# 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**<br>**1500 mm** |
| 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** |

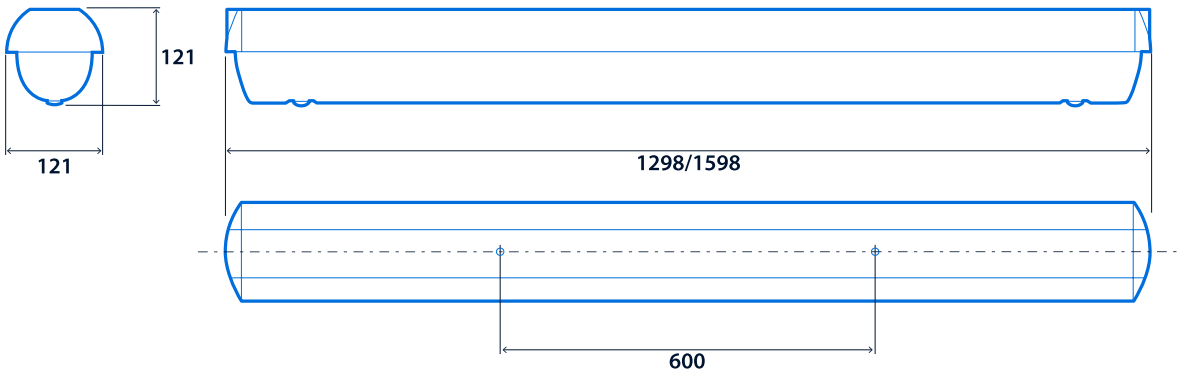
## LED characteristics

| | | | |
|---|---|---|---|
| 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** |
| C-Tick (Aus) | **Yes** | | |

## Dimensions



## Range

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

**Emergency system** - prefix catalogue number with **W** SmartScan Emergency / **E** Standard Emergency
**Lighting control system** - suffix catalogue number with **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 | - |



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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.