

## wi4-be-1e-rl

BETONEINBAUSTRALER RECESSED SPOTLIGHT

TECHNISCHE DATEN  
TECHNICAL DATA

Hersteller *Manufacturer:* mawa  
 Artikel-Nummer *Article Number:* **wi4-be-1e-rl**

Spannung *Voltage:* 220 – 240 V  
 Netzfrequenz *Power freq.:* 50/60 Hz  
 Schutzklasse *Protection class:* I  
 Schutzgrad *Degree of protection:* IP 20

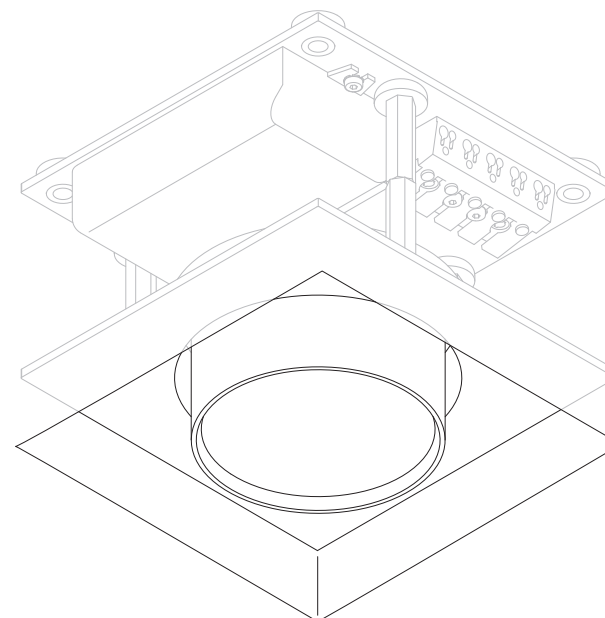
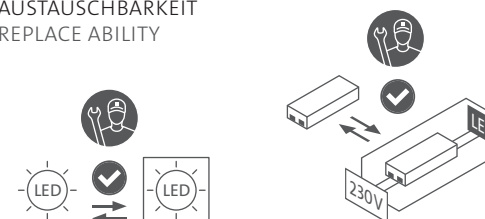
Leuchtmittelvarianten *Light source variants:*  
 HighCRI 1 × LED Modul / Ra > 95 (typ. 98)  
 d2w 1 × dim2warm-LED / Ra > 95 (typ. 97)

Leistungsvarianten *Performance variants:*  
 HighCRI 12,7 W 700 mA Vf 18,0 V  
 d2w 12,0 W 350 mA Vf 36,5 V

Schaltgruppen (SG) *Lighting Circuits (LC):* SG1 LC1 Lichtkopf 1 *spotlight 1*  
 (HighCRI + d2w)

mögliche Konverter erhältlich für:  
*optional converters available for:*  
 DALI (-4)  
 Phasenan- und abschnitt dimmbar  
*leading edge/trailing edge phase (-7)*  
 Bluetooth (-9)

Anschlussleistung *Connected load:*  
 Standard 15 W  
 dim2warm 16 W

AUSTAUSCHBARKEIT  
REPLACE ABILITY

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WICHTIG  
IMPORTANT

Montage nur durch einen autorisierten Elektroinstallateur!  
Niemals unter Spannung den Sekundäranschluss herstellen oder lösen! Die Lichtquelle dieser Leuchte darf nur vom Hersteller, einem von ihm beauftragten Servicetechniker oder einer vergleichbar qualifizierten Person ersetzt werden.

