# 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**<br>**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** |

# Jubilee-XL Retrofit

## 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



# Jubilee-XL Retrofit

## 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**



Information is correct as of 25 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.