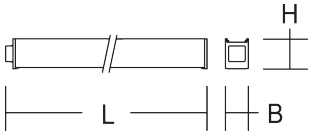
INSTRUCTION

LINEDO
954590.843.500.701

≈ 220 - 240 V 0/50/60 Hz IP 54 IK03

5 x 2,5 mm²

Umgebungstemperatur / temperature ambiente
=> -25 °C ... + 50 °C



[mm]	
L 4547, B 58, H 76	8,5 kg

	Φ [lm]	P [W]	P
LED	4950	32	2 x 19,7 W

CCT [K]	CRI	RG	EEK
4000	80	RG 1	C

I_{max} $I_{max}/2$ T50	B10 [St.]	B16 [St.]	C10 [St.]	C16 [St.]	cos φ
41 A / 124 µs	16	26	32	51	0,98

f_{min} - f_{max} [MHz]	p_{EIRP} [mW]
13,553 – 13,567	0

SW 7 SW 14 T25

Allgemeine Sicherheitshinweise

- Der elektrische Anschluss muss ordnungsgemäß nach geltenden Normen und den nationalen sowie internationalen Sicherheits- und Unfallverhütungsvorschriften erfolgen.
- Beschädigte Leuchten dürfen nicht betrieben werden.
- Keine Haftung für Schäden durch unsachgemäßen Einsatz.
- Bei Instandsetzung nur Originalteile verwenden.
- Tragfähigkeit der Decke und Befestigungselemente sicherstellen.

Betrieb der Leuchte

- Die unzulässigen Umgebungstemperaturen reduzieren die Lebensdauer der Leuchte, im Extremfall droht der Frühausfall.
- Zur Vermeidung von EMV-Problemen die Durchgangsverdrahtung nicht entlang der Leuchtenverdrahtung führen.
- Steuereingänge von dimmbaren Leuchten mit handelsüblichen für Netzspannung geeigneten Leitungen anschließen.

Manipulationen unserer Produkte sind unzulässig

Veränderung, Umarbeitung, Umkennzeichnung von Produkten sowie deren Verpackung sind unzulässig und verletzen u.a. unsere eingetragenen Warenzeichenrechte. Solche Modifikationen können technische Eigenschaften unserer Produkte negativ beeinflussen, diese zerstören und möglicherweise Folgeschäden an anderen Objekten verursachen. Für durch derartige Modifikationen verursachte Schäden kann der Hersteller in keinem Fall verantwortlich gemacht werden.

General Safety Information

- Electric connection must be appropriate according to all applicable standards and other national and international safety and accident prevention regulations.
- Damaged luminaires must not be operated.
- No liability is accepted for damages resulting from improper use.
- Use genuine parts only for repair.
- Ensure stability of the ceiling and fastening elements.

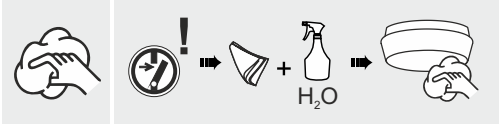
Operation of the luminaire

- Exceeding the permissible ambient temperature will reduce the luminaire’s lifecycle, resulting in premature failure in extreme cases.
- Avoid ESD problems by not routing feed-through wiring directly along the wiring of the luminaire.
- Connect control inputs of dimmable luminaires with standard cables suitable for power supply voltage.

Manipulation of our products is not permitted

Modifications, reworking, re-labelling of products as well as their package is not permitted and infringes, amongst others, our registered trademark rights. Such modifications may affect technical properties of our products, damage them and possibly cause consequential damage to other objects. The manufacturer shall not be responsible under any circumstances for damage caused by such modifications.

DIN EN IEC 61340-5-1



Bei Fragen zu unseren Symbolen, besuchen Sie folgende Webseite:

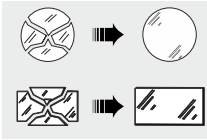
If you have any questions about our signs, visit the following website:

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

EEK

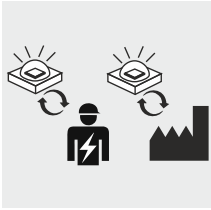
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse C entsprechend Verordnung (EU) 2019/2015

This product contains a light source of energy efficiency class C according to regulation (EU) No 2019/2015



Jede zersprungene Schutzabdeckung ist zu ersetzen. DIN EN 60598

Replace any cracked protective shield. IEC DIN EN 60598



Die Lichtquelle dieser Leuchte darf nur vom Hersteller oder einem von ihm beauftragten Servicetechniker oder einer vergleichbar qualifizierten Person ersetzt werden. DIN EN 60598-1 / IEC 60598-1

