Cobalt

IP66 circular luminaires



Straightforward and striking, the Cobalt is a circular, wall-mounted, aluminium-bodied luminaire with a high-efficiency satin polycarbonate cover and a choice of four cover frame styles.

With high levels of impact and fire resistance, plus SmartScan Radar, anti-ligature, and maintained emergency versions available, Cobalt is an effective lighting solution for a range of requirements.

Applications: external pathway highlighting for schools, hospitals, retail, and other commercial environments.

- Strong high-pressure die-cast LM2 aluminium body and cover frame
- High efficiency fire-retardant satin polycarbonate diffuser
- Complies with M.O.D. JSP482 Chapter 8 Document for ‘Category C’ areas
- Photocell option
- Microwave presence detection option with stand-by light level feature
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

IP66 | IK10 | Up to 106.4 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**IK10**	Max presence detection height	**Up to Wall 2.5 m / Ceiling 4 m**

Lighting

Optic	**Satin diffuser**	Lumen output	**855 lm - 2,070 lm**
Efficacy	**Up to 106.4 LL/CW**		

Emergency data

Emergency lumen output	**135 lm - 290 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Cobalt

Power

LED power	**11 W - 16 W**	Circuit power	**14 W - 20 W**

Construction

Housing	**Strong high pressure die-cast LM2 aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Graphite** **Silver** **White**	Optical assembly	**High efficiency fire-retardant polycarbonate diffuser**

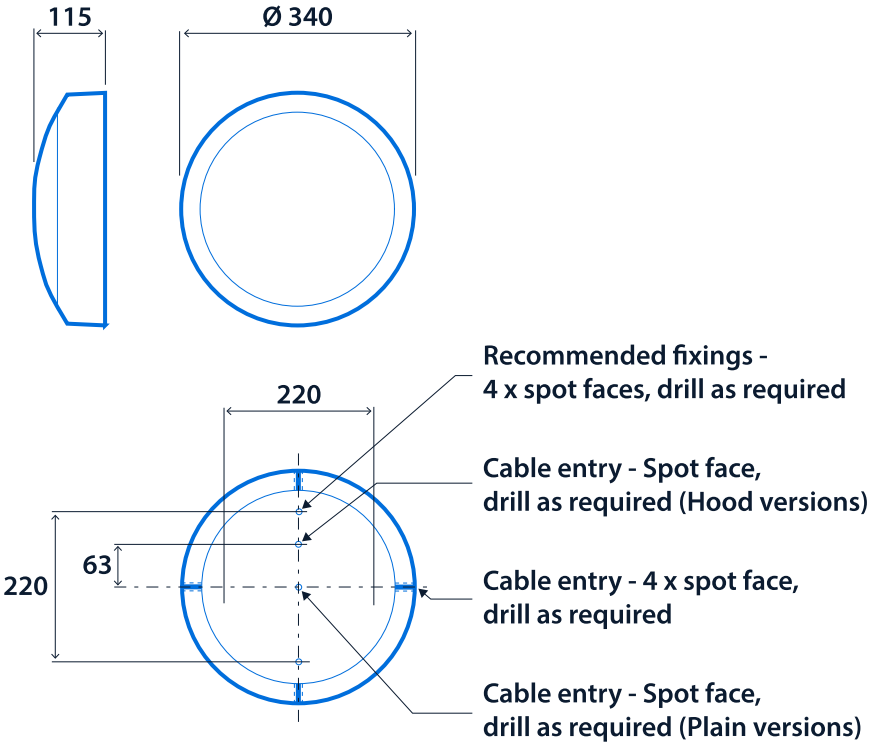
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**Up to >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** **This product contains a light source of energy efficiency class C**	MOD compliance	**M.O.D. DSA 03.OME Part 2, Chapter 8 for 'Category C' areas (formerly JSP482)**

Dimensions


115
Ø 340
220
63
220
Recommended fixings -
4 x spot faces, drill as required
Cable entry - Spot face,
drill as required (Hood versions)
Cable entry - 4 x spot face,
drill as required
Cable entry - Spot face,
drill as required (Plain versions)

Range

Product version	LED power	Emergency system (optional)	CAT. No.	Lighting control system
Plain	11 W 16 W	**W / T* / E*** **W / T* / E***	**CT19516** **CT19517**	**R / L / LPC / MD** **R / L / LPC / MD**
Hood	15 W	**T / E**	**CT19015**	**L / LPC**
Plain and grill	11 W 16 W	**W / T / E** **W / T / E**	**CT19518** **CT19519**	**L / LPC / MD** **L / LPC / MD**
Hood and grill	15 W	**T / E**	**CT19016**	**L / LPC**

* **Only** available with **L / LPC / MD** control type

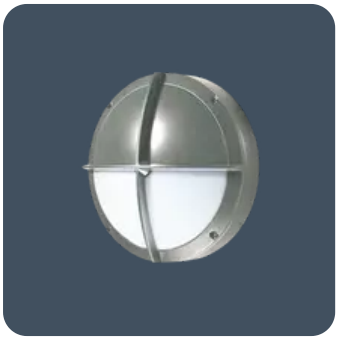
Emergency system - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **R** SmartScan Radar / **L** Non-dimming / **LPC** Photocell (non-dimming) / **MD** Microwave presence detector
Silver version - suffix catalogue number with **SV3**
White version - suffix catalogue number with **W9**

E.g. **TCT19516MDSV3** = Plain / 11 W / AutoTest Emergency / Microwave presence detector / Silver version

Accessories

Product code	Description	Weight
CT11699	Tamper-resistant screw kit including key	-



Click or scan here
View Cobalt variants using our online filtering tool



Information is correct as of 04 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.