

INSTRUCTION

Sidelite ECO
672378.002.1



RZB
LIGHTING

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



4 x 1,5 mm²



1,50 mm²



Dauerschaltung / maintained

=> 5 °C ... + 30 °C

Bereitschaftsschaltung / non maintained

=> 5 °C ... + 30 °C

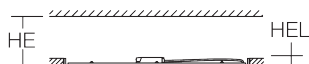
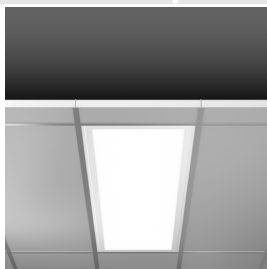


8 h



NiMH

4,8 V - 4,5 Ah



L 1245, B 308,



HE 160, HEL 40



LED



4,66 kg

$\Phi_{\square}$ [lm]

3500

$P_{\square}$ [W]

32

$\Phi_{\square}$ [lm]

180

$P_{\square}$ [W]

0,1

$P_{\circ}$

1 x 29 W

CCT [K]

4000

CRI

80

RG $\square$

RG 0



16 A / 100 μ s



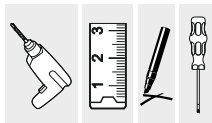
15



25

P_f

0,98



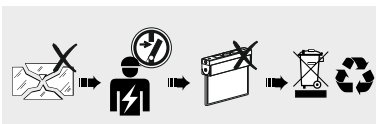
EN 12464
EN 60598



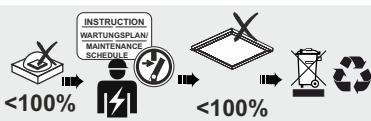
DIN EN 61340-5-1



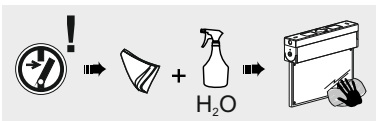
EN 60598
EN 1838



EN 12464
EN 1838



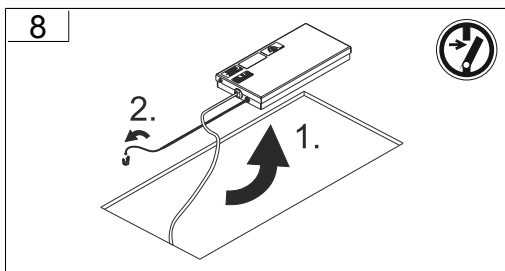
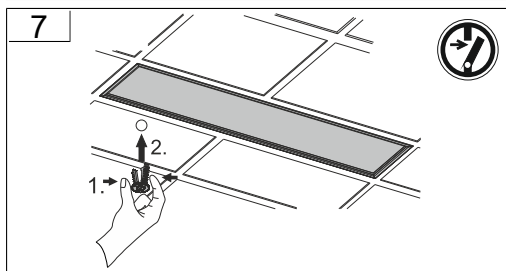
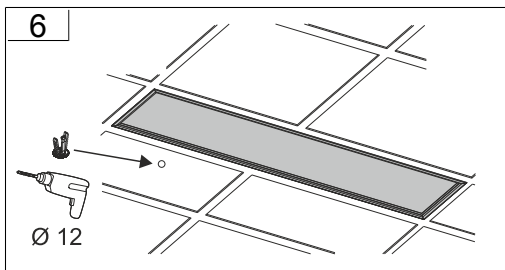
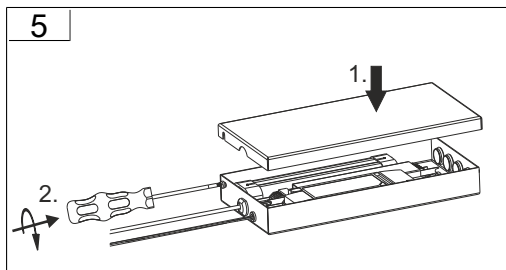
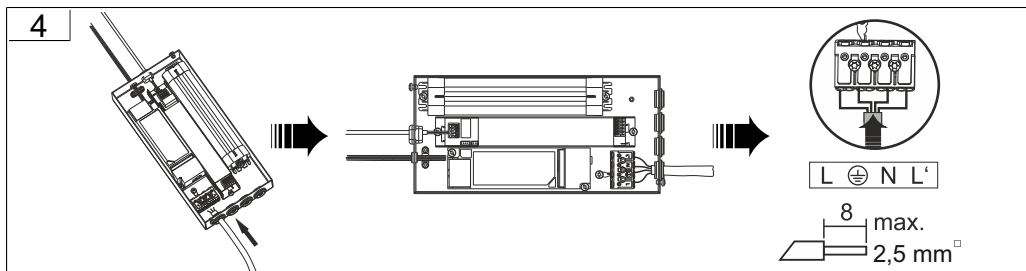
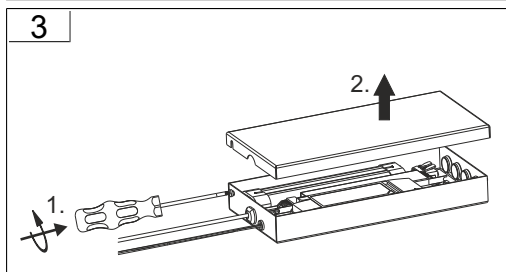
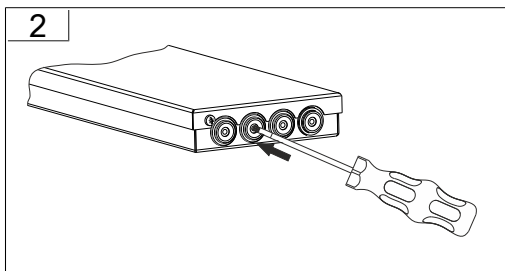
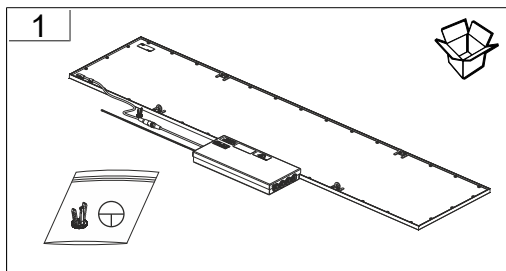
EN 1838



2020-12-02

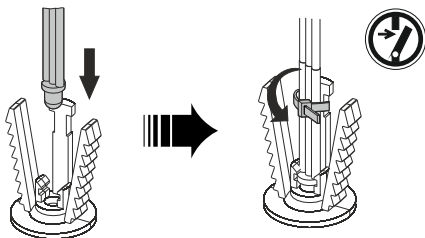
www.rzb.de

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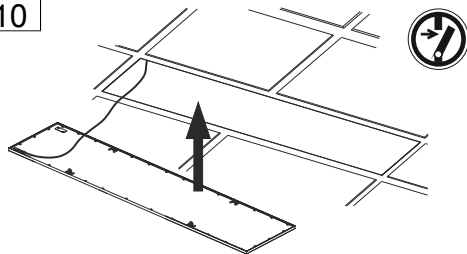