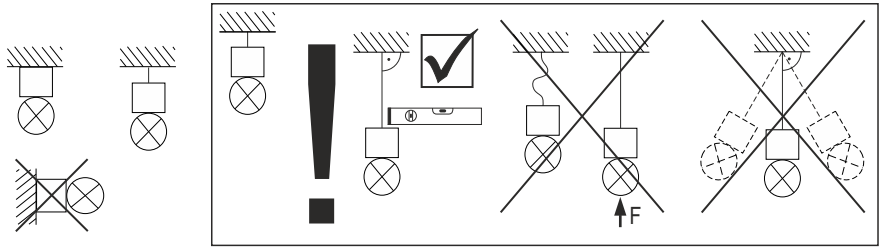
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. DIN EN 60598-1 / IEC 60598-1

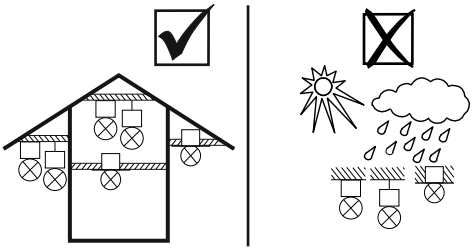
Hinweis zum Einsatz von Leuchten mit D - Kennzeichnung nach EN 60598-2-24
Reference for application of lumiaires with D - marking according to EN 60598-2-24

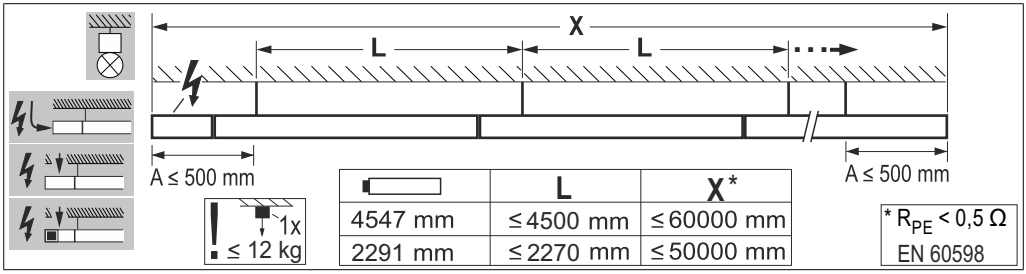
IP 4x	Umgebung ohne Staubablagerung Environment without dust deposit
IP 5x	Umgebung mit nicht elektrisch leitender Staubablagerung Environment with non-electrically conductive dust deposit
IP 6x	Umgebung mit elektrisch leitender Staubablagerung Environment with electrically conductive dust deposit

Stecker / Plug	
Buchse / Socket	
Pendelmontage / Pendant mounting	
Deckenmontage / Ceiling mounting	
Verdrahtung anpassen / Adapt wiring	
Werkseinstellungen / Factory setting	

Pendelmontage / Pendant mounting Einspeisung Mitte / Feed in the middle
Deckenmontage / Ceiling mounting Einspeisung Mitte / Feed in the middle
Pendelmontage / Pendant mounting Einspeisung Anfang von oben / Feed beginning from above
Deckenmontage / Ceiling mounting Einspeisung Anfang von oben / Feed beginning from above
Pendelmontage / Pendant mounting Einspeisung Anfang seitlich / Feed beginning from the side
Deckenmontage / Ceiling mounting Einspeisung Anfang seitlich / Feed beginning from the side
Pendelmontage / Pendant mounting L-Verbinder / L-Connector
Deckenmontage / Ceiling mounting L-Verbinder / L-Connector
Deckenmontage / Ceiling mounting X,T-Verbinder / X,T-Connector
Pendelmontage / Pendant mounting X,T-Verbinder / X,T-Connector

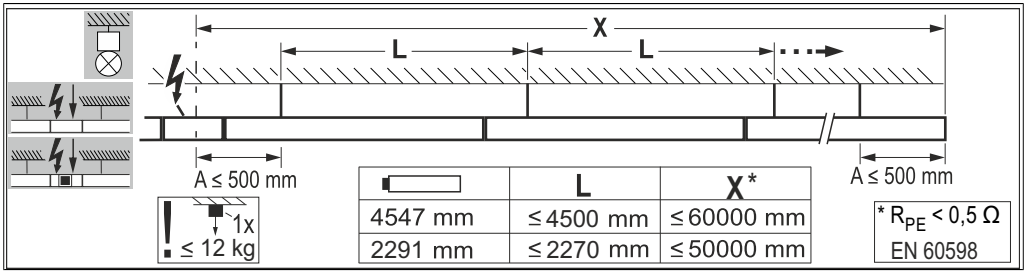






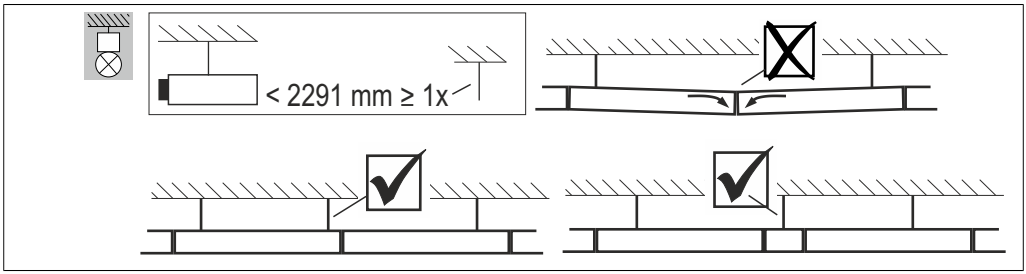
	L	X*
4547 mm	≤ 4500 mm	≤ 60000 mm
2291 mm	≤ 2270 mm	≤ 50000 mm

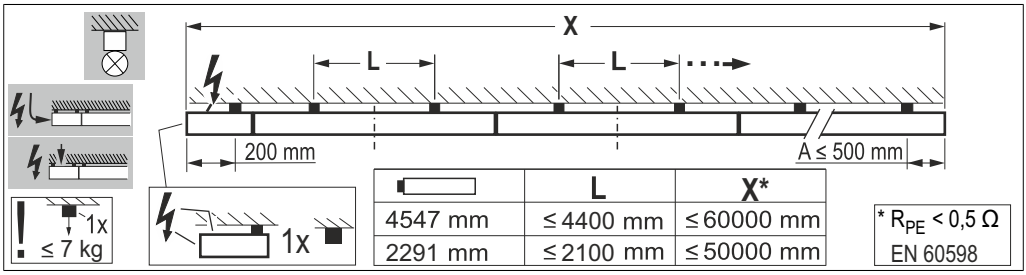
* R_{PE} < 0,5 Ω
EN 60598



	L	X*
4547 mm	≤ 4500 mm	≤ 60000 mm
2291 mm	≤ 2270 mm	≤ 50000 mm

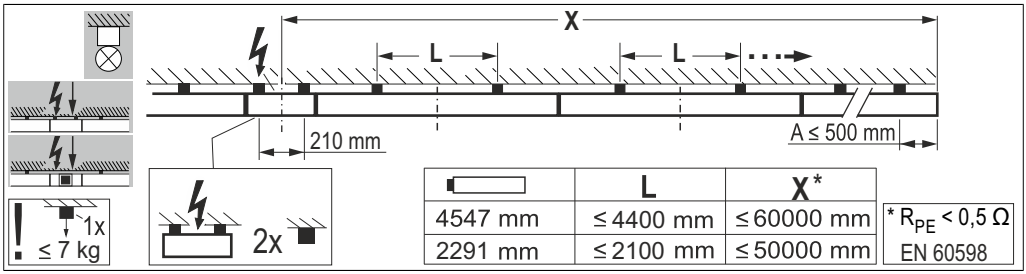
* R_{PE} < 0,5 Ω
EN 60598





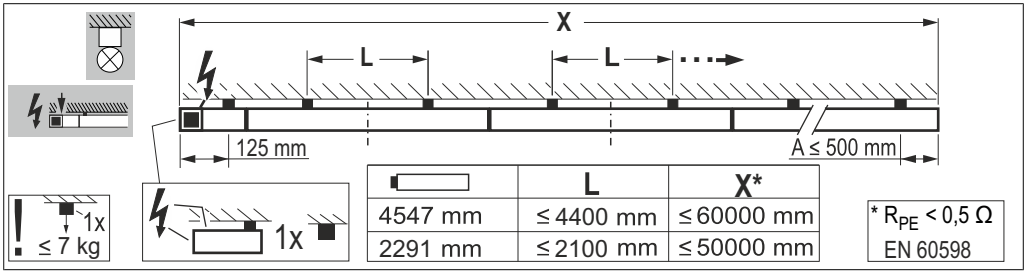
	L	X*
4547 mm	≤ 4400 mm	≤ 60000 mm
2291 mm	≤ 2100 mm	≤ 50000 mm

* R_{PE} < 0,5 Ω
EN 60598

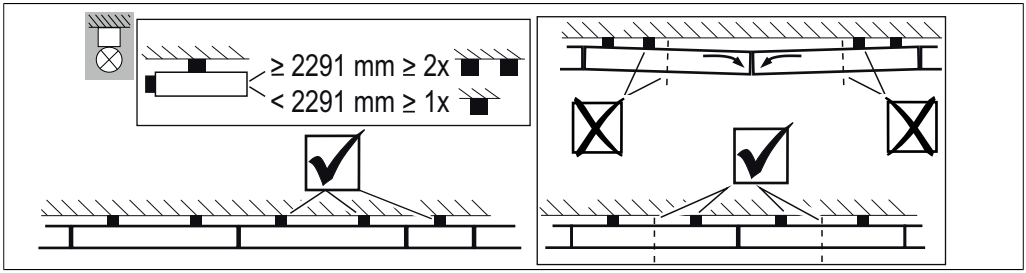


	L	X*
4547 mm	≤ 4400 mm	≤ 60000 mm
2291 mm	≤ 2100 mm	≤ 50000 mm

* R_{PE} < 0,5 Ω
EN 60598



	L	X*
4547 mm	≤ 4400 mm	≤ 60000 mm
2291 mm	≤ 2100 mm	≤ 50000 mm



EG-Konformitätserklärung
EC-Declaration of Conformity
Déclaration UE de conformité
Declaración de conformidad CE
Deklaracja zgodnosci UE

Hersteller, Anschrift:
Manufacturer, address:
Fabricant, adresse:
Fabricante, dirección:
Producent, adres:

RZB Rudolf Zimmermann, Bamberg GmbH
Rheinstrasse 16
96052 Bamberg
Deutschland / Germany / Allemagne / Allemania / Niemcy

Wir erklären in alleiniger Verantwortung, dass das Produkt
We declare under sole responsibility that the product
Nous déclarons, sous notre propre responsabilité, que le produit
Declaramos bajo nuestra sola responsabilidad que el producto
Deklarujemy z pelna odpowiedzialnoscia, ze produkt

Produktbezeichnung:
Productdesignation:
Description des produits:
Designactón de producto:
Oznaczenie produktu:

LINEDO

954590.843.500.701

mit den folgenden EG-Richtlinien und Normen übereinstimmt:
complies with the following EC Directives and standards:
est conforme aux normes et directives de l'UE suivantes:
cumple con las siguientes directivas y normas CE:
jest zgodny z nastepujacymi dyrektywami UE i normami:

RED Directive 2014/53/EU	**(3.1a)** EN 60598-1:2021/A11:2022 EN 60598-2-1:1989 EN 62471:2008 EN 62493:2010 **(3.1b)** EN 55015:2019/A11:2020 EN 61000-3-2:2019/A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021+A2:2021/AC:2022 EN 61547:2023 **(3.2)** EN 300 330:V2.1.1

RoHS Directive 2011/65/EU	EN 63000:2018

ErP Directive 2009/125/EC	(EU) 2019/2020

Dokument-Nr. / Document No. / Document No. Document No. / Nr dokumentu: **24014475**

Aussteller / Issuer / Délivré par: Otorgante / Wystawca: **RZB Rudolf Zimmermann, Bamberg GmbH**

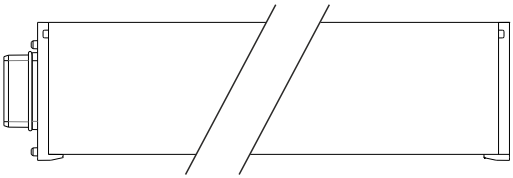
Ort, Datum / Place, Date / Lieu, date: Lugar, Fecha / Miejsce, data: **Bamberg, 05.02.2024**

Rechtsverbindliche Unterschrift:
Legally binding signature:
Signature juridiquement obligatore:
Firma legalmente vinculante:
Prawnie wiazacy podpis:

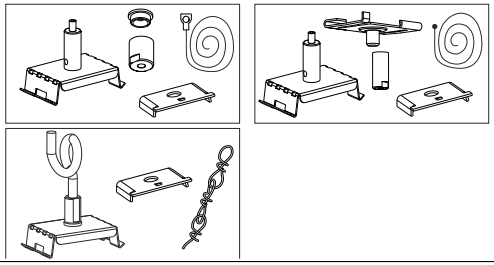
Reiner Jürgens
CEO/Dyrektor Zarzadzajacy/Geschäftsführer

1/1

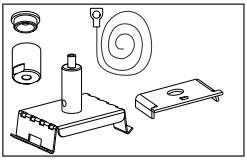
1

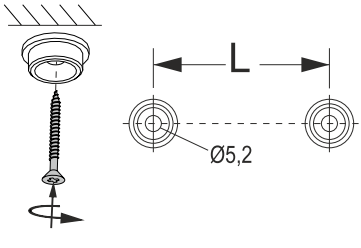


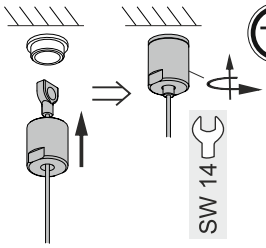
2



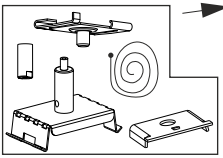
3

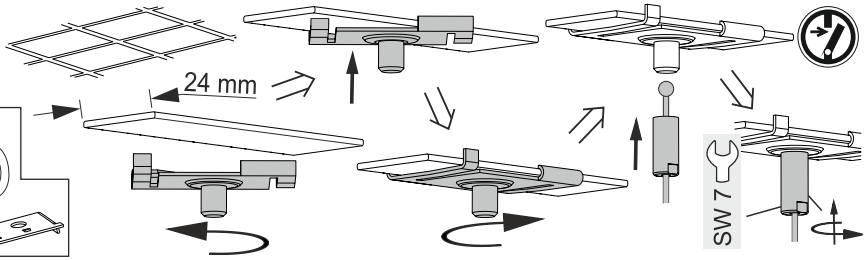




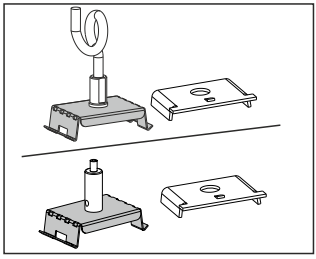


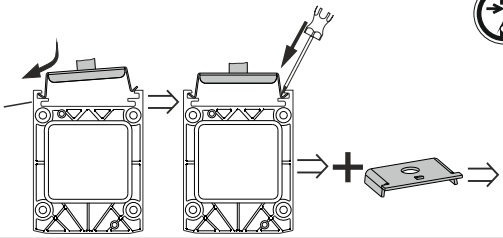
4



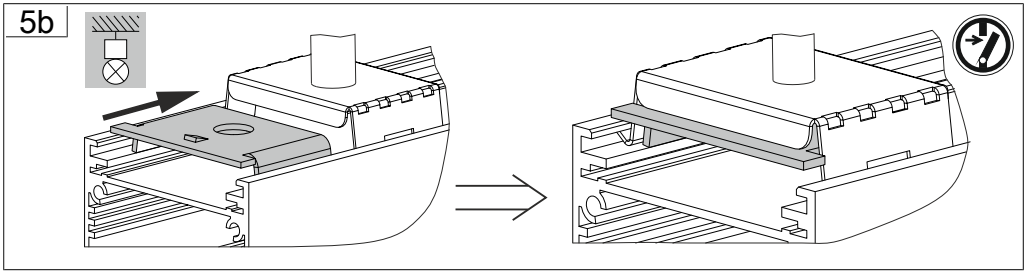


5a

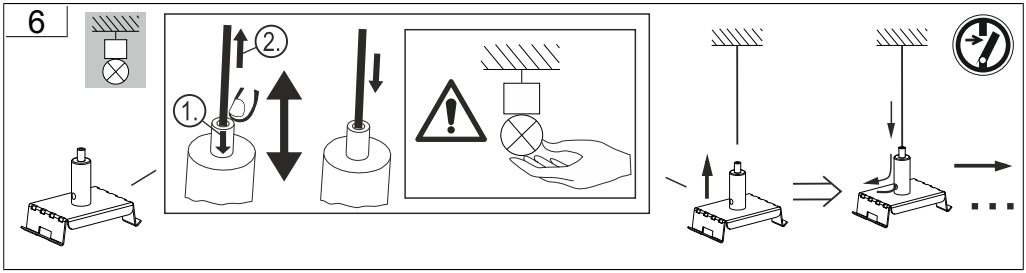




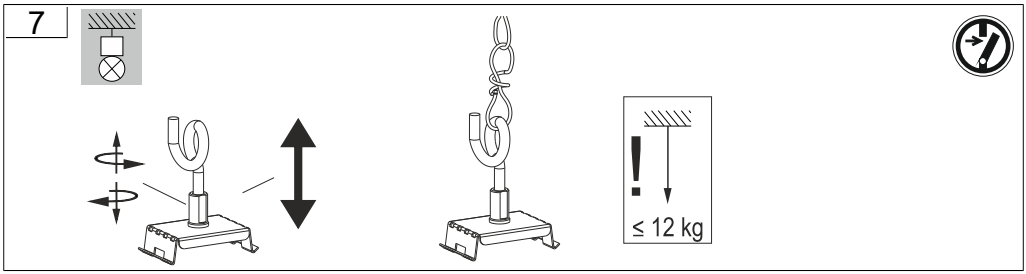
5b



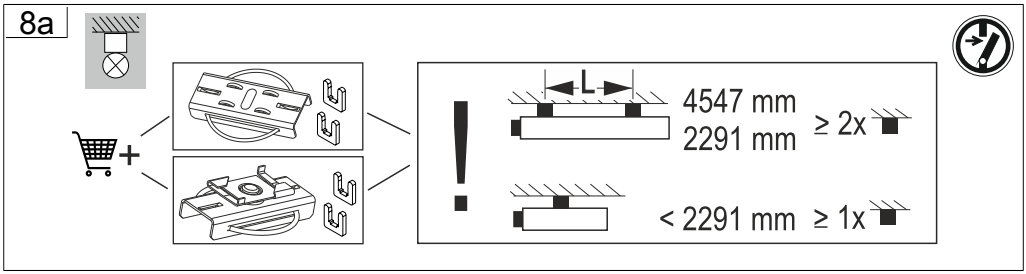
6



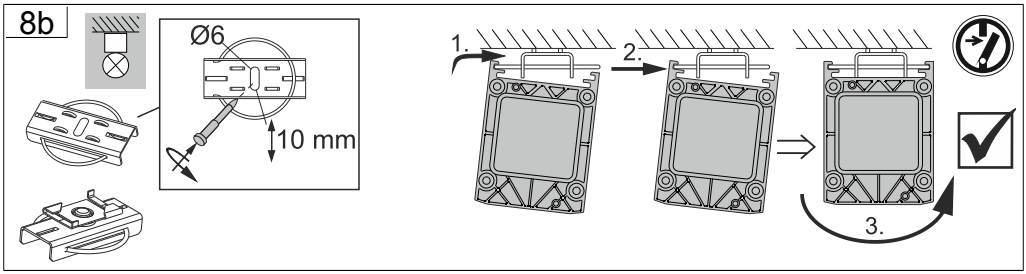
7

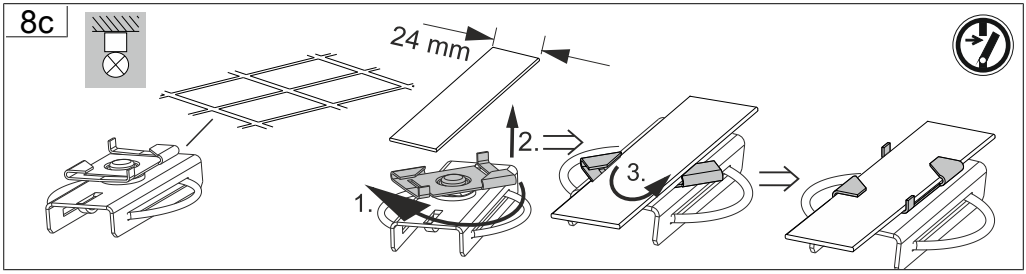


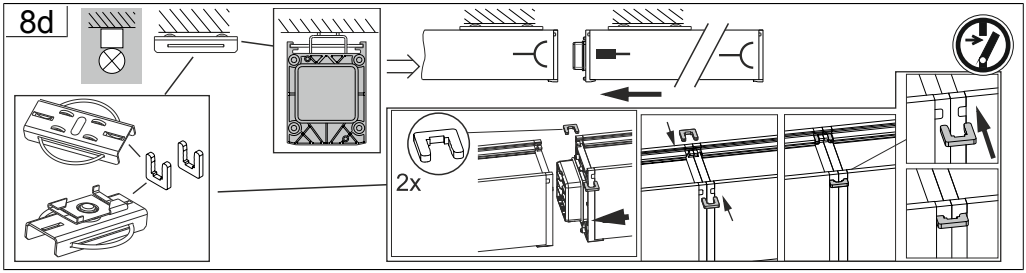
8a

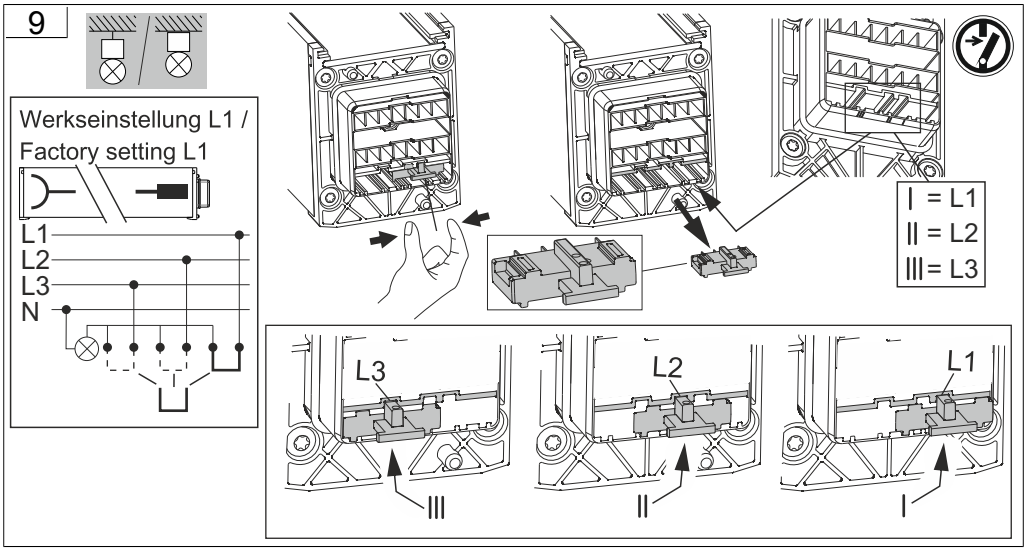


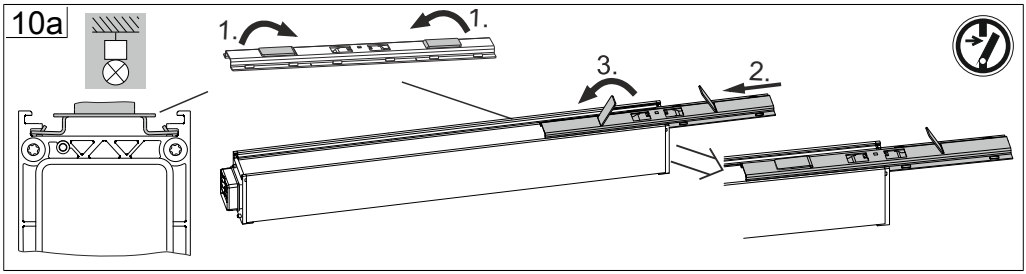
8b

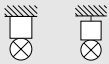


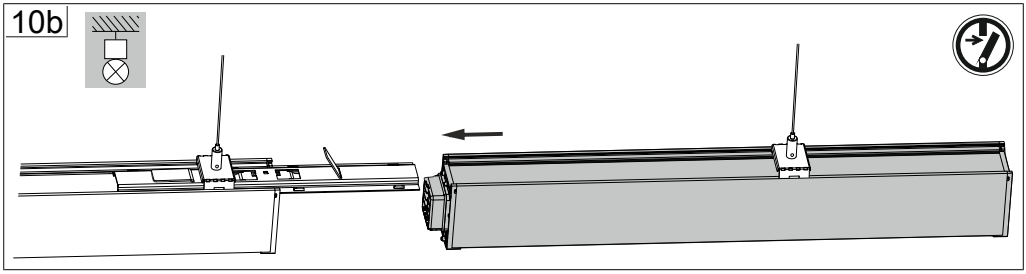

8c
24 mm
1.
2.
3.

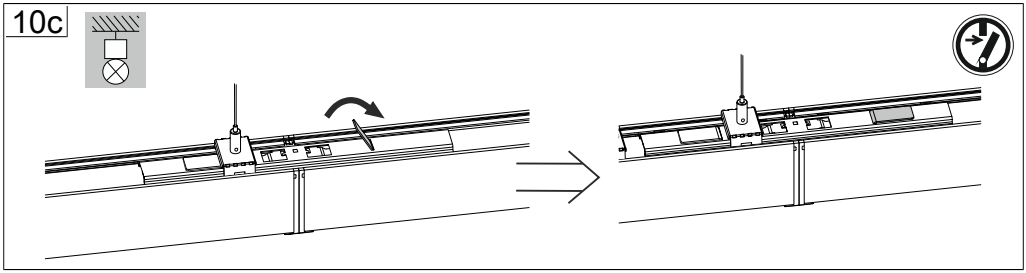

8d
2x

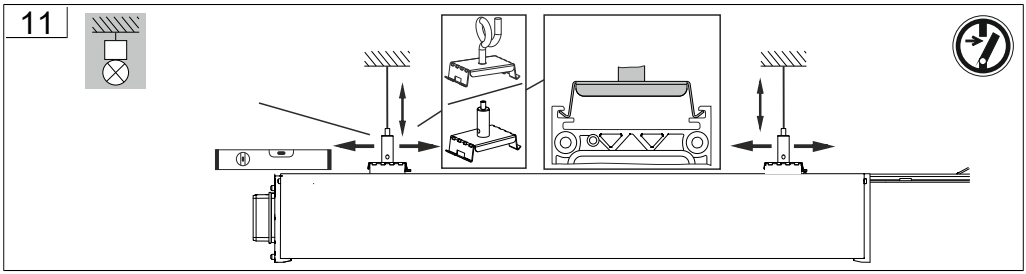

9
Werkseinstellung L1 /
Factory setting L1
L1
L2
L3
N
I = L1
II = L2
III = L3
L3
L2
L1
III
II
I

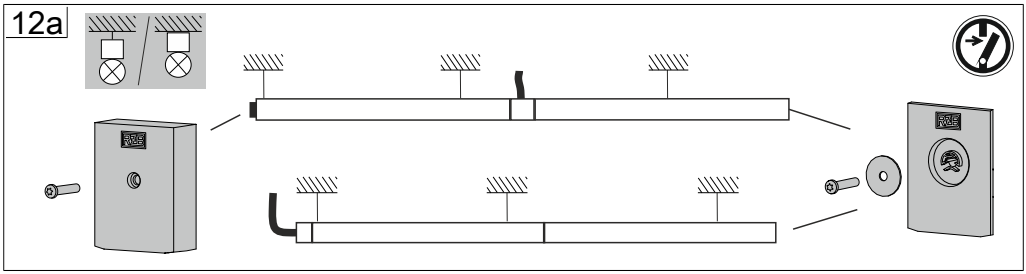

10a
1.
1.
3.
2.

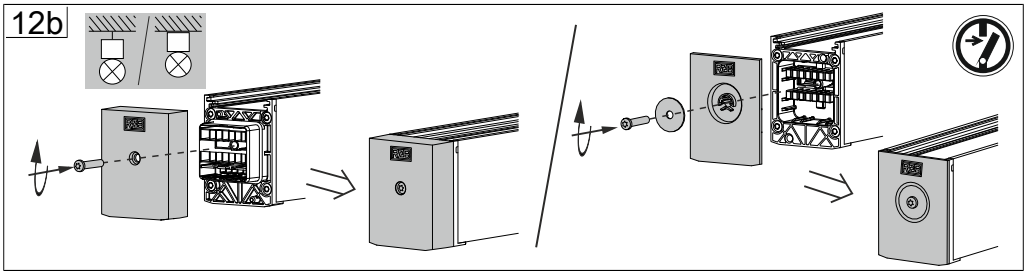


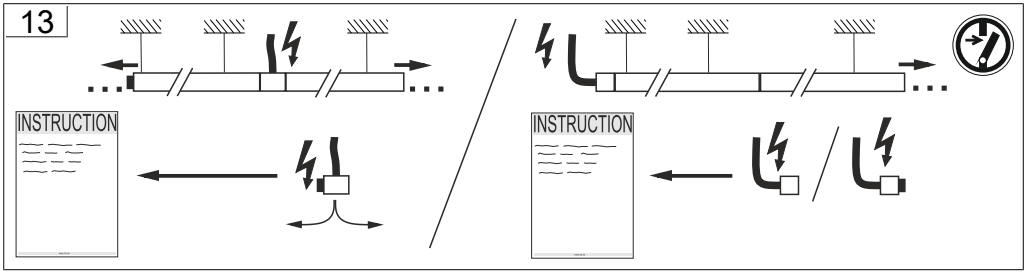

10b

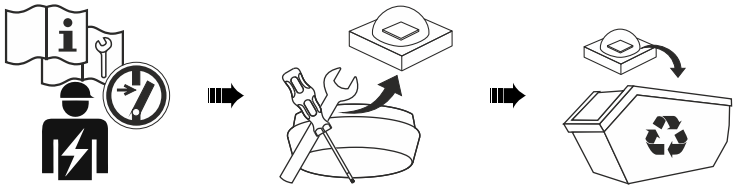

10c

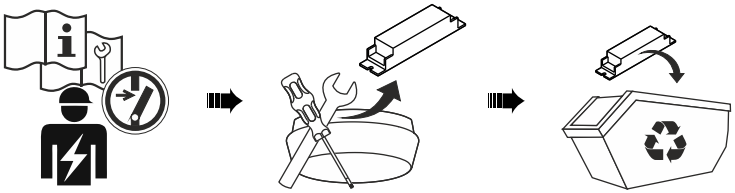

11


12a


12b


13
INSTRUCTION
INSTRUCTION





RZB - Rudolf Zimmermann, Bamberg GmbH

Rheinstraße 16, 96052 Bamberg

0951/7909-0 0951/7909-198 info@rzb-leuchten.de