# DuoFlux

## Track-mounted LED luminaires



The Thorlux DuoFlux is a track-mounted LED luminaire designed specifically for retail applications, where the dual-purpose optical system will provide well-lit shopping spaces.

Highly-efficient lenses control the distribution of light to highlight vertical displays; meanwhile, the twin opal diffusers provide general lighting, illuminating higher up the gondolas and increasing visual comfort for customers.

The two optical systems can be switched on or off separately when used with DALI controls. DuoFlux can be rotated 90°, making it suitable for both with-aisle or cross-aisle lighting installations.

For use with the Track system.

Applications: retail.

- Steel body and end caps finished in non-yellowing white (RAL9016)
- Dual optical components; opal diffusers for general lighting and broad optical distribution for efficient illumination of the retail space and gondolas
- Luminaire can be rotated 90° to suit either with-aisle or cross-aisle track mounting
- Switchable optics when used with DALI controls
- Suitable for installation into Global track

Notes: Alternative beam distributions available to special order

**IP20** **138.6 LL/CW** LUXGUARD

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Track** | IP rating | **IP20** |

## Lighting

| | | | |
|---|---|---|---|
| Distribution | **Broad** | Lumen output | **5,960 lm** |
| Efficacy | **138.6 LL/CW** | | |

## Power

| | | | |
|---|---|---|---|
| LED power | **39 W** | Circuit power | **43 W** |

## Construction

| | | | |
|---|---|---|---|
| Housing | **Steel body and end caps** | Finish | **Full polyester powder coat** |
| Body colour | **White (RAL 9016)** | Optical assembly | **Polycarbonate high efficiency LED lenses with twin polycarbonate diffusers** |

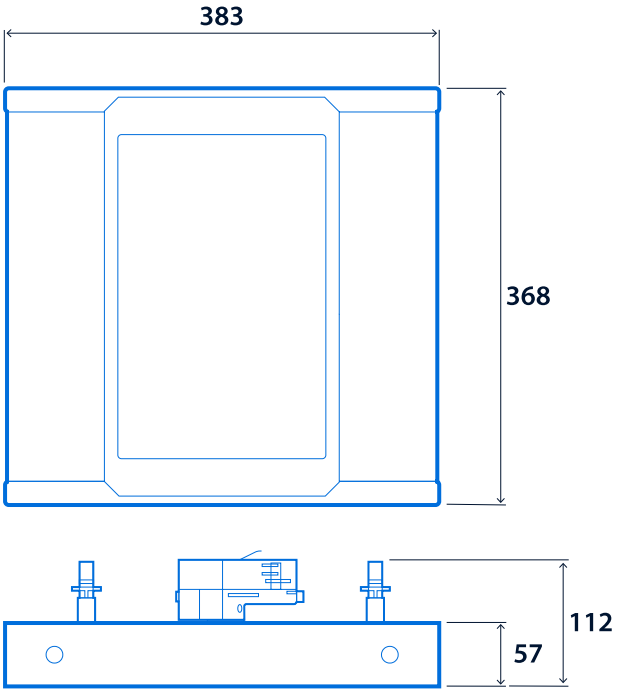
## LED characteristics

| | | | |
|---|---|---|---|
| CRI | **80+** | Colour temperature | **4000 K** |
| Rated life (hours) | **100 K - L80/B10** | LED protection | **LUX Guard** |
| Driver efficiency | **>92%** | 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** | | |

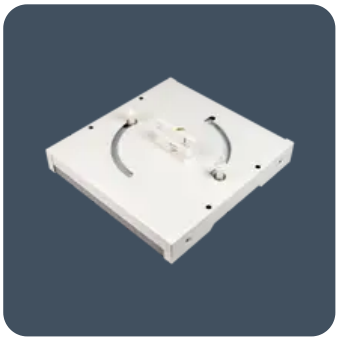
## Dimensions



## Range

| LED power | CAT. No. | Lighting control system |
|---|---|---|
| 39 W | **DU20816** | **A / L** |

**Lighting control system -** suffix catalogue number with **A** Dimming (DALI) / **L** Non-dimming
E.g. **DU20816A** = 39 W / Dimming (DALI)


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