INSTRUCTION

Flat Polymero Kreis
672478.002.07

RZB LIGHTING

~ 220 - 240 V 50/60 Hz IP 40 IK03

6 x 1,5 mm²

2,50 mm²

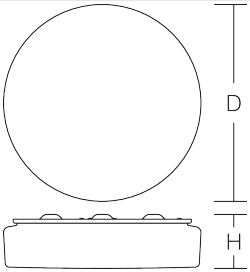
Dauerschaltung / maintained
=> 0 °C ... + 25 °C
Bereitschaftsschaltung / non maintained
=> 5 °C ... + 40 °C

3 h

NiMH

2,4 V - 4,5 Ah

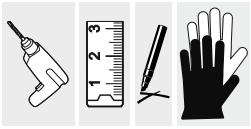




[mm]		P
D 360, H 87	LED	1 x 13 W

Φ [lm]	P [W]	Φ [lm]	P [W]	
1150	13	170	0,1	1,43 kg

CCT [K]	CRI
3000	80





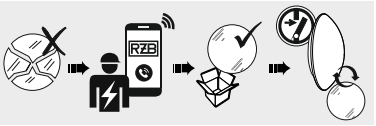
DIN EN 61340-5-1



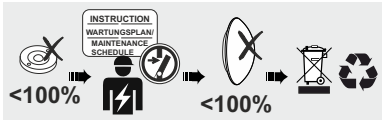
EN 12464
EN 60598



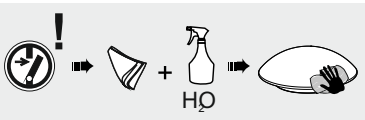
EN 60598
EN 1838



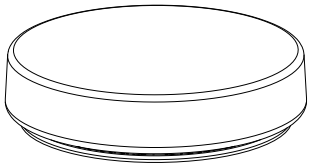
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EN 1838



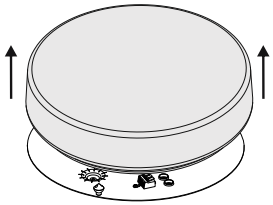
EN 1838



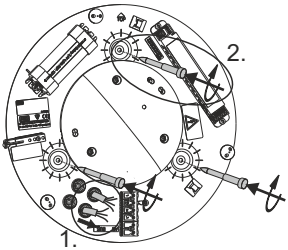
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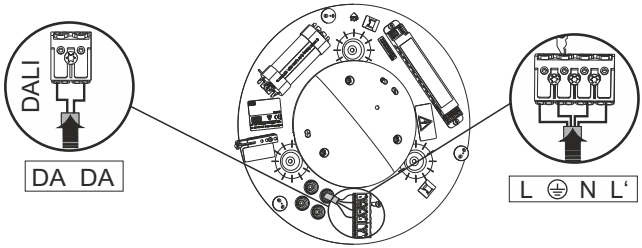
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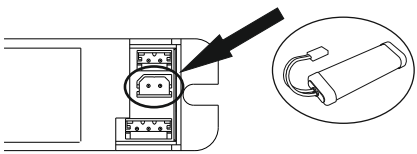
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2.
1.

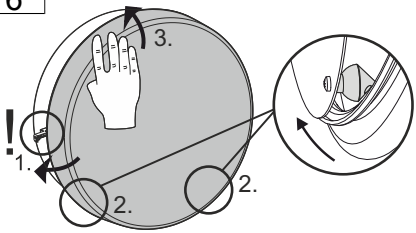
4


DALI
DA DA
L ⏚ N L'
8
max.
2,5 mm²

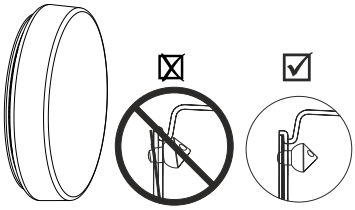
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Akku anstecken /
Battery connect

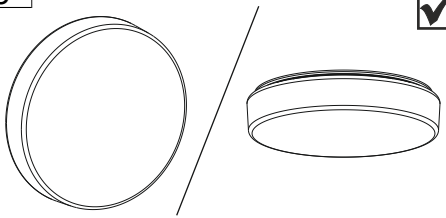
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3.
1.
2.
2.

