Cobalt AL

Circular anti-ligature surface LED luminaires

Designed for applications where personal safety is paramount, Cobalt AL is a circular, surface-mounted anti-ligature and impact-resistant luminaire. It is designed with a satin polycarbonate cover secured via a spun aluminium bezel using tamper-resistant Torx screws.

Applications: external pathways, car parks, hospitals, and commercial environments.

- Strong high-pressure die-cast LM2 aluminium body and cover frame
- High efficiency fire-retardant satin polycarbonate diffuser
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



IP66 | IK10 | 103.5 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**IK10**	Max presence detection height	**4 m**
Anti-ligature compliance	**Anti-ligature**		

Lighting

Optic	**Satin diffuser**	Lumen output	**2,070 lm**
Efficacy	**103.5 LL/CW**		

Emergency data

Emergency lumen output	**290 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**16 W**	Circuit power	**20 W**

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Construction

Housing	**Strong high pressure die-cast aluminium body and spun aluminium cover frame**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016) Silver**	Optical assembly	**High efficiency fire-retardant polycarbonate diffuser**
Cover fixings	**A4 stainless steel T30 pin Torx**		

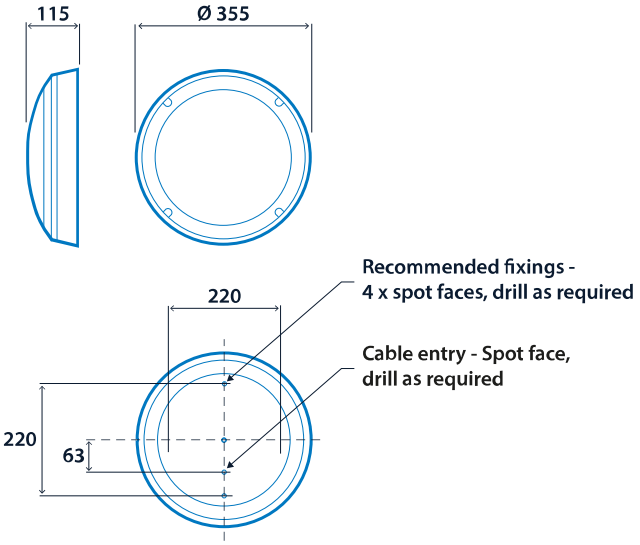
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>90%**	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**		

Dimensions



Range

LED power	Emergency system (optional)	CAT. No.	Lighting control system
16 W	**W*** / **T**** / **E****	**CT16114**	**R / A / L**

* **Only** available with **R** control type ** **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
Silver version - suffix catalogue number with **SV3**

E.g. **WCT16114RSV3** = 16 W / SmartScan Emergency / SmartScan Radar / Silver version

Accessories

Product code	Description	Weight
KEY16977	T30 pin Torx bit - Suitable for magnetic bit holder	-



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View Cobalt 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.