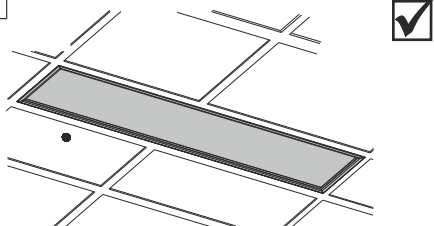
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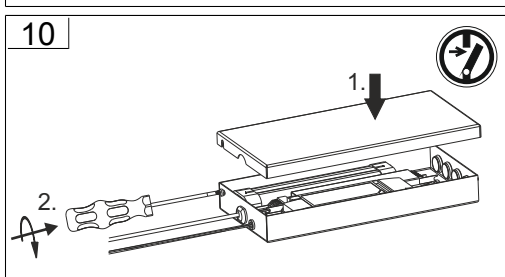
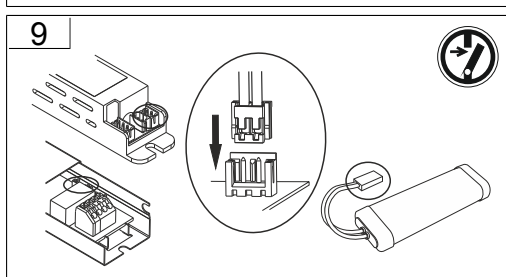
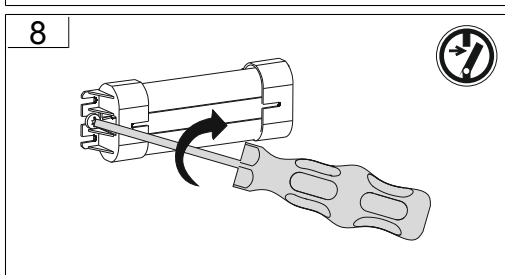
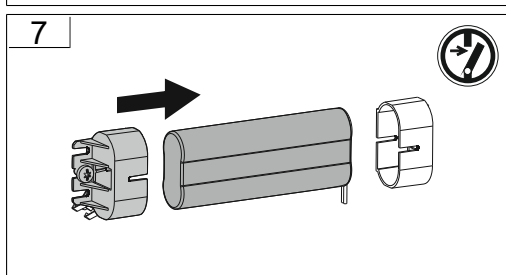
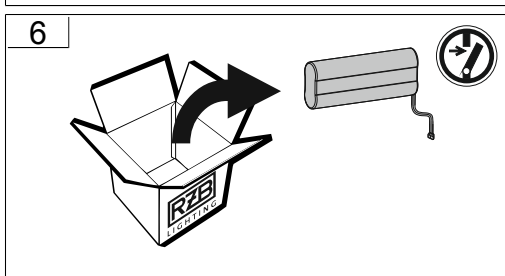
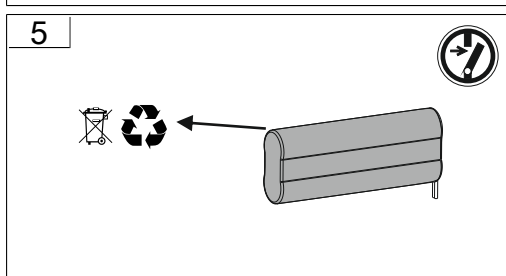
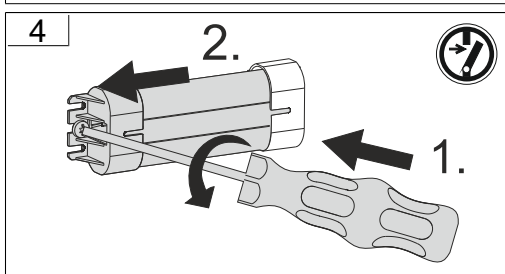
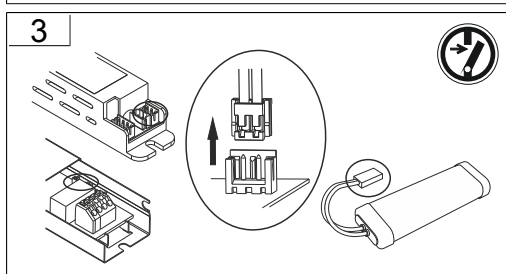
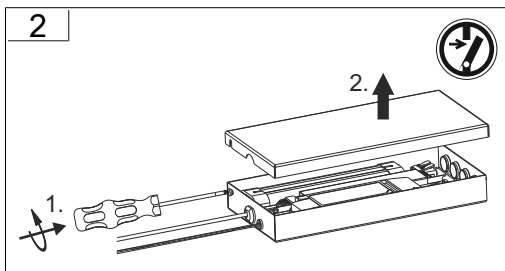
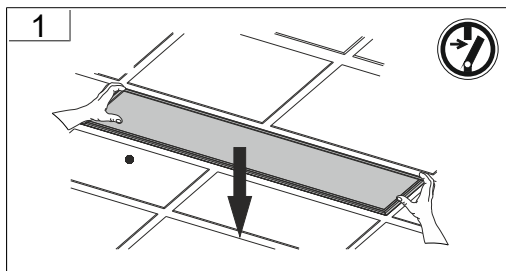
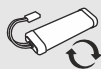