7

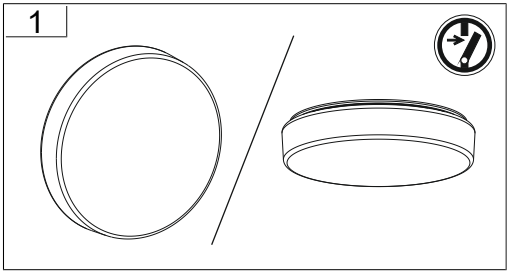


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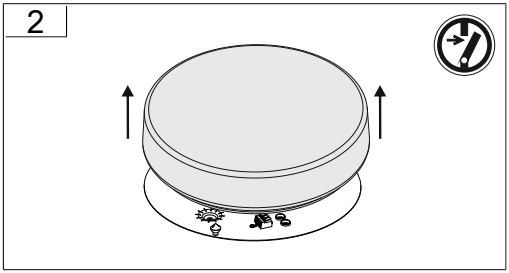




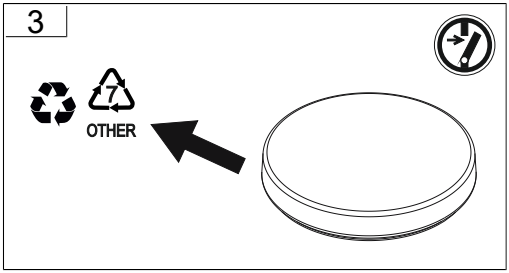
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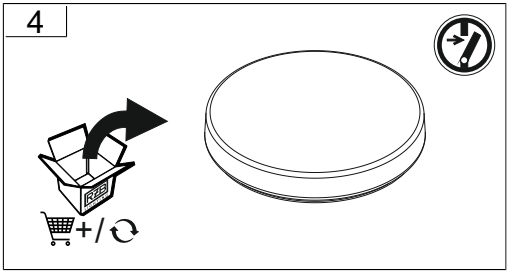
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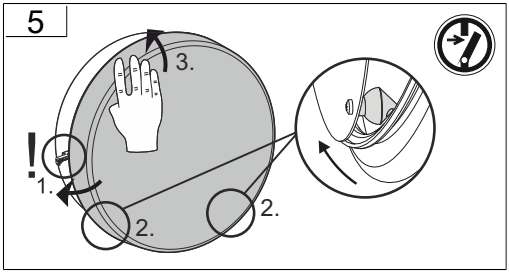
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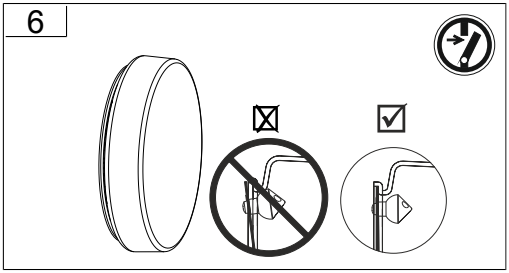
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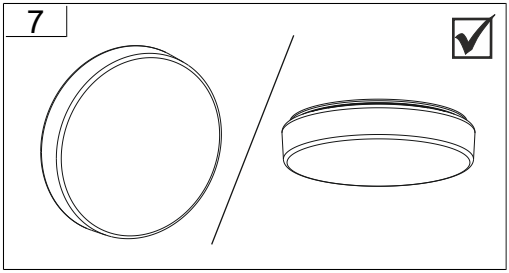
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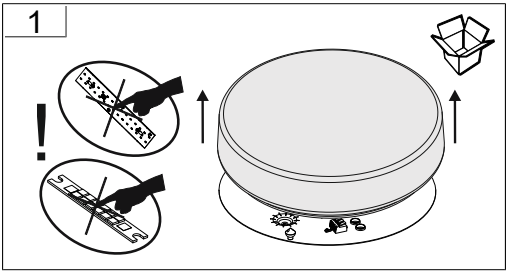
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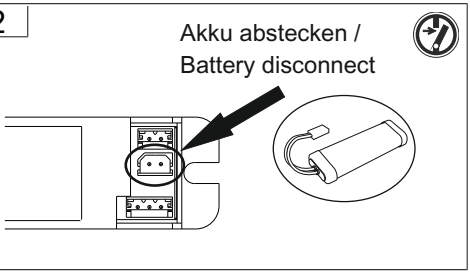


1

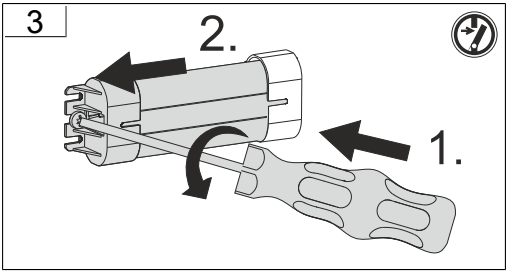


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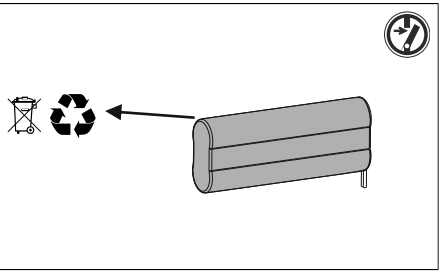
Akku abstecken /
Battery disconnect



