

Description

Slim U-shaped customisable LED profile for continuous direct lighting. The unit consists of a base with polycarbonate diffuser or aluminium top cover. The light source can be chosen: or downlight LED line modules, downlight fixed spotlight LED modules or adjustable surface mounted spotlight LED units. The base can be surface mounted or suspended with integrated driver or remote driver. Maximum length of one profile is 6000mm.

Materials

- Base: aluminium with scratch resistant fine textured powder coating in matt white or matt black
- Diffusor: polycarbonate
- Endplate: aluminium with scratch resistant fine textured powder coating in matt white or matt black
- Connection plate 180° or 90°: galvanized steelplate
- Suspension cables: steel
- Ceiling mount: aluminium with scratch resistant fine textured powder coating in matt white or matt black

Technical characteristics

- Dimensions base with integrated cover: 36 mm x 78 mm (H x W)
- Average base thickness: 2mm
- Average weight of empty base: 1,8 kg/m
- Suitable for continuous light line with high-power LED line modules of 3850 lm/m (3000 K), power consumption 24.2 W/m
- High-power LED line modules: CRI 80+ and 3SDCM
- Suitable for downlight fixed LED modules with 3000K high-power COB of 1114 lm (for medium reflector), luminaire efficiency: 95%. Power consumption 13W.
- Suitable for adjustable LED modules with 3000K high-power COB of 1134 lm (medium reflector), luminaire efficiency: 86%. Also available with flood reflector. Power consumption 19W.
- Modules with COB LED also available in 3000 K or 4000 K on request
- Modules with COB LED: CRI 90+ and 3SDCM
- Control options with electronic LED drivers: non-dimmable, 1-10V, Dali or Pushdim
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use
- Warranty period: 5 years on LED, 2 years on drivers

Installation

- Fully tested and preinstalled halogen-free wiring. Ready to connect to mains via any connection point (connectors included in base)
- Drivers, LED lines and COB LED are preinstalled in base and easy to replace
- Surface mounted: slotted holes in base. Fix with standard chipboard screws, maximum diameter 4.5mm (not included)
- Suspended: suspension set and steel cable available separately. Height adjusted at ceiling side.

Accessories

- 180° connection plate
- 90° connection plate
- Endplate, attached to the base without any visible screws
- Suspension set with steel cable, transparent 3 or 5 pole power cable, with matt black/white fine texture powder coated ceiling mount

Standards and directives:

- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECO design Directive
- 245/2009/EC + 347/2010/EU - ECO design Directive
- 1194/2012/EU - ECO design 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 ≤ 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 ≤ 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

