



# BRAINLIT Luminaire Surface Mounts and Pendants Instruction Manual

[Home](#) » [BRAINLIT](#) » BRAINLIT Luminaire Surface Mounts and Pendants Instruction Manual 

## Contents

- [1 BRAINLIT Luminaire Surface Mounts and Pendants](#)
- [2 Mounting](#)
- [3 Electrical Installation](#)
- [4 Data](#)
- [5 Warning](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)



## BRAINLIT Luminaire Surface Mounts and Pendants

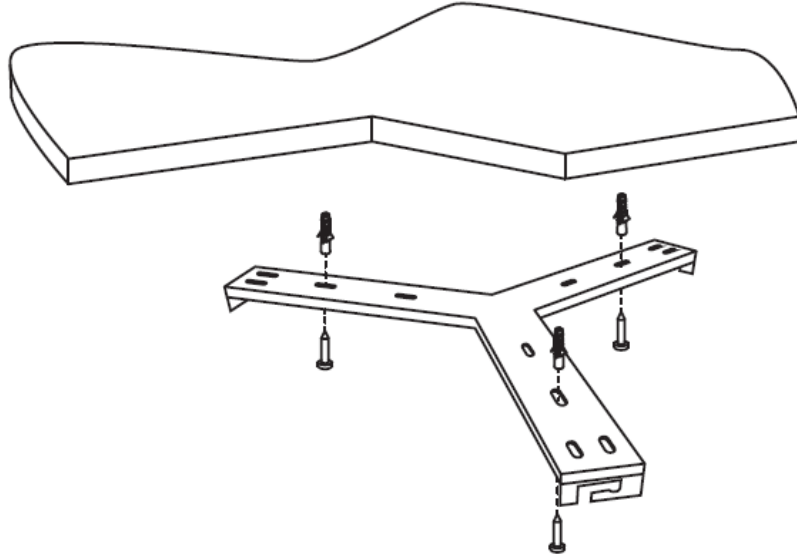


## Mounting

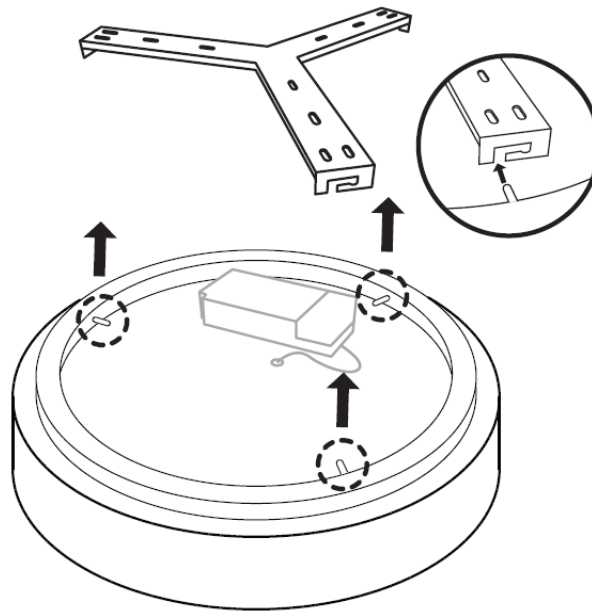
**BALDER** can be mounted in two different ways.

### Surface installation

1. -Install the bracket on the ceiling. Use screws and plugs suitable for your ceiling.

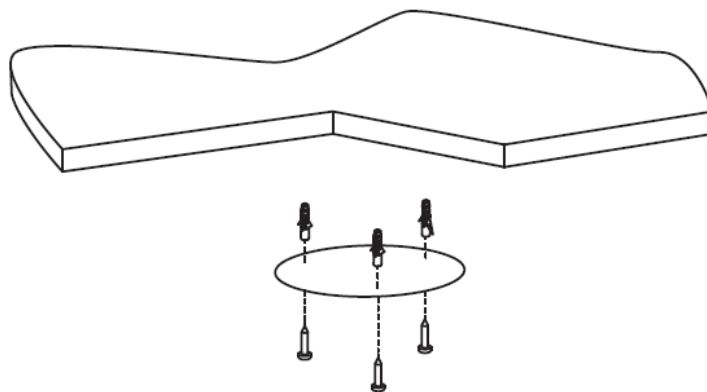


2. Perform the electrical installation according to standards and regulations in your region (see “Electrical installation”).
3. Connect the luminaire to the bracket. Make sure that the pins fit in the holes of the bracket. Rotate the luminaire slightly to make it stay.

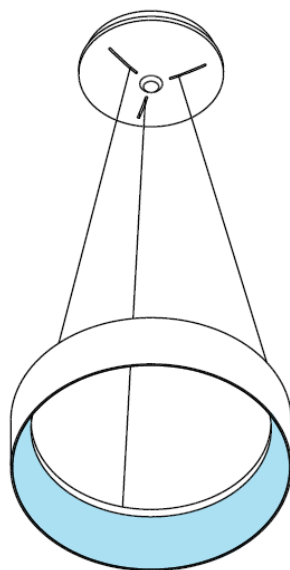


### Suspended installation

1. Install the canopy on the ceiling. Use screws and plugs suitable for your ceiling.

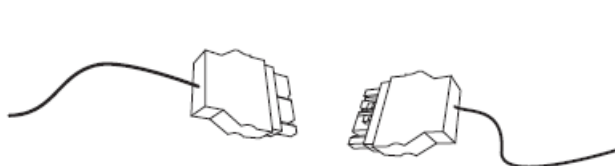


2. Perform the electrical installation according to standards and regulations in your region (see "Electrical installation").
3. Adjust height of the luminaire and attach the canopy lid.