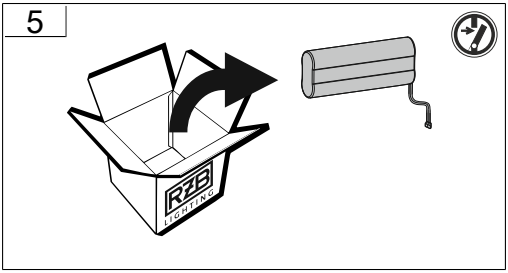
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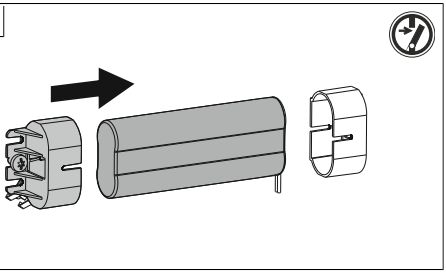
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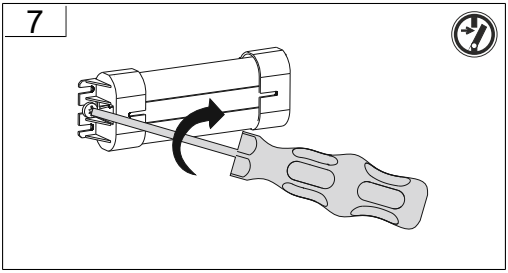
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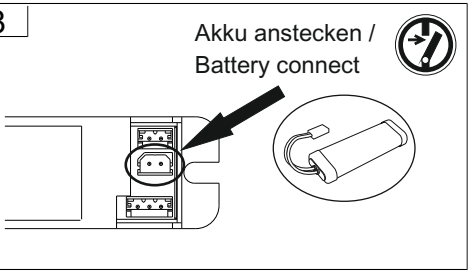


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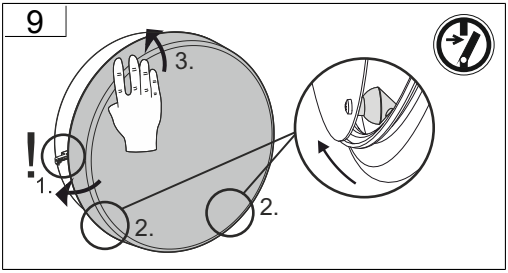


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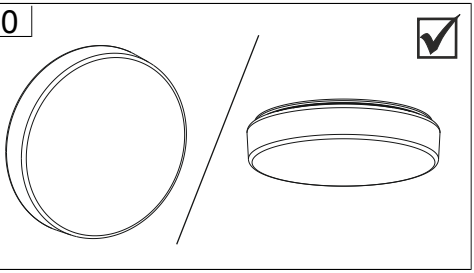
Akku anstecken /
Battery connect



9



10



Einteilung Notleuchten

*	**	***	****

Veränderungen am Auslieferzustand der Leuchte sind gemäß DIN EN 60598-2-22 auf dem Typenschild zu kennzeichnen.

Classification Emergency Lighting

*	**	***	****

Modifications to the delivery condition of the luminaire must be documented on the product label accordingly to DIN EN 60598-2-22.

*	Typ (1-stellig)	Type (1-digit)
X	Einzelbatterie	Self-Contained
Z	Zentralbatterie	Central Supply

**	Betriebsart (1-stellig)	Operating Mode (1-digit)
0	Notleuchte Bereitschaftsschaltung	Emergency Lighting non-maintained
1	Notleuchte Dauerschaltung	Emergency Lighting maintained
2	Kombinierte Notleuchte Bereitschaftssch.	Combi. Emergency Lighting non-maintained
3	Kombinierte Notleuchte Dauerschaltung	Combined Emergency Lighting maintained

***	Einrichtungen (max. 7-stellig)	Installation (max. 7-digit)
A	manuelle Prüfeinrichtung	Manual Test Device
B	Fernschalter für Ruhe-Zustand	Including Remote Rest Mode
C	Fernausschaltemöglichkeit	Including Inhibiting Mode
D	Arbeitsstätten m. besonderer Gefährdung	High-Risk Task-Area Luminaire
E	Lampe oder Batterie nicht austauschbar	With non-replaceable Lamps or Battery
F	automatische Prüfeinrichtung	Automatic Test Device
G	von innen beleuchtetes Sicherheitszeich.	Inside illuminated safety sign

