

## Description

Cylindrical track mounted LED luminaire, consisting of two main components: a LED housing with built-in trailing edge dimmable or DALI LED driver and L-shaped pivoting bracket that holds the 3 phase adapter (trailing edge dimmable or DALI). The back of the LED housing contains airvents for optimal heat dissipation of both LED and LED driver.

3 different types of reflector can be added: spot, medium or flood beam angle. Each reflector has a clear protection cover in front. The reflector is fitted in a matt black outer ring for optimal optical comfort.

The LED housing can be rotated 90° around the bracket and 365° around the adapter.

The phases of the universal 3 phase adapter can be easily chosen, simply by sliding a selector.

No visible wiring.

Available in 3 versions: LED housing diameter 65mm, 85mm and 100mm.

## Materials

- Aluminium LED housing, back grid and pivoting bracket, finished with a scratch resistant fine textured powder coating in white or matt black
- 3-phase adapter: polycarbonate black or white
- Reflector: high-gloss aluminium
- Reflector protection cover: clear polycarbonate
- Reflector ring: polycarbonate matt black

## Technical characteristics

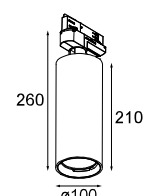
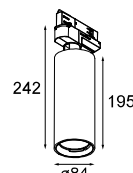
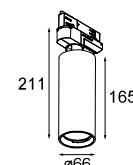
- Dimensions  $\varnothing 65$  version:  $\varnothing 65$  mm x 165mm ( $\varnothing$  x H excl. adapter)
- Dimensions  $\varnothing 85$  version:  $\varnothing 85$  mm x 195 mm ( $\varnothing$  x H excl. adapter)
- Dimensions  $\varnothing 100$  version:  $\varnothing 85$  mm x 210 mm ( $\varnothing$  x H excl. adapter)
- Reflectors available for all luminaire diameters in: spot (15°), medium (25°) and flood (40°)
- COB high-power LED
- Colour temperature: 2700K, 3000K, 3500K or 4000K
- CRI 90+
- 3SDCM
- Luminaire output, power consumption and efficiency:
  - $\varnothing 65$ : 1329 lm, 17W, 78 lm/W, UGR12 (for 3000K, medium, white)
  - $\varnothing 85$ : 2543 lm, 27.5W, 92 lm/W, UGR14 (for 3000K, medium, white)
  - $\varnothing 100$ : 3409 lm, 34.5W, 99 lm/W, UGR19 (for 3000K, medium, white)
- Built-in LED driver, mains (trailing-edge) dimmable or DALI dimmable
- Warranty period: 5 years on LED, 2 years on drivers
- Lifetime: L80B20 @50.000 hours
- Power: 220-230 V, 50-60 Hz
- Glowwire rating: 960°C
- Class 1
- Only for indoor use (IP20)

## Installation

- For installation on a universal 3 phase track rail or Global Pulse 3 phase DALI track rail

## Accessories

- Reflectors which can be easily pushed in and changed afterwards



## 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 - 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  $\leq 16$  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