

## Description

Slim round shaped customizable LED linear profile system for non-continuous direct or indirect lighting (or a combination of both).

The units consist of an aluminium base, medium-power 2 feet LED boards (for both up or down light) and a dedicated optical system.

The optical system is the core of this luminaire and consists of a combination of state-of-the art components: a bright white reflective foil, a batwing foil, a PMMA diffuser laminated with a glare control film and an optional chromed grid for optimum efficiency and optical comfort.

The profile system is compliant with the EN12464-1 and thus suitable for use in offices or any other workspaces where the lighting requirements are demanding.

The lighting units come in two standard lengths: 1260mm and 1820mm and each of them is suspended on thin black steel cables.

The units are mechanically connected with a click system that makes installation very easy. This click system also ensures that two profile units connected together can also be rotated 360° relative to each other afterwards. In this way, a downlight can also be turned into an uplight.

Moreover, each lighting unit is electrically fully pre-wired with halogen-free wiring and contains five-pole male and female electrical connectors, which also makes the electrical connection between different units very easy.

## Materials

- Profile base: extruded aluminium finished with scratch-resistant fine textured powder coating in matt white or matt black. Available in multiple anodized, spray painted, brushed or polished colours and finishes on request.
- End caps: aluminium finished with scratch-resistant fine textured powder coating in matt white or matt black. Available in multiple anodized, spray painted, brushed or polished colours and finishes on request.
- Mechanical clicker system: injection moulded black polycarbonate
- End and middle parts for suspension set: diecasted aluminium, finished in matt black spraypaint
- Diffuser: PMMA, 1.9mm
- Uplight lens: polycarbonate clear
- Glare reducing grid: black polycarbonate, finished with ultra-thin chrome layer
- Suspension wire: blackened steel
- Feedcord: black, 5x0,75mm<sup>2</sup>
- 5-pole connector: PA66

## Technical characteristics

- Unit dimensions: ø60, lengths of 1260mm or 1820mm
- Average base thickness: 1.5 mm
- Medium-power LED technology
  - >CRI90
  - Binning of 3SCDM
  - Light output:
    - Downlight: 3015lm (3000K, 1820mm module, batwing foil and chrome anti-glare grid), 36,2W (driver included), 83 lm/W, UGR22
    - Uplight: 2777lm (3000K, 3ft module, clear PC lens) 24,7W (driver included), 112lm/W
  - L95B05 @ 50.000 hrs lifetime
  - Integrated electronic LED drivers: non-dimmable, DALI/Pushdim (Dali-2) flicker and noise-free dimming via amplitude modulation (AM)
- Power: 220-230V, 50-60Hz
- Class 1
- 960°C Glowwire rating
- Only for indoor use
- Warranty period: 5 years on LED lamps, 5 years on drivers



## Installation

- Fully tested and preinstalled halogen-free wiring. Ready to connect to mains via any connectionpoint. Integrated 5-pole screwless connector suitable for solid and stranded wires from 0.5-2.5mm<sup>2</sup>
- Drivers and LED lines are preinstalled in the unit and easy to replace
- Suspended: Steel cable and bracket. Height adjusted at profile side. Position alongside the profile adjusted by sliding the bracket in the back of the profile.

## Accessories

- Must be combined with suspension sets. The number and type of suspension set will depend on the length of the profile configuration and the location where you want to get the feedcord in the luminaire (centrally or at one of both ends). The suspension sets include the steelcable. Steelcable can be shortened to the suitable length at the luminaire side.
- Power feed available for surface or semi-recessed ceiling mounting. Power feeds include 5 splicing connectors for wire sections from 0.2 to 4mm<sup>2</sup>

### 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 60598-2-2:2012 - Recessed 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