****	Betriebsdauer (2/3-stellig) (nur bei Einzelbatterie)	Duration Time (2/3-digit) (only for self-contained)
60	Betriebsdauer 60 Minuten	Duration Time 60 Minutes
180	Betriebsdauer 180 Minuten	Duration Time 180 Minutes
480	Betriebsdauer 480 Minuten	Duration Time 480 Minutes

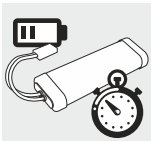


Bei Fragen zu unseren Symbolen, besuchen sie folgende Webseite:
If you have any questions about our signs, visit the following website:

www.rzb.de/fileadmin/assets/downloads/PDF/RZB_Symbolklaerung.pdf

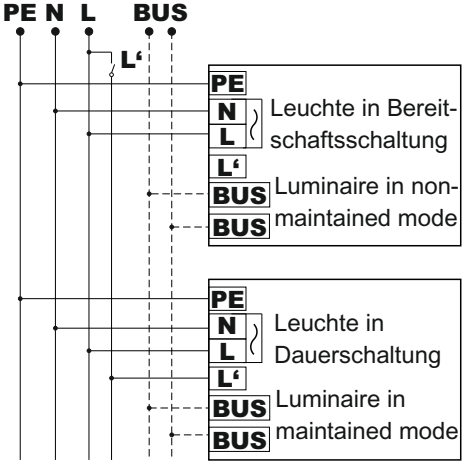
Zur Verwendung in Anlagen nach EN 50172 / DIN VDE 0108-100

For installation according to EN 50172 / DIN VDE 0108-100



Die Sicherheitsleuchten werden generell mit entladenen oder teilentladenen Akkus ausgeliefert und müssen für die volle Funktionstüchtigkeit min. 24 h am Netz angeschlossen sein. / The emergency luminaires are delivered with either discharged or only partially charged batteries and need to be connected for at least 24 h before reaching their fully operability.

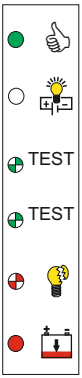
Anschlussplan / Wiring diagramm



PE	Schutzleiter / Ground Wire	
N	Nullleiter / Neutral Wire	
L	Dauerphase / Duration Wire	
L‘	Geschaltete Phase für Dauerschaltung / Connected phase for maintained operation	
DALI .07	Kennzeichnung / Marking	DA DA
	Standardsignal / Standard signal	< 23V
	BUS-Leitungen können vertauscht werden! / Connection wires may be interchanged!	

DALI

Funktionsanzeige LED / Indicator LED



- Grün Dauer / green continuously	- Netz vorhanden, Ladung OK / mains available, charging OK
- Aus / off	- Netz fehlt, defekte Notlichtelektronik / no mains available, faulty electronic
- Grün blinkend / green flashing (1Hz)	- Funktionstest / function test
- Grün blinkend / green flashing (0,5Hz)	- Bemessungsbetriebsdauertest / duration test
- Rot blinkend / red flashing (1Hz)	- Leuchtmittelfehler / lamp source failure
- Rot blinkend / red flashing (0,5Hz)	- Akkufehler / battery failure

Kontrolle nach der Installation

30 Minuten nach der Inbetriebnahme muss die Status-LED grün leuchten. Wenn die LED nicht leuchtet, ist die Ladung durch fehlende Netzspannung, unterbrochene Leitung zum Akku oder defekte Ladeeinheit nicht gewährleistet.

Selbsttest

Alle Leuchten der Baureihe enthalten ein automatisches Testsystem und überprüfen sich eigenständig. Bei den Leuchten wird wöchentl. die Einsatzbereitschaft der Elektronik, der Lampe und des Akkus geprüft. Zusätzlich wird jährl. die Kapazität des Akkus durch Simulation des Netzausfalls gemessen. Der erste Kapazitätstest erfolgt 8 Tage nach der Installation oder einer Fehlerbehebung. Nach dem Selbsttest muss die Status LED kontrolliert werden.

Prüfungen

Einzelbatterieleuchten sind gemäß der Vorschriften am Montageort zu testen. Mängel sind sofort zu beheben. Prüfergebnisse sind im Prüfbuch zu dokumentieren.

Check after installation

30 minutes after start up must the green LED on. If the LED is off, it must be detected that the charging is not inhibited due to a missing voltage supply, due to a lineinterruption to the battery or due to a faulty electronic.