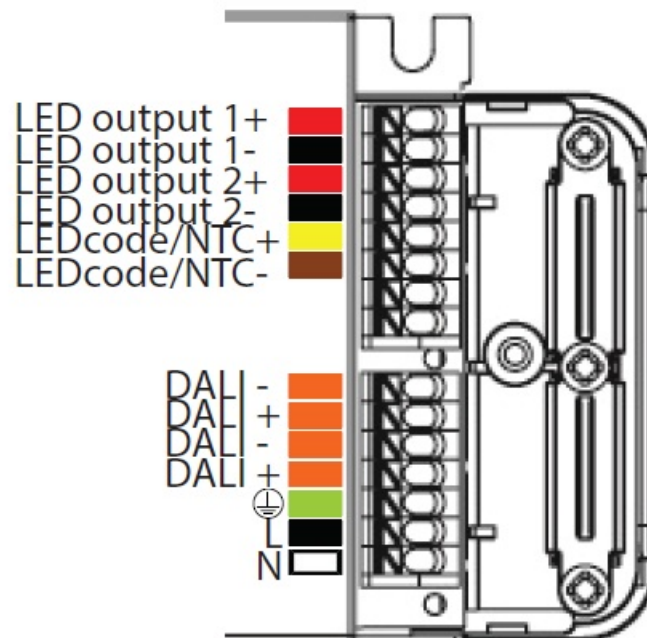
## Electrical Installation

**EU WAGO** Connect the WAGO connectors.



**EU terminal** Connect the two DALI wires to the orange terminals DA+ and DA-. DALI is polarity insensitive.

Connect neutral (N) to white terminal, line (L) to black terminal and protective ground () to green terminal.



## Data

### BALDER 90

Maximum circuit breaker B10 B13 B16 C10 C13 C16  
 loading (no of luminaires): @230V 21 27 33 21 27 33

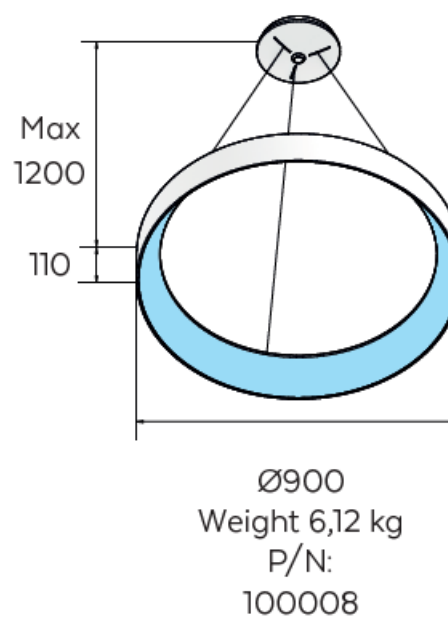
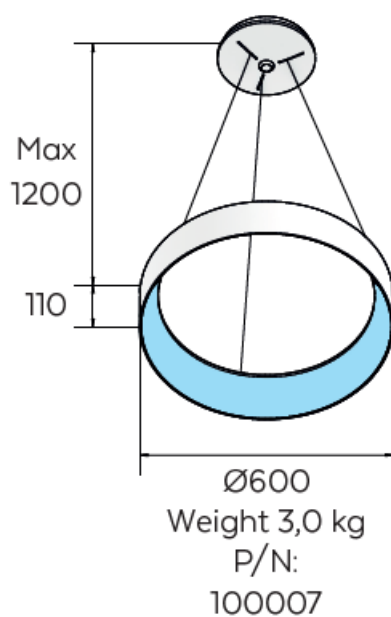
### BALDER 60

Maximum circuit breaker B10 B13 B16 C10 C13 C16  
 loading (no of luminaires): @230V 43 56 69 43 45 69

Format diameter: EU (mm): 600, 900 Pendant

Light source energy class: E

User-replaceable light source: No



## Warning

- Disconnect or turn power off before installation, maintenance or service.

- Installation requires knowledge of luminaire's electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- BrainLit's luminaires must be installed in compliance with international wiring regulations (EN, IEE, NEC etc.).
- Secure luminaire compatibility with input voltage and frequency.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects.
- Risk of fire or electric shock. Keep combustible and other inflammable materials away from lamp/lens.
- The luminaire is not suitable for covering with thermally insulating material.
- Do not operate in close proximity to persons, inflammable materials or substances affected by heat or drying.
- Wear gloves and safety glasses when removing luminaire from carton, installing, servicing or performing maintenance.
- Do not touch enclosure or light source.
- Allow lamp/luminaire to cool down before handling.
- The connecting cable is not waterproof.
- No user-serviceable parts inside of the luminaire.
- Luminaire to be independently supported to the building structure.
- Avoid direct eye exposure to light sources when the luminaire is on.

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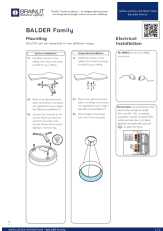
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## Documents / Resources

	<p><b><a href="#">BRAINLIT Luminaire Surface Mounts and Pendants</a></b> [pdf] Instruction Manual Luminaire Surface Mounts and Pendants, Surface Mounts and Pendants, Mounts and Pendants, Pendants</p>
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## References

-  [BrainLit • Lighting for health and wellbeing](#)

