Dot

Circular luminaires suitable for surface or semi-recessed mounting



The discreet Dot is a circular, slim-profile, surface-mounted or semi-recessed luminaire with a spun aluminium body, equally at home on the ceiling or a wall.

Dot is available with either an opal or LED satin sparkle polycarbonate cover. It can be supplied with optional red, green, blue (RGB), or white LEDs, with a light, green-tinted backlit halo ring.

Applications: corridors, general circulation areas, staircases, bedrooms, and toilet areas.

- Opal or high efficiency satin sparkle effect fire-retardant polycarbonate diffuser
- Optional light green tinted backlight halo (RGB or white)
- Semi-recessed mounting option (see accessories for kit)
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Backlight halo is switched in line with the main light source via the SmartScan system

IP40 **Up to 165.3 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP40**
Nominal size	**350 mm dia.** **450 mm dia.**	Max presence detection height	**Up to 8 m**

Lighting

Optic	**Opal diffuser** **Satin sparkle diffuser**	Lumen output	**1,865 lm - 4,100 lm**
Efficacy	**Up to 165.3 LL/CW**	Additional light element	**Backlight halo (RGB)** **Backlight halo (white)** **No backlight halo**

Dot

Emergency data

Emergency lumen output	**90 lm - 460 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)** **Nickel Metal Hydride (NiMH)**

Power

LED power	**13 W - 17 W**	Circuit power	**16 W - 27 W**

Construction

Housing	**Spun aluminium body**	Finish	**Full polyester powder coat**
Body colour	**White**	Optical assembly	**Fire-retardant polycarbonate diffuser**

LED characteristics

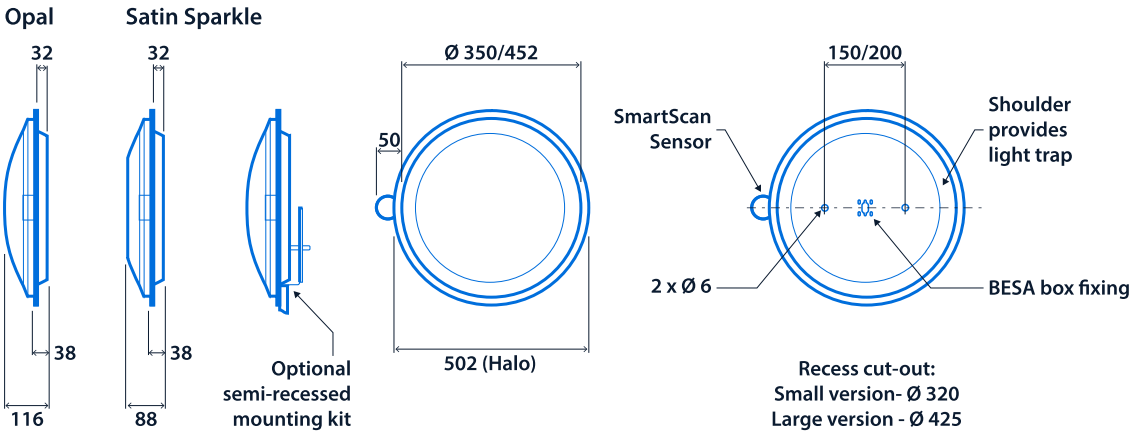
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>80%**	Replaceable light source	**Yes**
Power factor	**>0.95**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**	Thermoplastic rating	**TP(a)**

Dot

Dimensions



Dot

Range

	Product version	LED power	Emergency system (optional)	Standard	White LED halo	RGB LED halo	Lighting control system
SmartScan	Large - Satin sparkle	13 W	**WDT**	**DOT17654**	**DOT17655**	**DOT17656**	**SS / R**
		17 W	**WDT**	**DOT16490**	**DOT16491**	**DOT16492**	**SS / R**
	Large - Opal	13 W	**WDT**	**DOT17657**	**DOT17658**	**DOT17659**	**SS / R**
		17 W	**WDT**	**DOT16493**	**DOT16494**	**DOT16495**	**SS / R**
	Small - Opal	14 W	**WDT**	**DOT16826**	-	-	**SS**
Standard	Large - Satin sparkle	13 W	**TDT / EDT**	**DOT17663**	**DOT17664**	**DOT17665**	**A / L**
		17 W	**TDT / EDT**	**DOT16496**	**DOT16497**	**DOT16498**	**A / L**
	Large - Opal	13 W	**TDT / EDT**	**DOT17666**	**DOT17667**	**DOT17668**	**A / L**
		17 W	**TDT / EDT**	**DOT16499**	**DOT16500**	**DOT16501**	**A / L**
	Small - Opal	14 W	**TDT / EDT**	**DOT16573**	-	-	**L**

Emergency system - Replace **DOT** with catalogue number with **WDT** SmartScan Emergency / **TDT** AutoTest Emergency / **EDT** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **R** SmartScan Radar / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WDT17654SS** = Large / Satin sparkle / 13 W / Standard / SmartScan Emergency / SmartScan Internal

Accessories

Product code	Description	Weight
DOT10103	Semi-recessed mounting kit - Small version	0.27 kg
DOT9917	Semi-recessed mounting kit - Large version	0.32 kg
DOT11861	Side entry conduit kit - Small version	0.3 kg
DOT11860	Side entry conduit kit - Large version - Not suitable for use with Halo versions	0.37 kg



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Information is correct as of 10 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.