

Hazardous area and ATEX rated LED  
luminaires

Hazardous area corrosion-resistant luminaires for zone 2 and 22 environments. Extremely durable extruded aluminium body with die-cast ends and polycarbonate cover.

Designed to deliver a long 100,000 hour life over an ambient temperature range of -10°C to +35°C.

SmartScan Radar versions with a sensor located behind the cover introduce integral lighting controls into hazardous area lighting. Ideal for energy saving and operational status reporting through the SmartScan website.

Applications: Zone 2 & 22 areas.

- Robust and durable extruded aluminium body with die-cast ends finished full polyester powder coat
- Impact-resistant and fire-retardant polycarbonate cover secured with stainless steel tamper-resistant fixing screws
- SmartScan Radar versions with sensor discreetly hidden behind the cover for up to 4 m detection range
- Factory fitted through wiring option
- Wide ambient operating temperature range: Non-emergency - 10°C to +35°C / Emergency 0°C to +30°C



IP65

IK10

Up to 171.4 LL/CW

 SMARTSCAN

 LUXGUARD

Specification

Mounting	Surface	IP rating	IP65
Impact rating	IK10	Nominal size	1600 mm

Lighting

Optic	Clear polycarbonate cover	Lumen output	4,995 lm - 10,455 lm
Efficacy	Up to 171.4 LL/CW		

Emergency data

Emergency lumen output	700 lm	Emergency type	Maintained
Emergency duration	3 hours	Battery specification	Nickel Metal Hydride (NiMH)

Power

LED power	27 W - 58 W	Circuit power	30 W - 61 W
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Construction

Housing	Extruded aluminium body with die-cast aluminium ends	Finish	Full polyester powder coat
Body colour	Graphite	Optical assembly	Impact-resistant fire-retardant polycarbonate cover
Gasket	Long life silicone gasket		

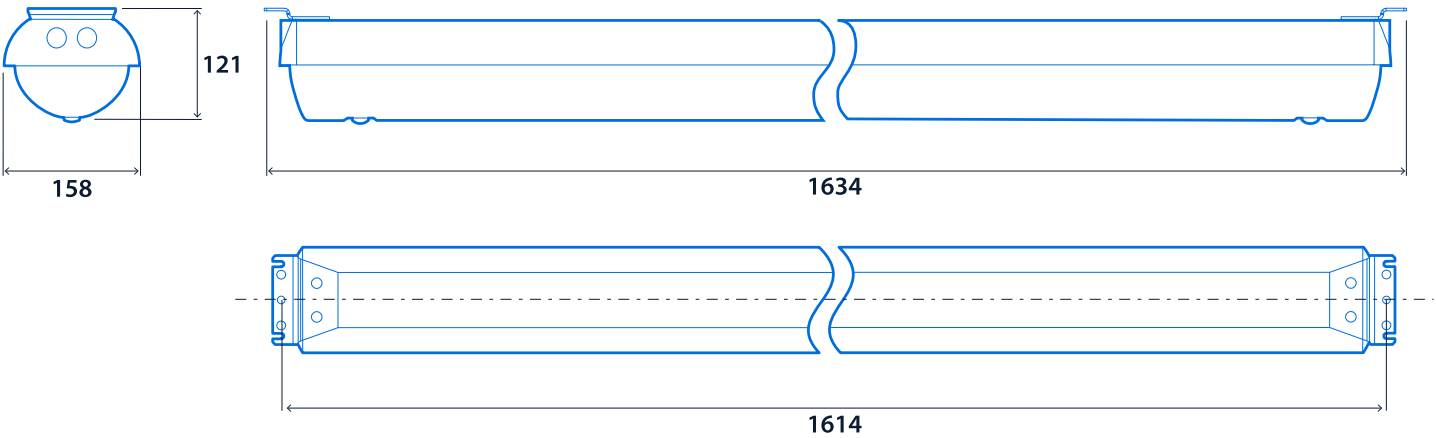
LED characteristics

CRI	80+	Colour temperature	4000 K
Rated life (hours)	100 K - L80/B10	LED protection	LUX Guard
Driver efficiency	>91%	Replaceable light source	Yes
Power factor	>0.95	MacAdam ellipse	3 Step

Compliance

UKCA	Yes	CE	Yes
Energy efficiency class	This product contains a light source of energy efficiency class B	Hazardous compliance	II 3 D Ex tc IIIC T85°C Dc II 3 G Ex ec IIC T4 Gc
ATEX certified	Yes		

Dimensions



Range

Emergency system (optional)	Product	LED power	Nominal size	Cover	Distribution	Lighting control system
<b>W</b> SmartScan Emergency*	<b>AX</b> A-Line EX	<b>027</b> 27 W	<b>L</b> 1500 mm	<b>P</b> IK10 Polycarbonate	<b>M</b> Medium	<b>R</b> SmartScan Radar
<b>D</b> DALI / SelfTest**		<b>042</b> 42 W				<b>A</b> Dimming (DALI)
		<b>058</b> 58 W				

\* Only available with R control type    \*\* Only available with A control type  
Factory fitted 4-core through wiring - suffix catalogue number with **TW**  
E.g. **WAX027LPMRTW** = SmartScan Emergency / A-line EX / 27 W / 1500 mm / IK10 Polycarbonate / Medium / SmartScan Radar / Through wiring



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Information is correct as of 24-Jun-2025, 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.