

ALLUMETTE – PENDANT LIGHT

SOLID GLASS BODY WITH COOLING DETECTION AND HIGH-POWER LED AS PENDANT LUMINAIRE.

Perfectly shaped design through maximum reduction give this pendant lamp a strong character. The metallic square tube serves as a socket and cooler. The glass bodies are made by hand.

Technical specifications

Voltage	24 V DC (CV)	Colour temperature	2,000–2,700 K
Power	approx. 7 Watts	Weight	approx. 1,8 kg
Luminous flux / efficiency	100 lm / 30 lm/W	Dimensions (L x W x H)	approx. 40 x 40 x 455 mm

LED modules with various colour temperatures:

„Warm white LED“: 2.700 K, > 90 Ra; „Amber LED“: 2.000 K, > 80 Ra;

„Tuneable white LED“: 2.000–2.700 K (adjustable colour temperature), > 80→90 Ra.

Lifespan of the LED module: approx. 40,000 hours; can be replaced by electrician.

Control technology

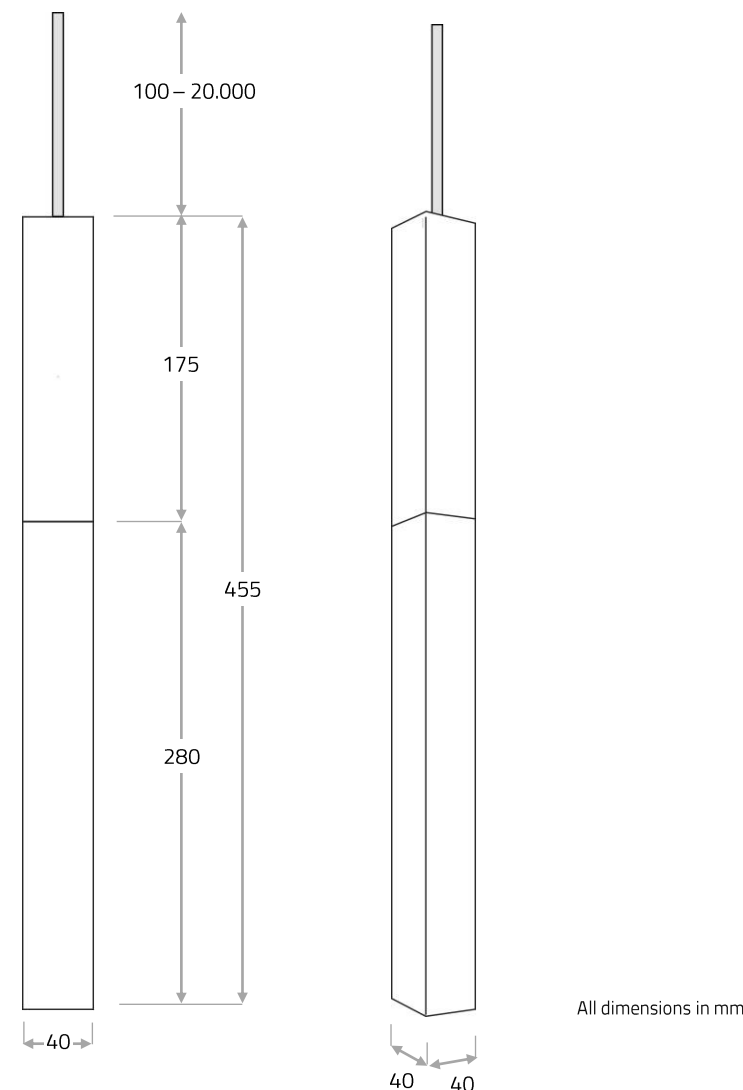
The light fixture is dimmable with interface for phase cut (trailing edge) dimming, 1–10 V, pushdim, remote control, DALI, or CASAMBI. Dimmer / power supply units have to be installed externally; switches / controllers to be provided by the customer.

Ceiling bracket / cable

DB 060 surface-mounted. DB 075 and DB 032 flush-mounted. The cable consists of wire-coated, tin-plated steel mesh (4.0 mm). Standard cable length 2 m, individual cable length up to 20 m.

Material

Please select your preferred surface finish for the socket and ceiling bracket in the “Material” section of our website.