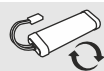
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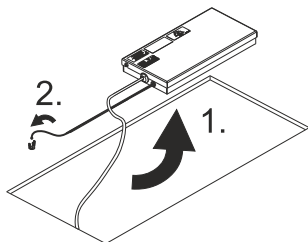
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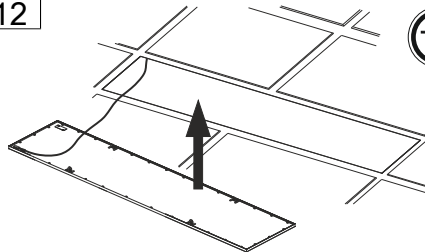




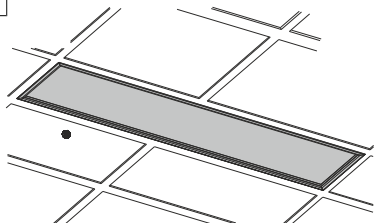
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12



13





Einteilung Notleuchten

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

Classification Emergency Lighting

*	**	***	****
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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	Fernausschaltmöglichkeit	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:

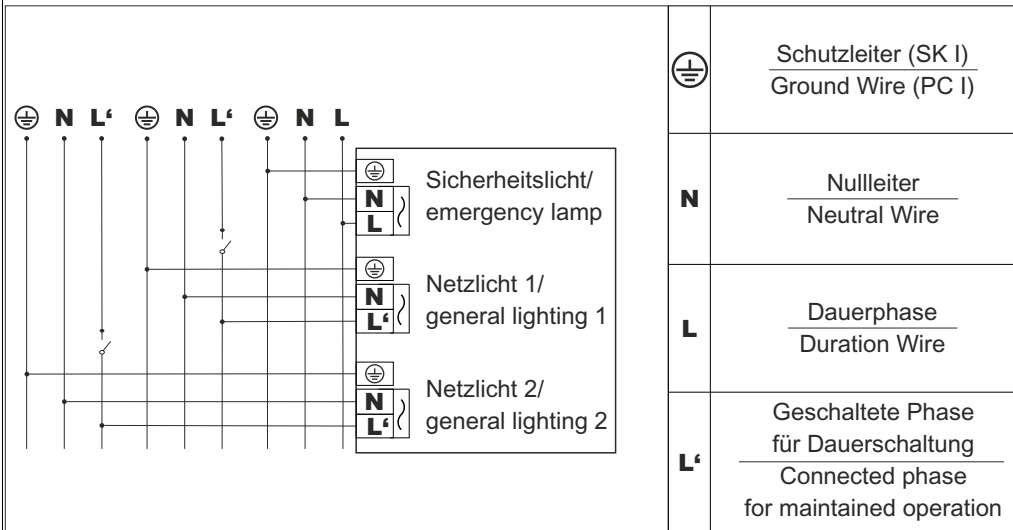
www.rzb.de/fileadmin/assets/downloads/PDF/RZB_Symbolklaerung.pdf



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

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

Anschlussplan / Wiring diagramm





Selbsttest / Automatic Test

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
 	- Rot blinkend / red flashing (1Hz)	- Leuchtmittelfehler / lamp source failure
 	- Rot Dauer / red continuously	- Akkufehler / battery failure
 TEST	- Abwechselnd Rot-Grün / red-green flashing	- Testbetrieb / test mode

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.