**Nur zur Installation außerhalb des Handbereichs vorgesehen!**

*Mounting only by an authorized electrician!  
Never connect or disconnect the secondary connection under voltage! Light source of luminaire is allowed to be replaced*

*by manufacturer, a service technician commissioned by manufacturer or a person with equivalent qualifications only.*

**Only to be installed outside of arm's reach!**

**Achtung:** Befestigungselemente wie bspw. Dübel müssen den Gegebenheiten vor Ort entsprechend ausgewählt werden!

**Attention:** Wall fixtures such as screw anchors have to be chosen according to local conditions!

Lichtfarbe / Herstellercode / EPREL-Kennung  
*Light colour / manufacturer code / EPREL-ID*

LED Modul High CRI / Ra > 95 (typ. 98)

|        |                           |        |
|--------|---------------------------|--------|
| 4000 K | CXB 1512-0000-000F0ZK4L5A | 977032 |
| 3000 K | CXB 1512-0000-000F0ZK230H | 977025 |
| 2700 K | CXB-1512-0000-000F0ZJ427H | 977022 |

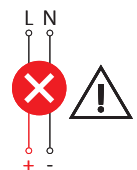
dim2warm-LED / Ra > 95 (typ. 97)

1800 K – 3000 K

BXRV-DR-1830H-1000-B-13 876258

VERKABELUNG – PRIMÄRANSCHLUSS  
WIRING – PRIMARY CONNECTION

primär primary



sekundär secondary

Erlöschen der Garantie!  
*Loss of guarantee!*  
Zerstörung der LED-Platine!  
*Danger of PCB damage!*

VERKABELUNG – SEKUNDÄRANSCHLUSS  
WIRING – SECONDARY CONNECTION

Treiber driver



LED

Treiber driver



LED

ENERGIEEFFIZIENZKLASSE  
ENERGY EFFICIENCY CLASS

High CRI 4000 K / High CRI 3000 K / dim2warm-LED

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F. *This product contains a light source of energy efficiency class F.*

High CRI 2700 K

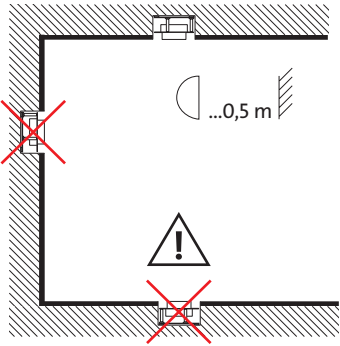
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse G. *This product contains a light source of energy efficiency class G.*

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## MONTAGEFLÄCHEN MOUNTING SURFACES

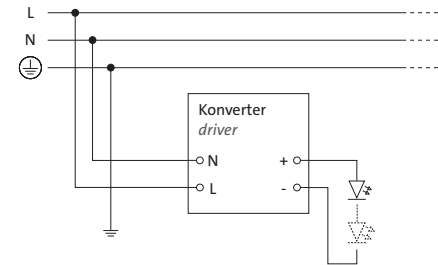


## SCHALTPLÄNE NACH BETRIEBSGERÄT WIRING DIAGRAMS FOR EACH CONTROL DEVICE

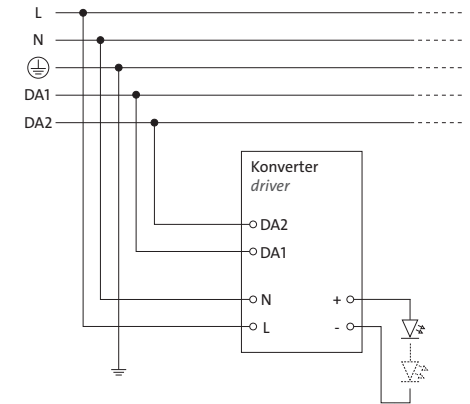
**HINWEIS:** Nicht alle hier gezeigten Betriebsgeräte bzw. Dimmungen sind für jedes Produkt verfügbar. Die Anzahl der gezeigten LEDs ist nur exemplarisch.

**PLEASE NOTE:** Not all operating devices or dimming shown here are available for every product. The number of LEDs shown is only an example.