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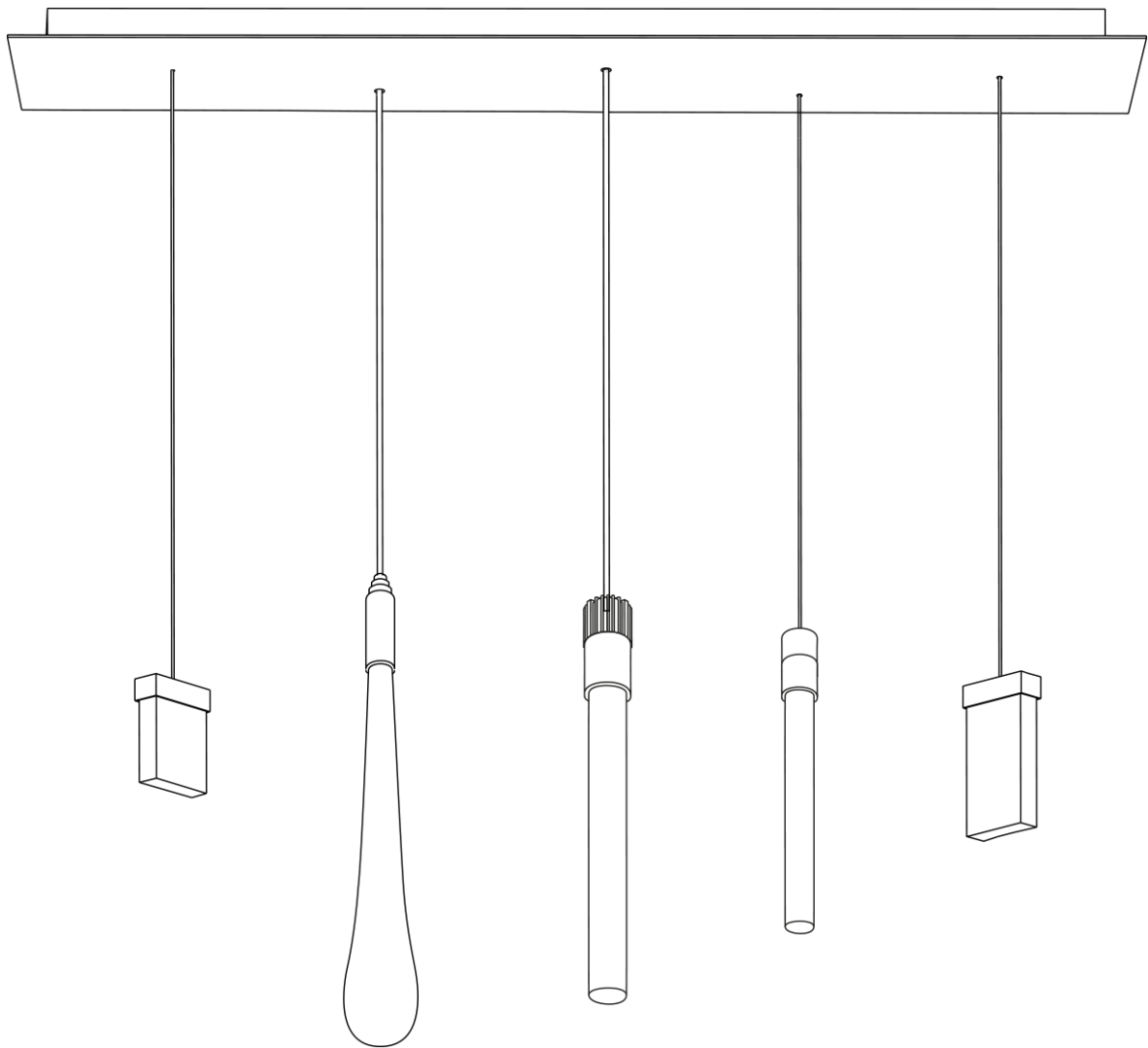
Massifcentral Manufactur GmbH, Eiswerderstr. 16, D-13585 Berlin

Phone +49 (0)30 33 30 80 30 00, info@massifcentral.de, www.massifcentral.de

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All dimensions in mm



Installation and care instructions

CEILING BRACKET CANOPY (DB BAL)



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This instruction is valid for canopies for:

GRAND CRU, PETIT CRU, FLEUVE, GRAND PISTON und PETIT PISTON

Important information please read carefully prior to assembly!

Each light is subject to quality control and testing before it is dispatched. Please unwrap the components carefully! The polished or nickel-plated metal surfaces of the product are sensitive. Do wear gloves and mount the parts on soft pads like blankets etc. The glass is sensitive to hits and may be damaged or scratched when handling is not gentle. Leave the bubble foil on the glasses as long as possible to prevent damages during the mounting procedure.



