Jubilee-XL Retrofit

Retrofit kit for Jubilee-XL T5 luminaires

A retrofit solution for existing fluorescent Thorlux Jubilee-XL T5 surface luminaires, extending the life of the existing luminaire and providing energy, carbon, and installation cost savings.

Now, original Jubilee-XL luminaires can quickly and easily be upgraded to the latest LED technology and lighting controls, enhancing functionality and flexibility without additional wiring, while maintaining low-glare compliance.

Retrofitting is a sustainable, efficient alternative to completely replacing older luminaires. Typically, there is a 56% embodied carbon saving and a 49% operational carbon saving, with 56% of the original Jubilee-XL luminaire retained.

- Suitable for Thorlux Jubilee-XL fluorescent T5 luminaires
- Maintains the existing luminaire with minimal disruption
- TM66 score of 2.7 - LIA/CIBSE certification scheme TSD-012 verified
- Significantly improved luminaire efficacy
- Retains low glare compliance to assist with EN12464-1 / LG7 (<3000 cd/m² @ 65º)
- SmartScan wireless technology removes the need for additional control cabling



Notes: Lumen outputs include original diffusers.

IP20 **Up to 144.5 LL/CW** SMARTSCAN LUXGUARD **TM66 circularity score 2.7**

Specification

IP rating	**IP20**	Nominal size	**1200 mm** **1500 mm**
Max presence detection height	**8 m**		

Sustainability

TM66 circularity score	**2.7**

Lighting

Lumen output	**3,035 lm - 7,040 lm**	Efficacy	**Up to 144.5 LL/CW**

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Emergency data

Emergency lumen output	**480 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**18 W - 43 W**	Circuit power	**21 W - 50 W**

Construction

Finish	**Full polyester powder coat**

LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>86%**	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 A**		

Dimensions



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Range

Nominal size	LED power	Emergency system (optional)	CAT. No.	Lighting control system
1200 mm	28 W	**WJB*** / **DJB**** / **EJB****	**JUB20904**	**S / A / L**
	18 W	**WJB*** / **DJB**** / **EJB****	**JUB20905**	**S / A / L**
1500 mm	35 W	**WJB*** / **DJB**** / **EJB****	**JUB20906**	**S / A / L**
	43 W	**WJB*** / **DJB**** / **EJB****	**JUB20907**	**S / A / L**

* **Only** available with **S** control type ** **Only** available with **A / L** control type

Emergency system - replace **JUB** with **WJB** SmartScan Emergency / **DJB** DALI/Self-Test Emergency / **EJB** Standard Emergency
Lighting control system - suffix catalogue number with **S** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WJB20904S** = 1200 mm / 28 W / SmartScan Emergency / SmartScan Internal


SmartScan retrofit module


DALI / non-dimming module


SmartScan version


DALI / non-dimming version

Click or scan here

View Jubilee-XL Retrofit variants using our online filtering tool



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