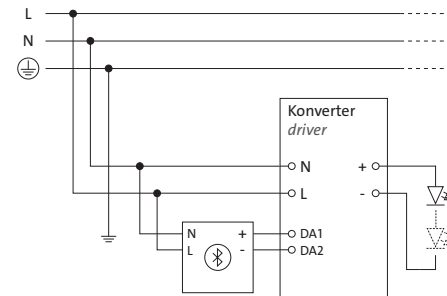
## SCHALTPLAN WIRING DIAGRAM Phasenan- und abschnitt leading/trailing edge (-7)



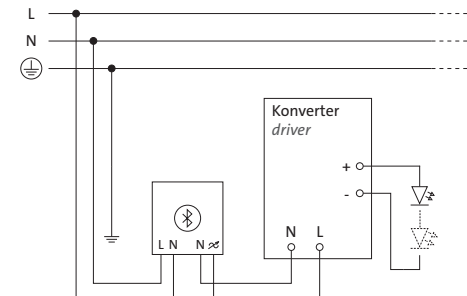
## SCHALTPLAN WIRING DIAGRAM DALI (-4)



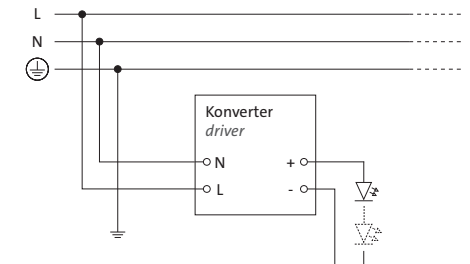
## SCHALTPLAN WIRING DIAGRAM BLUETOOTH (CBU-ASD) (-9)



