SS**
	1200 x 300 mm	23 W	**W**	**HY18776**	**SS**
		29 W	**W**	**HY18778**	**SS**
		37 W	**W**	**HY18779**	**SS**
Standard	600 x 600 mm	23 W	**T / E**	**HY18786**	**A / L**
		29 W	**T / E**	**HY18788**	**A / L**
		37 W	**T / E**	**HY18789**	**A / L**
	1200 x 300 mm	23 W	**T / E**	**HY18791**	**A / L**
		29 W	**T / E**	**HY18793**	**A / L**
		37 W	**T / E**	**HY18794**	**A / L**

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

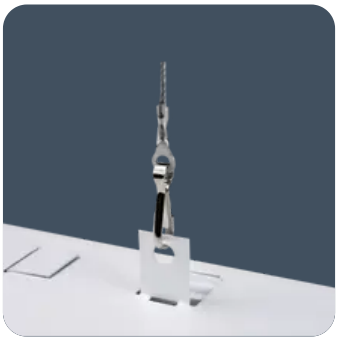
E.g. **WHY18771SS** = 600 x 600 mm / 23 W / SmartScan Emergency / SmartScan Internal

Accessories

Product code	Description	Weight
HY18603	Optional side arm suspension kit - 1200 x 300 mm - 58 mm maximum and 32 mm minimum extension from front face	-
HY18604	Optional side arm suspension kit - 600 x 600 mm - 58 mm maximum and 32 mm minimum extension from front face	-







Wire suspension not supplied

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View Hyline variants using our online filtering tool



Information is correct as of 27 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.