Quittieren

Wenn beim Test Fehler auftreten, werden diese durch die farbige Status LED an der Leuchte angezeigt. Um die Fehleranzeige nach Behebung des Fehlers zurückzusetzen, muss die Versorgungsspannung der Leuchte kurzfristig abgeschaltet werden.

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 line interruption to the battery or due to a faulty electronic.

Automatic Test

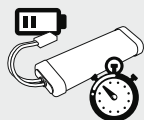
All luminaires of this series are assembled with an automatic self test system, testing the luminaires independently. Weekly tested are the electronic system, the lamp and the battery. Additionally, every year the battery capacity is measured by simulating a mains power failure. The first capacity test 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.

Acknowledging error status

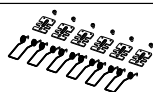
If failure will displayed, these are indicated by colored status LED on luminaire. Reset the error status after testing, the luminaire has to be disconnected from mains voltage temporarily.



min. 24 h

Die Sicherheitsleuchten werden generell mit entladenen oder teilentladenen Akkus ausgeliefert und müssen für die volle Funktionstüchtigkeit min. 24 h am Netz angeschlossen sein.

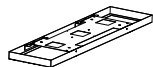
The emergency luminaires are delivered with either discharged or only partially charged batteries and need to be connected for at least 24 h before reaching their fully operability.



981979.030

Einbaufederset
spring system set

101 g



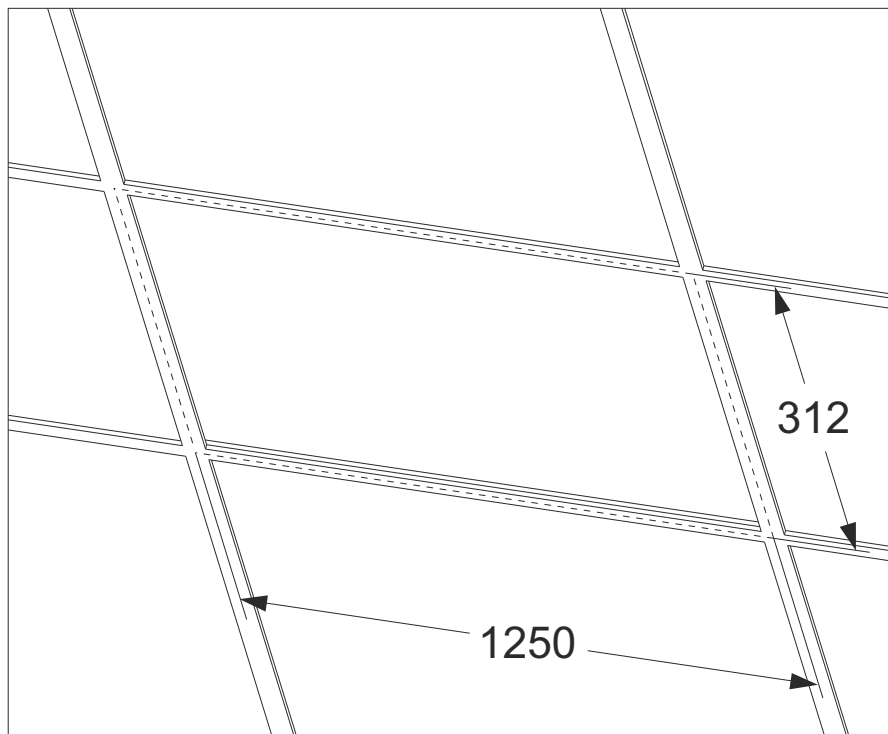
982295.042

Anbaurahmen
surface mounting frame

L 1252, B 315, H 47 3,5 kg



Rastermaße / modular dimensions



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