A-Line AL

Multi-purpose, anti-ligature and corrosion-resistant luminaires

The A-Line family of luminaires is a proven choice for a range of challenging environments.

The robust, durable A-Line AL features an anti-ligature, corrosion-resistant extruded aluminium body with die-cast ends and comes with a polycarbonate cover. A long-life silicone gasket ensures the IP66 water ingress rating. The cover is secured using tamper-resistant Torx screws.

Applications: public areas, secure areas, cable tunnels, and multi-storey car parks.

- Robust and durable extruded aluminium body dissipates heat, ensuring long control gear life in higher ambient temperatures
- High impact-resistant, flame- retardant polycarbonate cover
- Cover secured using tamper-resistant T25 pin Torx screws
- Removable gear tray, hangs on safety straps for easy maintenance
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



IP66 **IK10** **Up to 172 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**IK10**	Nominal size	**1200 mm** **1500 mm**
Max presence detection height	**4 m**	Anti-ligature compliance	**Anti-ligature**

Lighting

Optic	**Clear cover**	Lumen output	**3,030 lm - 8,145 lm**
Efficacy	**Up to 172 LL/CW**		

Emergency data

Emergency lumen output	**560 lm - 630 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

A-Line AL

Power

LED power	**16 W - 44 W**	Circuit power	**21 W - 55 W**

Construction

Housing	**Extruded aluminium body with die-cast aluminium ends**	Finish	**Full polyester powder coat**
Body colour	**White**	Optical assembly	**IK10 polycarbonate cover**
Gasket	**Long life silicone gasket**	Cover fixings	**A4 stainless steel T25 pin Torx**

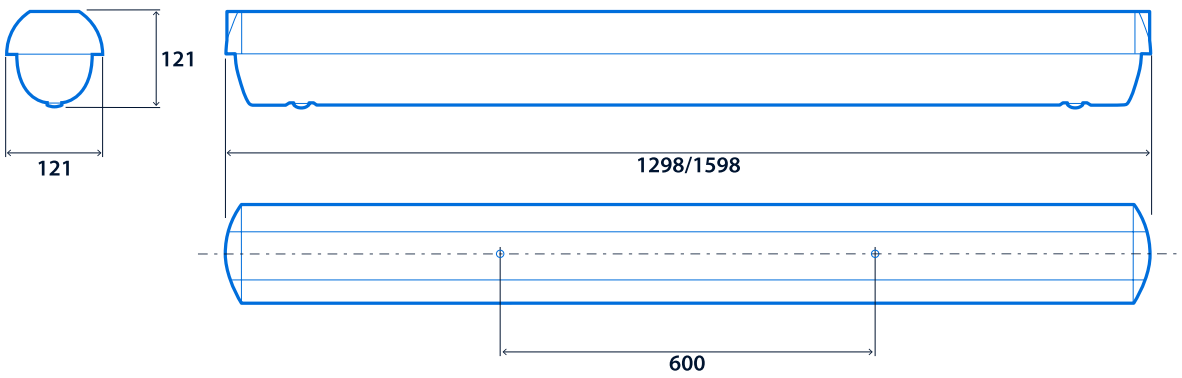
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L70/B10**	LED protection	**LUX Guard**
Driver efficiency	**>77%**	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 B**		

Dimensions



Range

Nominal size	LED power	Emergency system (optional)	CAT. No.	Lighting control system
1200 mm	16 W	**W / T* / E***	**AL20225**	**R / A / L**
	26 W	**W / T* / E***	**AL20226**	**R / A / L**
	44 W	**W / T* / E***	**AL20227**	**R / A / L**
1500 mm	20 W	**W / T* / E***	**AL20228**	**R / A / L**
	32 W	**W / T* / E***	**AL20229**	**R / A / L**
	41 W	**W / T* / E***	**AL20230**	**R / A / L**

* **Only** available with **A / L** control type

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

E.g. **WAL20225L** = 1200 mm / 16 W / SmartScan Emergency / Non-dimming

Accessories

Product code	Description	Weight
KEY16976	T25 pin Torx bit - Suitable for magnetic bit holder	-



Click or scan here

View A-Line AL 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.