

## Description

Surface mounted aluminium LED armature consisting of a curved hippodrome-shaped ceiling base with built-in driver and equipped with either 1, 2 or 3 dome-shaped lamp units with recessed LED light.

The lamp units can be rotated 360° vertically and 45° horizontally and are positioned asymmetrically on the base. No visible screws or other fixtures.

## Materials

- Aluminium ceiling base and dome-shaped lamp units finished with a scratch resistant fine textured powder coating in white or matt black
- Reflector: high-gloss aluminium and anodized gold or champagne; available separately

## Technical characteristics

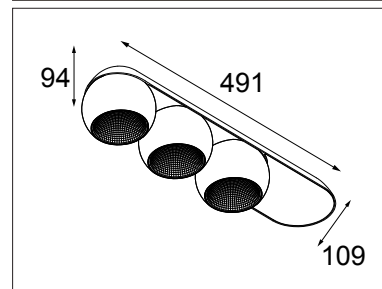
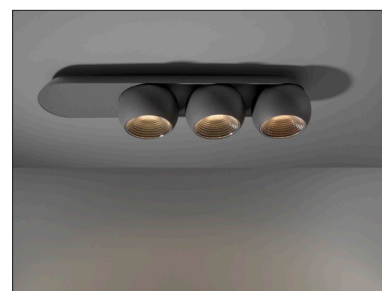
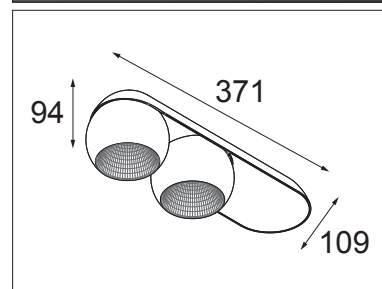
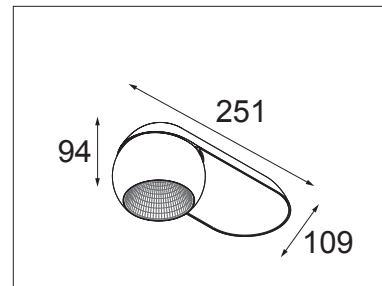
- Dimensions 1 lamp unit: 251 mm x 109 mm x 94 mm (L x W x H)
- Dimensions 2 lamp unit: 371 mm x 109 mm x 94 mm (L x W x H)
- Dimensions 3 lamp unit: 491 mm x 109 mm x 94 mm (L x W x H)
- Reflectors:
  - superspot (10° alu-champagne-gold)
  - medium (25° alu-champagne-gold)
  - flood (40° alu-champagne-gold)
- Reflectors - warm dim:
  - medium (25° alu)
  - flood (40° alu-champagne-gold)
- COB high-power LED
- Colour temperature: 2700K or 3000K (3500K and 4000K available on request), also available with warm dim technology
- CRI 90+
- 3SDCM
- Luminaire output per lamp-unit: 700 lm (for 3000 K, medium)
- Luminaire efficiency: 95%
- Power consumption: 9.3 W per LED unit
- UGR < 19
- Control options with electronic LED drivers: phase-cut dimmable/1-10V/Dali-Pushdim
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use

## Installation

- Base mounted with two universal chipboard screws of max.  $\varnothing$  4.5 (not included)
- Electrical connection: connection to LED driver (0.5-1.5 mm<sup>2</sup>)
- Cover plate latches magnetically

## Accessories

- Reflectors available depending the LED source:
  - **for 2700K and 3000K LED:**  
Magnetic reflectors in high-gloss aluminium, gold and champagne anodized aluminium available in following beam angles:
    - superspot (10°)
    - medium (25°)
    - flood (40°)
  - **for warmdim LED:**  
Magnetic reflectors in high-gloss aluminium available in following beam angles:
    - medium (25°)
    - flood (40°)
 Magnetic reflectors in gold and champagne anodized aluminium only available in flood (40°) beam angle



#### 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