High Dependency Modular

Recessed LED luminaires for use in high dependency/intensive care ward areas

Designed specifically for crucial healthcare environments, the Thorlux High-Dependency Modular is a recessed luminaire with a steel body and aluminium frame.

The High-Dependency Modular contains two circuits with separate optics in one luminaire. For general lighting, a 56 W LED is controlled via DALI gear behind a high-efficiency Miro louvre, delivering a controlled cut-off for maximum patient comfort. Additionally, for examination lighting, a separate 56 W LED is behind a satin cover.

Applications: high-dependency/intensive care hospital wards.

- Two circuits with separate optics in one luminaire - General Lighting - 56W LED controlled via DALI gear behind a high efficiency Miro louvre delivering a controlled cut off for maximum patient comfort / Examination Lighting - 56W LED (non-dimming) behind a satin polycarbonate diffuser
- Combination of both optical elements provides the full examination level of 1000 Lux
- Easy clean surface
- Extruded aluminium snap fix screw-less frame
- Supplied with side arm suspension kit

Notes: Dimming for louvre side only, two independent circuits in one luminaire. CRI 90 option available to special order.

IP54

Specification

Mounting	**Recessed**	IP rating	**IP54**
Nominal size	**600 x 600 mm**		

Power

LED power	**112 W**

High Dependency Modular

Construction

Housing	**Steel body with aluminium frame**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**High efficiency Miro louvre / satin polycarbonate diffuser**

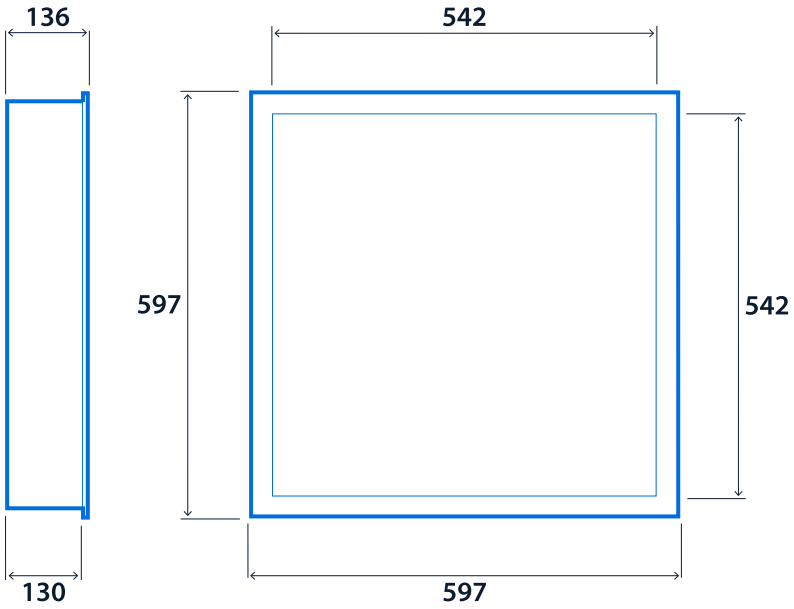
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**50 K - L70/B10**	Driver efficiency	**>90%**
Replaceable light source	**Yes**	Power factor	**>0.9**
MacAdam ellipse	**3 Step**	Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**

Compliance

UKCA	**Yes**	CE	**Yes**
Thermoplastic rating	**TP(a)**		

Dimensions



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Range

Nominal size	LED power	CAT. No.	Lighting control system
600 x 600 mm	112 W	**HD16241**	**A**

Lighting control system - suffix catalogue number with **A** Dimming (DALI)
E.g. **HD16241A** = 112 W / Dimming (DALI)

Kits

Product code	Description	Weight
HD18285	High Dependency Modular Kit - 1 x HD18770A 112 W LED DALI dimming and 1 x ECO16150 Eco-Touch	-

Click or scan here

View High Dependency Modular variants using our online filtering tool

Information is correct as of 10-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.