# 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** |

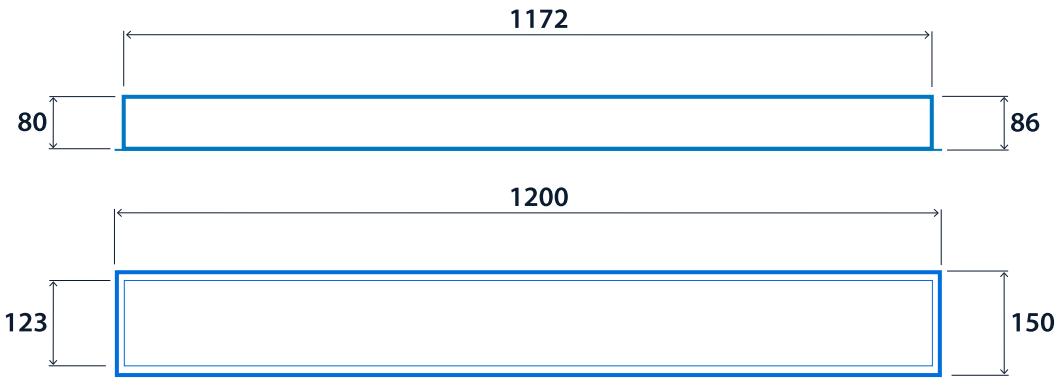
## LED characteristics

| | | | |
|---|---|---|---|
| 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



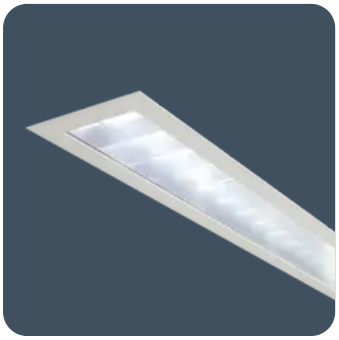
# High Dependency Linear

## 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 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.