

## Suspended direct/indirect retrofit LED luminaires

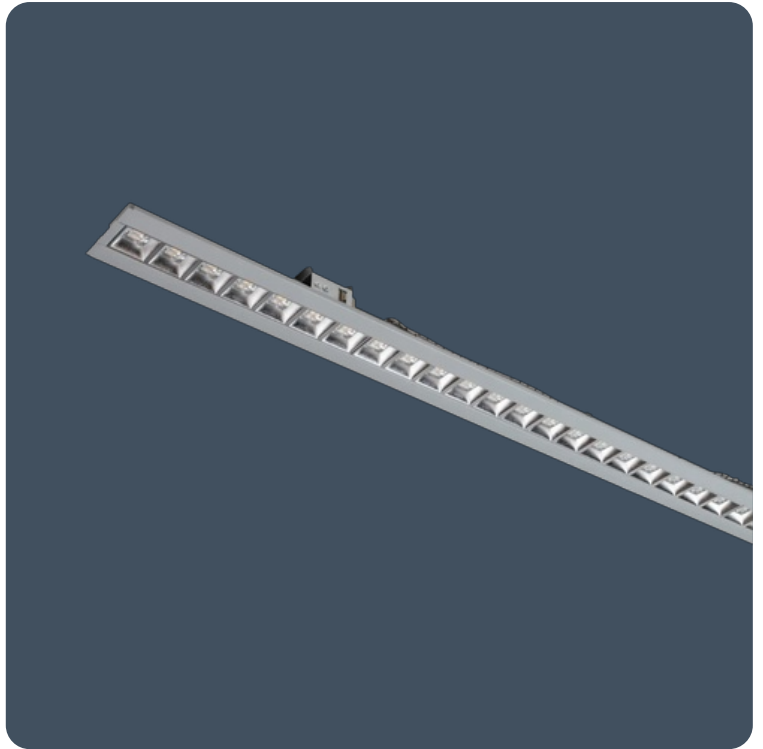
Thorlux Light Line Retrofit is a drop-in replacement for the original Thorlux Light Line and Light Line Integra fluorescent luminaires. The existing luminaire body remains while the new clip-in Light Line Retrofit module replaces the original lamps and louvre.

Thorlux Light Line Retrofit provides direct and indirect lighting to match the existing luminaires for light output, distribution, and glare control whilst improving efficacy, maintenance, and luminaire control.

Suitable for Thorlux Light Line and Light Line Integra fluorescent luminaires as individual and continuous versions, in silver or white body finishes.

- Suitable for Thorlux Light Line and Thorlux Light Line Integra fluorescent luminaires
- TM66 score of 2.9 - LIA/CIBSE certification scheme TSD-012 verified
- Direct/indirect illumination
- Optical system combining a reflector and dedicated lens for each LED
- Suitable for individual and continuous luminaires
- Compatible with existing wiring connections
- Metallised low glare reflector
- Low glare optics for EN12464-1 / LG7 (<math><3000\text{cd/m}^2 @ 65^\circ</math>)

Notes: Emergency output on downlight only



IP20

Up to 144.5 LL/CW

TM66 circularity score 2.9

## Lighting management

|                         |   |                  |  |
|-------------------------|---|------------------|--|
| Lighting control system | Dimming (DALI)<br>Non-dimming<br>SmartScan Internal | Emergency system | DALI / Self-Test Emergency<br>Non-emergency<br>SmartScan Emergency<br>Standard Emergency |
|-------------------------|---|------------------|--|

## Specification

|                               |      |              |                    |
|-------------------------------|------|--------------|--------------------|
| IP rating                     | IP20 | Nominal size | 1200 mm<br>1500 mm |
| Max presence detection height | 8 m  |              |                    |

## Sustainability

|                        |     |
|------------------------|-----|
| TM66 circularity score | 2.9 |
|------------------------|-----|

## Lighting

|              |                     |          |                   |
|--------------|---------------------|----------|-------------------|
| Lumen output | 2,940 lm - 5,975 lm | Efficacy | Up to 144.5 LL/CW |
|--------------|---------------------|----------|-------------------|

## Emergency data

|                       |                             |                    |         |
|-----------------------|-----------------------------|--------------------|---------|
| Emergency type        | Maintained                  | Emergency duration | 3 hours |
| Battery specification | Nickel Metal Hydride (NiMH) |                    |         |

## Power

|           |             |               |             |
|-----------|-------------|---------------|-------------|
| LED power | 17 W - 38 W | Circuit power | 21 W - 42 W |
|-----------|-------------|---------------|-------------|

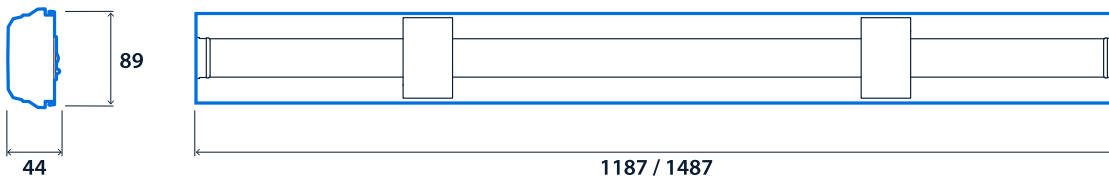
## LED characteristics

|                    |                 |                    |        |
|--------------------|-----------------|--------------------|--------|
| CRI                | 80+             | Colour temperature | 4000 K |
| Rated life (hours) | 100 K - L80/B10 |                    |        |

## Compliance

|              |     |   |  |
|--------------|-----|---|--|
| UKCA         | Yes | CE                                      | Yes  |
| C-Tick (Aus) | Yes | SmartScan wireless standards compliance | Europe: EN 300 220-1 V2.4.1/ EN 301 489-3 V1.6.1. Australasia: ACMA 2014 Radio Communication Standard 2014. Thorlux Patented Wireless Technology - GB2575724 |

## Dimensions



## Accessories

| Product code | Description              | Weight |
|--------------|--------------------------|--------|
| LL20488      | 1200 mm uplight diffuser | 0.4 kg |
| LL20489      | 1500 mm uplight diffuser | 0.5 kg |