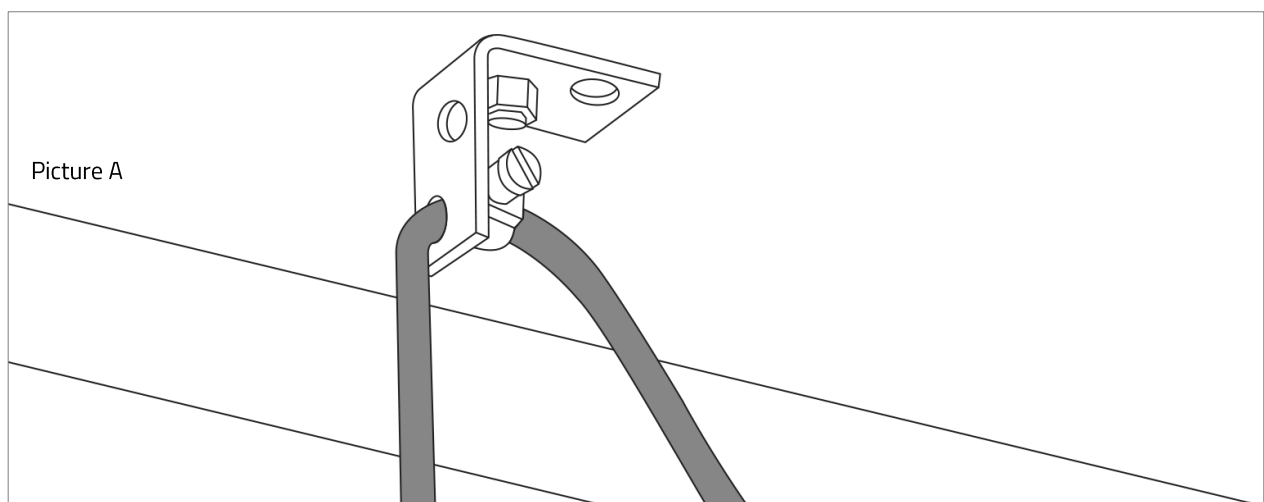
This is a low-voltage LED light! Always use the included power supply and never connect the light cable directly to the 220 V mains network. This would destroy the light completely.

Important! Electrical devices may only be installed and assembled by qualified electricians. Applicable health and safety regulations must be observed. Shut off the mains supply (switch off the automatic circuit breaker) before commencing work on the device in order to prevent electric shocks. Failure to adhere to the installation instructions may cause fires or other hazards.

Important! Do not twist the wire-insulated light cable!

Mounting

1. When delivered, the canopy cover is attached to the canopy box (ceiling attachment) with magnets. To be on the safe side, please only lift both of them out of the box together.
2. Detach the canopy cover from the canopy box. On one of the short sides of the canopy there is a slot in the canopy box. At this corner, carefully pry/loosen the canopy cover first. Do this with the help of a screwdriver, in order to then lift off the entire canopy cover.
3. Detach the canopy cover from the canopy box. On one of the short sides of the canopy there is a slot in the canopy box. At this corner, carefully pry/loosen the canopy cover first. Do this with the help of a screwdriver, in order to then lift off the entire canopy cover.
4. Align the canopy lid so that the hole numbers on the plate and jar match. The canopy box is pre-equipped with wire cables as an assembly aid (hook designation "MH"). When the box is attached to the ceiling, thread the cables of the mounting aid through the hooks of the canopy cover and lock them with the clamps provided. After that, the canopy lid should "float" about 20-50 cm under the box.
5. First thread the cables of the lights from below through the holes in the canopy and then into the lower hole of the corresponding mounting bracket (note the numbering!) in the box. The holes are numbered accordingly both on the canopy and in the box. Attention: Please note that the cables should be threaded in from the outside of the bracket (see image A), as the hole in the canopy plate refers to this and the canopy would otherwise not be able to be moved upwards later!
6. Screw the cables in the box with the enclosed cable clamps (copper sleeves) in the desired or marked position. Only tighten the cable clamps "hand warm" but still tight enough, otherwise the screws could squeeze the power cable. Please discuss with the builder at what height the lights should hang.
7. Individually align the diffusers with the surfaces in the room at the cable duct. Turn the cable by the hook, not by the socket! The cables are particularly torsion-resistant and this step must be carried out before the canopy is closed, as it is a tedious, additional work step afterwards.
8. Assemble all lights and wire them with luster terminals or Wago terminals and connect all cables to the power supply / dimmer. Then carry out a functional test.
9. Now the canopy plate is pushed up into the box until the magnetic lock engages. The cables of the mounting aid remain in the ceiling mount, please make sure that they do not bend out to the side when you push them up. If the canopy cover does not fit completely, please also check whether the snap hooks are seated correctly.



Electrical connections

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Connect the 220 V cable to the primary side of the power supply. Connect the secondary side of the power supply to the cable using the terminal block supplied and bearing in mind the correct polarity: red = plus = +, black = minus = -.

This light is equipped with the following interfaces dimming mode:

- | | |
|---|--|
| <input type="checkbox"/> External power supply | <input type="checkbox"/> Integrated power supply |
| <input type="checkbox"/> Dimmer with 1–10 V control voltage | |
| <input type="checkbox"/> DALI | |
| <input type="checkbox"/> Push dim, connection to a switch via cable | |
| <input type="checkbox"/> Phase dimmer | |
| <input type="checkbox"/> Wireless solution with remote control | |
| <input type="checkbox"/> RF sender | |
| <input type="checkbox"/> No dimmer | |

See also the enclosed instructions and/or labels on the component housings.

Operation and care

The outside of the socket may reach temperatures of up to approx. 60°C when in operation. Warning: risk of burning.

All metal surfaces of the light are nickel-plated or made of polished aluminum, and are therefore susceptible to scratches and improper treatment. Polished metal surfaces will gradually oxidise/anodise and develop a patina.

For cleaning we recommend the use of a moist cloth and standard glass care products.

Technical specifications

See attached datasheet.



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