Automatic Test

All luminaires of this series are assembled with an automatic self test system, testing the luminaires independently. Weekly tested are the electronic system, the lamp and the battery. Additionally, every year the battery capacity is measured by simulating a mains power failure. The first capacity test is performed 8 days after installation or fault repair. The indicator LED must be checked after the first self-test.

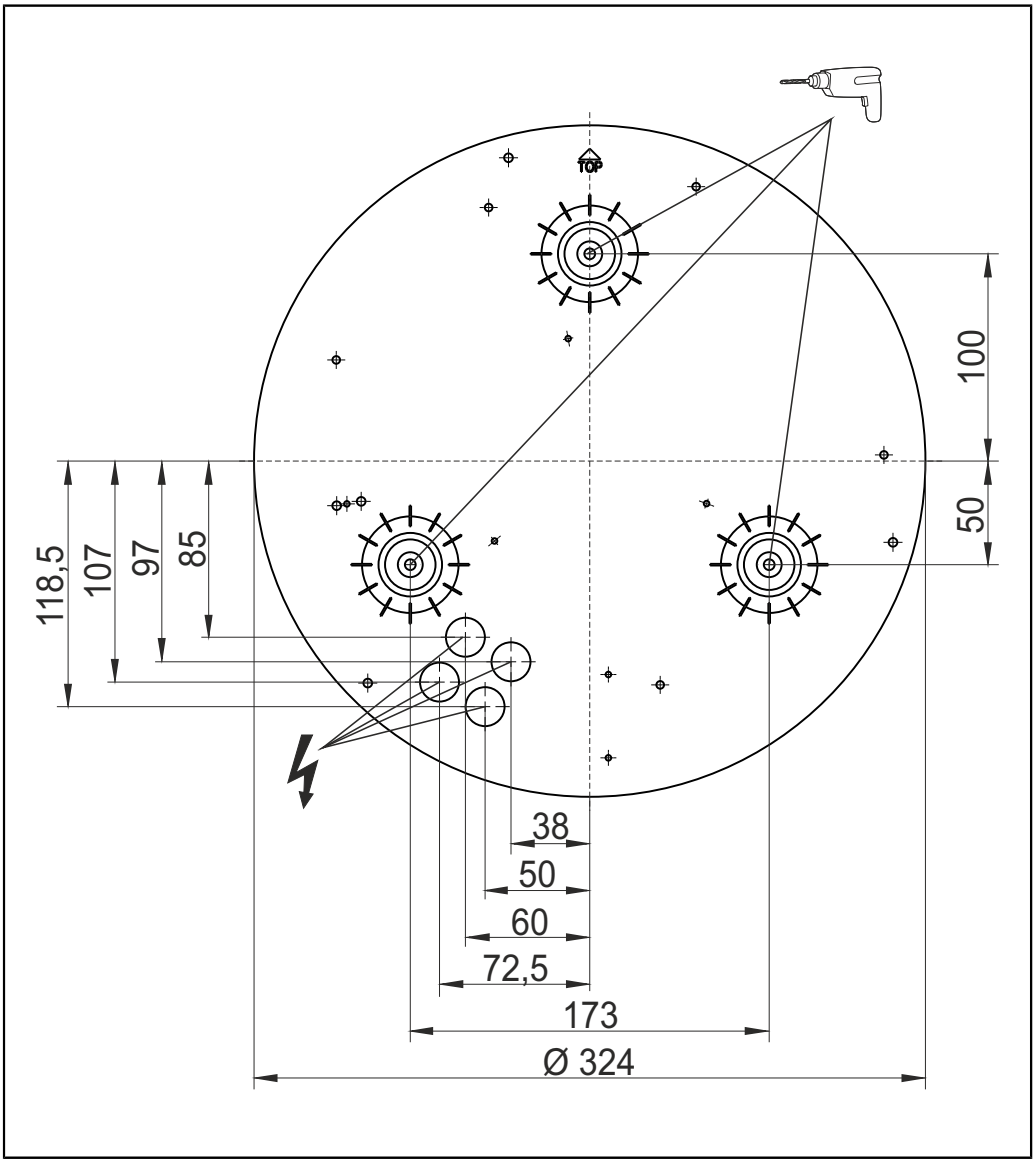
Tests

Self-contained luminaires had to tested at their mounting location in compliance with the regulations. Any defects have to be repaired immediately. Test results need to noted.

			[mm]	
	67000.0.191	Akku / battery	L 92, B 37, D 18	162 g
	08-311595.002	Abdeckung PMMA / cover PMMA	D 360, H 81	300 g







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