

LED luminaires for zones 2 and 22 hazardous areas

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		

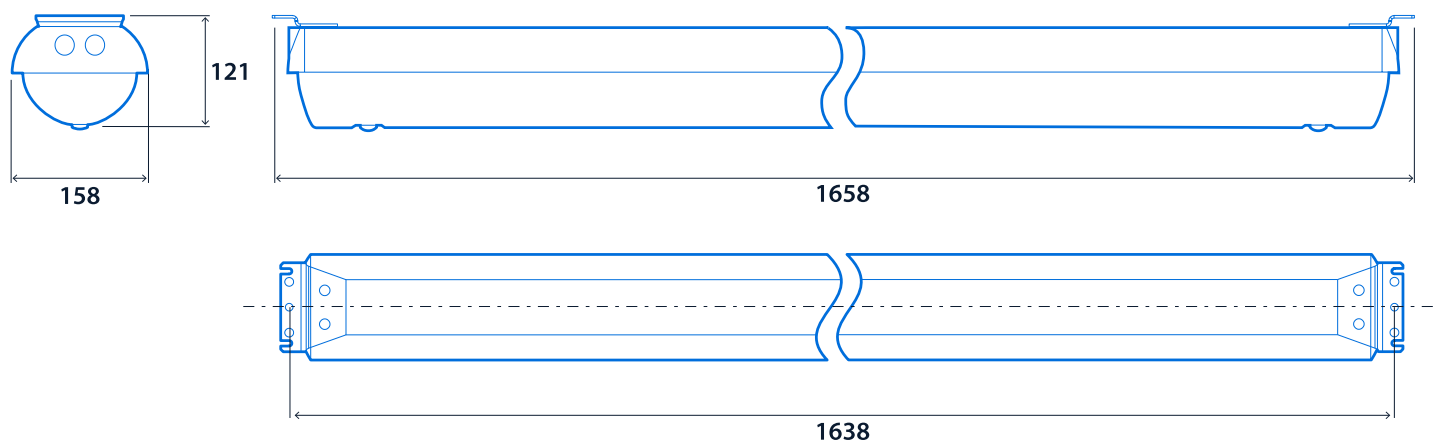
LED characteristics

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 IIIC T4 Gc

Dimensions



Range

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