

EXTRUDED TRACK 48V SUSPENDED 46 300 1X
EXTRUDED TRACK 48V SUSPENDED 46 600 1X
EXTRUDED TRACK 48V SUSPENDED 46 900 1X

Description

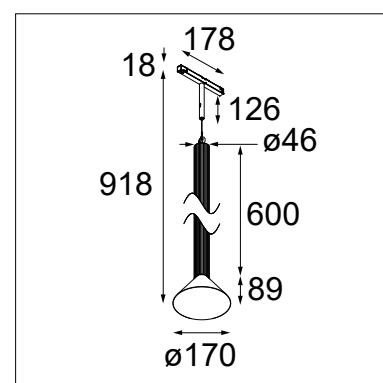
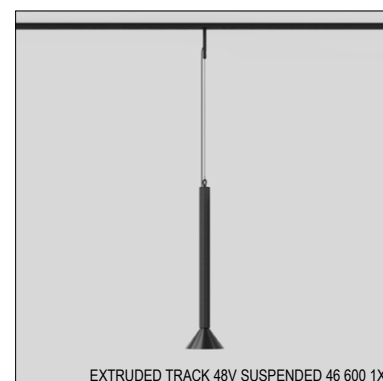
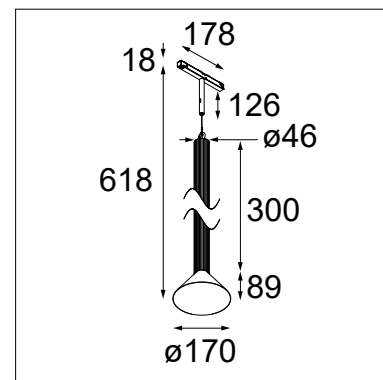
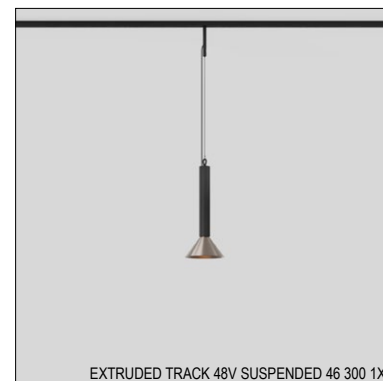
An architectural, cylindrical high-power LED pendant 48V track mounted luminaire.
The luminaire consists of 5 main components: a conical lampshade, a ribbed extruded tube, a looped hook, a LED module, an adapter tube and a 48V low voltage adapter.
The adapter contains the electronic convertor (DALI or 1-10V) that converts 48V DC into a constant current.
The lampshade is held into the extruded tube by means of a mechanical spring system.
The ribbed tube contains the LED module. The LED module contains a high-power COB LED, an aluminium miniaturized flood reflector (40°) and a heatsink. The LED module itself is covered with a clear polycarbonate protection plate.
The luminaire comes with 2 meter matt black power cable and is connected to the adapter tube by means of a steelcable. The steelcable is looped in the hook at the backside of the tube.
The steelcable can be adjusted according the need of pending height.
Available in three tube lengths: 300mm, 600mm and 900mm.
The luminaire is available in many rich anodized colours or in matt white powder coating.
No visible screws after installation.
Only for indoor use, IP20 protection class.

Materials

- Aluminium ribbed extruded tube, anodized or powder coated. Available anodization colours: black, bronze, blue or champagne. Or finished in fine-structured scratch-resistant matt white powder coating.
- Aluminium conical lampshade, brushed and anodized or powder coated. Available anodization colours: black, bronze, blue, champagne or silver bronze. Or finished in scratch-resistant matt white spraypaint.
- Aluminium adapter tube, finished scratch-resistant powder coating
- Aluminium diecasted looped hook, finished in scratch-resistant powder coating
- Aluminium reflector, high gloss
- Aluminium heatsink, finished in black electroplating
- Internal leaf springs: stainless steel
- Clear polycarbonate LED protection cover
- Ledholder: black polycarbonate
- Power cable: 2-pole FEP/TPE, 2x 0,3mm², matt black, outer diameter 3.8mm
- Adapter: polycarbonate black or white

Technical characteristics

- Dimensions: $\varnothing 170$ mm (lampshade), $\varnothing 46$ mm and length 300mm/600mm/900mm (tube)
- Reflector flood beam angle (40°)
- COB high-power LED
- Colour temperature: 2700K, 3000K or warmdim (1800-3000K)
- CRI90+
- 2SDCM
- Luminaire output: 755lm (3000K for matt white lampshade)
- Power consumption: 8.5W (driver excluded)
- Luminaire efficiency: 76% (3000K for matt white lampshade)
- UGR 23.7 (3000K for matt white lampshade)
- Available with 1-10V or DALI driver
- Class 3
- Only for indoor use (IP20)
- Lifetime: L80 B20 @50.000 hours
- Warranty period: 5 years on LEDs and LED drivers
- Glow wire rating: 960°C



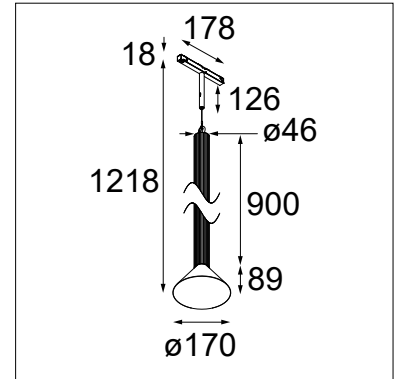
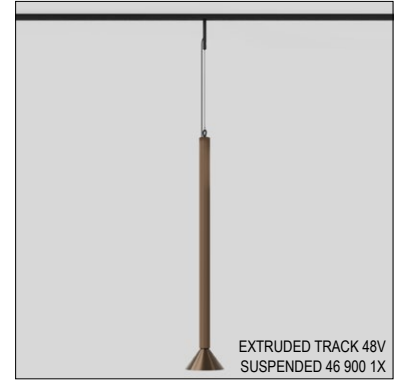
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Installation

For installation in a single phase low voltage (48VDC) dimmable magnetic track system

Accessories

- none



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 ≤ 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