A-Line

Multi-purpose and corrosion-resistant luminaires

The robust, durable A-line linear luminaire is an outstanding lighting solution for demanding applications.

A-Line is a proven choice for a range of challenging environments. This multi-purpose, corrosion-resistant luminaire is available with a choice of polycarbonate or acrylic covers. The extruded aluminium body is fitted with die-cast ends and a long-life silicone gasket for an IP66 water ingress rating.

Applications: cold stores, food factories, public areas, dairies, abattoirs, water treatment works, cable tunnels, and multi-storey car parks.

- Robust and durable extruded aluminium body dissipates heat, ensuring long control gear life in higher ambient temperatures
- Choice of high corrosion-resistant acrylic or impact-resistant, fire-retardant polycarbonate covers
- Factory fitted 6-core through wiring option (alternative configurations to special order)
- Optional tamper-resistant stainless steel cover screws
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



IP66 | Up to IK10 | Up to 182.8 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**Up to IK10**		

Lighting

Optic	**Clear acrylic cover** **Clear polycarbonate cover**	Distribution	**Medium**
Lumen output	**3,860 lm - 10,410 lm**	Efficacy	**Up to 182.8 LL/CW**

Emergency data

Emergency lumen output	**510 lm - 535 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**18 W - 52 W**	Circuit power	**22 W - 58 W**

Construction

Housing	**Extruded aluminium body with die-cast aluminium ends**	Finish	**Full polyester powder coat**
Body colour	**White**	Optical assembly	**High corrosion-resistant acrylic cover** **Impact-resistant fire-retardant polycarbonate cover**
Gasket	**Long life silicone gasket**	Cover fixings	**A4 stainless steel T25 pin Torx** **A4 stainless steel slotted**

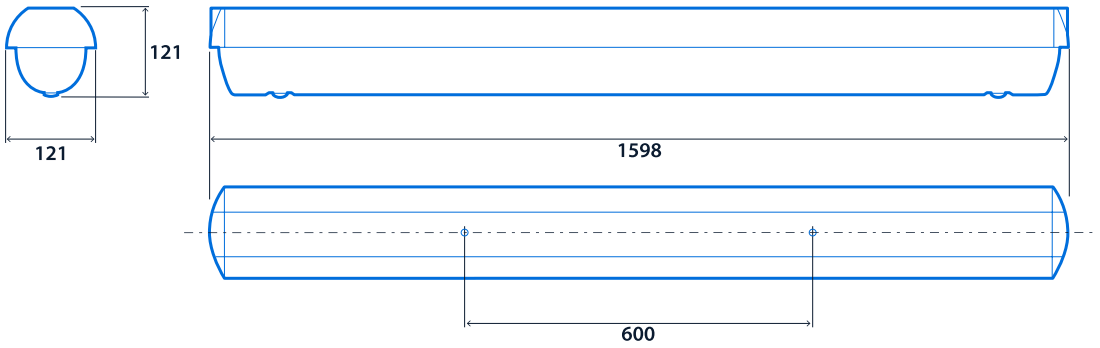
LED characteristics

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	**>0.95**	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**	Food production standards	**BRC** **HACCP** **IFS**
MOD compliance	**M.O.D. DSA 03.OME Part 2, Chapter 8 for 'Category C' areas (formerly JSP482)**		

Dimensions



Range

Emergency system (optional)	Product	LED power	Nominal size	Cover	Distribution	Lighting control system
W SmartScan Emergency	**AL** A-Line	**018** 18 W	**L** 1500 mm	**P** IK10 polycarbonate	**M** Medium	**S** SmartScan Internal**
D DALI / Self-Test Emergency*		**034** 34 W		**A** IK07 acrylic		**A** Dimming (DALI)
E Standard Emergency*		**052** 52 W				**L** Non-dimming

* **Only** available with **A / L** control type ** SmartScan versions IK06
Factory fitted 6-core through wiring - suffix catalogue number with **TW**
Tamper-resistant screws - suffix catalogue number with **T**

E.g. **WAL018LPMSTWT** = SmartScan Emergency / A-Line / 18 W / 1500 mm / IK10 polycarbonate / Medium / SmartScan Internal / Through wiring / Tamper-resistant screws

Accessories

Product code	Description	Weight
IK6388	Hook suspension kit - Two stainless steel hooks (including nuts and sealing washers) for chain suspension	0.05 kg
IK6389	IP66 gland kit - Weatherproof nylon gland (including nuts and sealing washers) for entry of flexible cables	0.02 kg
IK6390	Conduit entry kit - IP66 20 mm conduit suspension sealing washer kit	0.01 kg
IK6391	Rod suspension kit - IP66 10 mm diameter rod sealing washer kit	0.01 kg
KEY16976	T25 pin Torx bit - Suitable for magnetic bit holder	-


Standard version


Smart version

Click or scan here
View A-Line 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.