High Dependency Linear

Recessed luminaires for high-dependency/intensive care ward areas

Designed for life-crucial hospital applications, the High-Dependency Linear is a recessed luminaire with a steel body and an aluminium frame.

The High-Dependency Linear has been designed with an ultra-low-glare V-blade louvre set behind a clear polycarbonate cover. The asymmetrical distribution of this cover directs light towards the patient's bed. An outstanding Colour Rendering Index (CRI) rating of 90+ ensures clearer, more accurate colours for patient inspections.

Applications: high-dependency/intensive care hospital wards.

- Asymmetrical distribution directs light towards bed
- Ultra low glare V-blade louvre set behind a clear polycarbonate cover
- Snap fix screw-less frame
- Supplied with side arm suspension kit
- Fits 24mm exposed T-bar ceilings (other ceiling type options available to special order)
- ColourControl versions available to special order



IP54 (IP20 above ceiling) **73.0 LL/CW**

Specification

Mounting	**Recessed**	IP rating	**IP54 (IP20 above ceiling)**
Nominal size	**1200 x 150 mm**		

Lighting

Optic	**V-blade louvre**	Distribution	**Double asymmetric**
Lumen output	**3,140 lm**	Efficacy	**73.0 LL/CW**

Emergency data

Emergency lumen output	**340 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

High Dependency Linear

Power

LED power	**38 W**	Circuit power	**43 W**

Construction

Housing	**Steel body, welded and linished steel frame**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**Ultra low glare V-blade louvre set behind a clear polycarbonate cover**

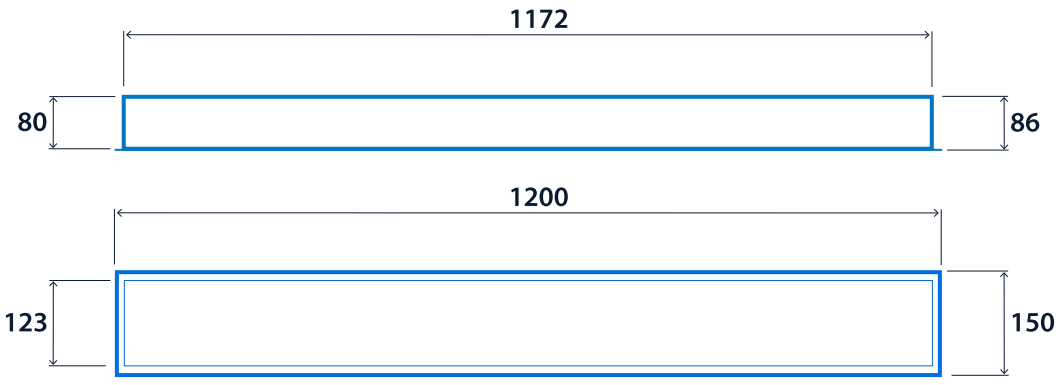
LED characteristics

CRI	**90+**	Colour temperature	**4000 K**
Rated life (hours)	**70 K - L70/B10**	Driver efficiency	**>85%**
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**
Energy efficiency class	**This product contains a light source of energy efficiency class B**	Thermoplastic rating	**TP(a)**

Dimensions



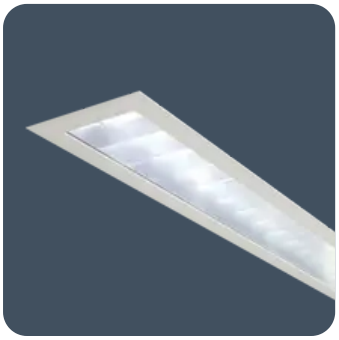
High Dependency Linear

Range

Nominal size	LED power	Emergency system (optional)	CAT. No.	Lighting control system
1200 x 150 mm	38 W	**T / E**	**HD16245**	**A / L**

Emergency system - prefix catalogue number with **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **A** Dimming (DALI) / **L** Non-dimming

E.g. **THD16245A** = 38 W / AutoTest Emergency / Dimming (DALI)



Click or scan here
View High Dependency Linear variants using our online filtering tool



Information is correct as of 16 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.