

## Description

Rectangular shaped luminaire with dedicated LED light source for ceiling and wall surface or suspension application. The outer aluminium sheet metal body is bent into a perfect U-shape. Inside this metal body, there is another aluminium plate that is U-shaped. The aluminium plate is on both ends 22mm shorter than the outer shell, resulting in an offset look at both ends. This aluminium plate has a rectangular cut-out that holds a rounded tubular diffuser that is clicked on top of the linear LED pcb's. The LED pcb's themselves are screwed on a galvanised steelplate. Behind this steelplate all electrical components (such as the LED driver, connector and wiring) are housed. The bodies are available in two lengths (974mm and 1274mm) and in two widths (1 row and 2 row LED).

The back of the outer body contains slotted holes for both surface mounting as for use with a suspension set.

No visible screws or wires after installation.

## Materials

- Aluminium housing finished with a scratch resistant fine textured powder coating in white or matt black
- Aluminium inner body finished with a scratch resistant fine textured powder coating in white or matt black
- Galvanised steelplate LED plate
- Aluminium housing finished with a scratch resistant fine textured powder coating in white or matt black
- PMMA white diffuser

## Technical characteristics

- Dimensions:
  - 2 lengths: 974mm and 1274mm
  - 2 widths: 48mm (single row LED), 98mm (double row LED)
  - 56mm high
- Linear PCB's with medium power LED's
- Colour temperature: 2700K or 3000K
- CRI 90+
- 3SDCM
- Luminaire output: (for 3000K single row LED, white painted)
  - 974mm: 1183lm
  - 1274mm: 1576lm
- Luminaire efficiency: 60,1%
- Luminaire power consumption (single row LED):
  - 974mm: 17W (69.6lm/W)
  - 1274mm: 22W (71.6lm/W)
- UGR 26
- Built-in LED driver: non-dimmable, 1-10V or DALI/Pushdim
- Warranty period: 5 years on LED, 2 years on drivers
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use

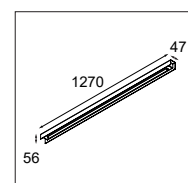
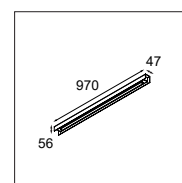
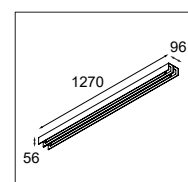
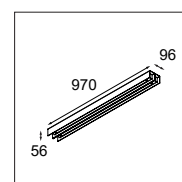
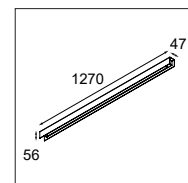
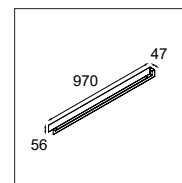
## Installation

- SURFACE:** Direct mounting on ceiling or wall via slotted holes at the backside of the outer body with universal chipboard screws  $\varnothing 4\text{mm}$  (not included). Electrical connection to mains with included 5 pole terminal block (0.75 to 2.5mm<sup>2</sup>) suitable for through wiring.
- SUSPENSION:** The backside of the outer body is fitted with key holes to accommodate the optional suspension set for easy installation. Connect power feed cable of the suspension set to the mains with 5 pole terminal block (0.75 to 2.5mm<sup>2</sup>) suitable for through wiring.

## Accessories

- Optional cover plates (finished in scratch resistant fine textured powder coating in white or matt black) can be added as an outer shell to combine colours.  
The dimensions of the cover plates:
    - For the 1 row LED luminaire: width 56mm, height 63mm (available in lengths of 974mm and 1274mm)
    - For the 2 row LED luminaire: width 105mm, height 63mm (available in lengths of 974mm and 1274mm)
- Also an asymmetric outer shell (only available for the 1 row LED luminaire), with different height for the left and right leg of the shell.  
Dimensions:  
Width 56mm, height of the legs: 46mm for the short leg, 63mm for the long leg (available in lengths of 974mm and 1274mm)

- Optional suspension sets: 4 meter steelcable and feedcord (3x 0,75 or 5x 0,75mm<sup>2</sup>), in twin suspension version, or separate steelcables



## Standards and directives:

- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECODESIGN Directive
- 245/2009/EC + 347/2010/EU - ECODESIGN Directive
- 1194/2012/EU - ECODESIGN Regulation
- EN 60598-1:2008 +A11:2009 - Luminaires. General requirements and tests
- EN 62471:2008 - Photobiological safety of LED lamps and lamp systems
- EN 62493: 2010 - Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 60598-2-1: Fixed general purpose luminaires
- EN 55015:2006 +A1:2007 +A2:2009 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2:2006 +A1,A2:2009 - Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)
- EN 61000-3-3:2013 - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection
- EN 61547:2009 - EMC Immunity Requirements
- EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances