Dot Retrofit

Retrofit kit for Dot luminaires

Energy-saving, fast installation retrofit solution for upgrading original Dot luminaires to modern LED technology.

Besides reducing waste by re-engineering existing components, retrofitting luminaires with energy-efficient LEDs cuts greenhouse gas emissions and can also improve visibility, comfort, and light quality. Further benefits include lower maintenance requirements, longer lifespan and improved durability. Integrating intelligent lighting controls results in efficient usage management, further reducing energy consumption.

- 100,000 hour LED life expectancy
- Suitable for existing 28 W and 38 W, 452 mm diameter versions
- Significantly improved efficiency; power consumption more than halved compared with 38W 2D
- Easy to install
- Suitable for retrofit into existing standard, emergency and AutoTest Dot luminaire



LUXGUARD

Lighting

Lumen output (multiple)	**Satin Sparkle 2500 lm / Opal 1865 lm**	Efficacy	**0 LL/CW**
Efficacy (multiple)	**Up to Satin Sparkle 156.3 ll/cw / Opal 116.6 ll/cw**		

Emergency data

Emergency lumen output (multiple)	**Satin Sparkle 460 lm / Opal 340 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**13 W**	Circuit power	**16 W**

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LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/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**		

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Range

LED power	Emergency system (optional)	CAT. No.
13 W	**T / E**	**DOT17653**

Emergency system - replace **DOT** with **TDT** AutoTest Emergency / **EDT** Standard Emergency
E.g. **TDT17653** = 13 W / AutoTest Emergency

Spares

Product code	Description	Weight
DOT15069	Satin sparkle effect polycarbonate cover	-



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