## SCHALTPLAN WIRING DIAGRAM BLUETOOTH (CBU-TED) (-9)

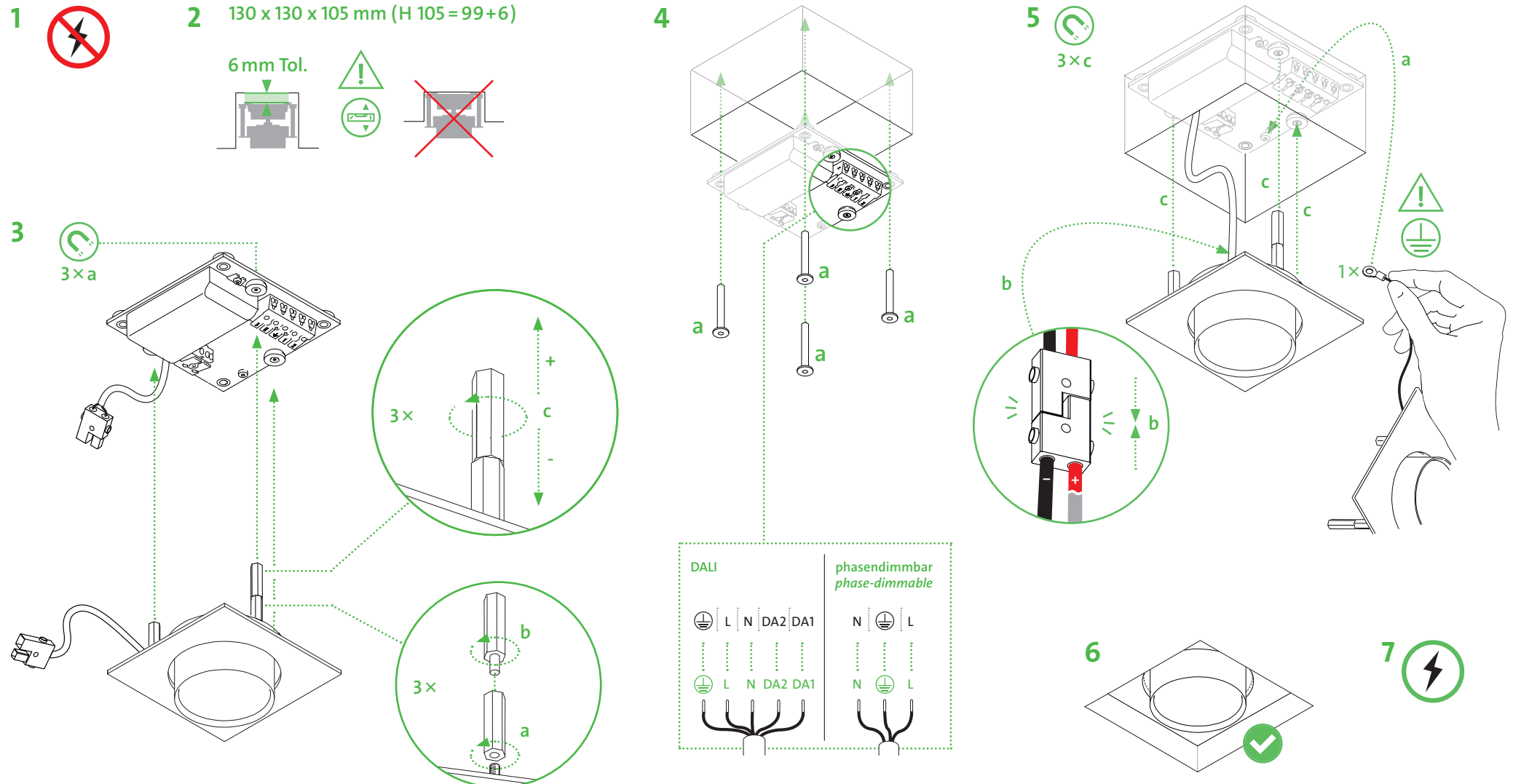


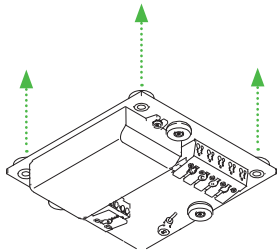
## SCHALTPLAN WIRING DIAGRAM BLUETOOTH (-9)



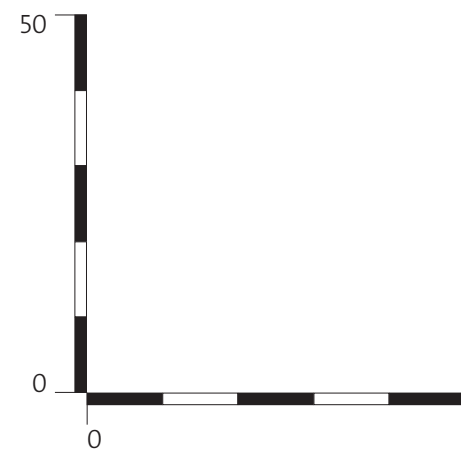
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(Papierformat DIN A3 *paper size* 297 × 420 mm)



Technical drawing of a square plate with the following dimensions and features:

- Overall dimensions: 126 mm by 126 mm.
- Four circular features (holes) are located at the corners, each with a diameter of  $\varnothing 6$  mm.
- A central rectangular feature with rounded ends, measuring 30 mm in width and 20 mm in height.
- Dimensions for the central feature: 60 mm from the left edge to the start of the feature, 108 mm from the right edge to the end of the feature, and 108 mm from the bottom edge to the start of the feature.
- Dimensions for the corner features: 63 mm from the top edge to the center of the top-left hole, and 108 mm from the bottom edge to the center of the bottom-right hole.
- Dimensions for the side features: 108 mm from the left edge to the center of the left-side hole, and 108 mm from the right edge to the center of the right-side hole.
- Dimensions for the central feature: 30 mm from the left edge to the start of the feature, 30 mm from the right edge to the end of the feature, and 20 mm from the top edge to the start of the feature.
- Dimensions for the central feature: 30 mm from the bottom edge to the start of the feature, 30 mm from the top edge to the end of the feature, and 20 mm from the left edge to the start of the feature.
- Dimensions for the central feature: 30 mm from the right edge to the end of the feature, 30 mm from the left edge to the start of the feature, and 20 mm from the bottom edge to the start of the feature.
- Dimensions for the central feature: 30 mm from the top edge to the end of the feature, 30 mm from the bottom edge to the start of the feature, and 20 mm from the right edge to the end of the feature.