Viabizzuno *progettiamo la luce*

istruzioni di montaggio
installing instructions
Gebrauchsanweisung
instructions de montage
instrucciones de montaje

sistema mn

A1 sistema · binario VbB · traccia sistema

marionanni

IT **Viabizzuno si riserva il diritto di apportare ai propri modelli, senza nessun preavviso, qualsiasi modifica ritenga opportuna.**
per dimensioni e codici fanno fede i nostri strumenti di lavoro www.Viabizzuno.com, Viacommerce®, Viabizzunoapplight e Viabizzunoonline. le nostre idee e i nostri apparecchi sono depositati e coperti da brevetti internazionali.
uomo avvisato, mezzo salvato.

EN **Viabizzuno reserves the right to introduce any changes to its own models, without prior notice. for valid dimensions and codes please consult our working tools www.Viabizzuno.com, Viacommerce®, Viabizzunoapplight and Viabizzunoonline. our ideas and our lighting fittings are registered and covered by international patents.**
forewarned is forearmed.

DE **Viabizzuno bahält sich das Recht vor jederzeit und ohne Ankündigung die technischen Daten der im Katalog abgebildetem Produkte zu ändern.**
Unsere Arbeitsgeräte gelten für Abmessungen und Codes www.Viabizzuno.com, Viacommerce®, Viabizzunoapplight und Viabizzunoonline. unsere Ideen und unsere Beleuchtungskörper sind eingetragt und international patentiert. wer gewarnt ist, ist halb gerettet.

FR **Viabizzuno se réserve le droit d'apporter une quelconque modification aux produits sans préavis. nos outils de travail sont valables pour les dimensions et les codes www. Viabizzuno.com, Viacommerce®, Viabizzunoapplight et Viabizzunoonline. nos ideés et nos corps d'illumination sont déposés et couverts de brevets internationales.**
un homme averti en vaut deux.

ES **Viabizzuno se reserva el derecho de aportar a sus modelos, sin ningùn preavviso, cualquier modificación que considere oportuna. por dimensiones y codigos dan fe nuestros instrumentos de trabajo www.Viabizzuno.com, Viacommerce®, Viabizzunoapplight y Viabizzunoonline. nuestros diseños y nuestros aparatos están todos provistos y cubiertos por patentes internacionales.**
el que avisa no es traidor.

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IT **garanzia:** la presente garanzia è valida 24 mesi se timbrata e datata dal rivenditore autorizzato Viabizzuno. il periodo di garanzia è di 2 anni a partire dalla data della timbratura e decade in caso di uso improprio, manomissione o cancellatura della data, perdita o illeggibilità del presente libretto di istruzioni.

EN **warranty:** the warranty covers 24 months if stamped and dated by the authorised Viabizzuno dealer.
the 24 months warranty shall no apply in case of wrong use, altered or deleted date, or if this instructions booklet gets lost or becomes unreadable.

DE **garantie:** Die Garantie gilt 24 Monate nur, wenn sie von dem zugelassenen Verkäufer Viabizzuno gestempelt wird. Die Garantie gilt 2 Jahr seit dem Stempeldatum und verfällt bei unberechtigten Gebrauch, Manipulation des Datums, Verlust oder Unlesbarkeit von den Gebrauchsanweisungen.

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ES **garantía:** esta garantìa es valida por 24 meses sòlo si està datada y sellada por el revendedor autorizado Viabizzuno. el período de garantía es de 2 años a partir de la fecha del sello, y decae en caso de empleo impropio, alteración o borrado de la fecha, pérdida o ilegibilidad del presente manual de instrucciones.

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IT **avvertenze:** all'atto dell'installazione, ed ogni volta che si interviene sulla lampada, assicurarsi che sia stata tolta la tensione di alimentazione. le operazioni di installazione e collegamento alla rete elettrica devono essere effettuate esclusivamente da personale qualificato.
è necessario attendere 5 minuti dallo spegnimento dell'apparecchio di illuminazione per procedere con la sostituzione di sorgenti luminose, ottiche e diffusori.

EN **warning:** when installing fixture and during upkeeping make sure that the mains voltage is off. the installation and connection operations to power mains should be done by skilled personnel only. before replacing the light sources, optics and diffusers, wait 5 minutes after switching off the light fitting.

DE **hinweise:** Während der Installation und bei allen nachfolgenden Arbeiten auf der Lampe sollte sichergestellt werden, daß die Versorgungsspannung vorher abgenommen wurde. Die Arbeiten zur Installation und zum Anschluss an das Stromnetz sind von Fachpersonal durchzuführen. Nach dem Abschalten des Beleuchtungskörpers muss 5 Minuten abgewartet werden, bevor Lichtquellen, Optiken und Lampenschirme ausgetauscht werden

FR **avvertissements:** lors de l'installation et à chaque fois que l'on fait un entretien sur la lampe, s'assurer que la tension d'alimentation ait été coupée. les opérations d'installation et de branchement au réseau électrique doivent être effectuées par un personnel qualifié. après avoir éteint le luminaire, il est nécessaire d'attendre 5 minutes avant de procéder au changement de sources lumineuses, optiques et diffuseurs.

ES **advertencia:** durante la instalación, y cada ve que se interviene sobre la lámpara, asegurarse que la alimentación haya sido desconectada. las operaciones de instalación y conexión a la red eléctrica tienen que ser efectuadas exclusivamente por personal cualificado. después de apagar el cuerpo iluminante, es necesario esperar 5 minutos para cambiar las fuentes luminosas, las ópticas y los difusores.

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IT **attenzione:** la sicurezza dell'apparecchio è garantita solo rispettando queste istruzioni sia in fase di installazione che di impiego.

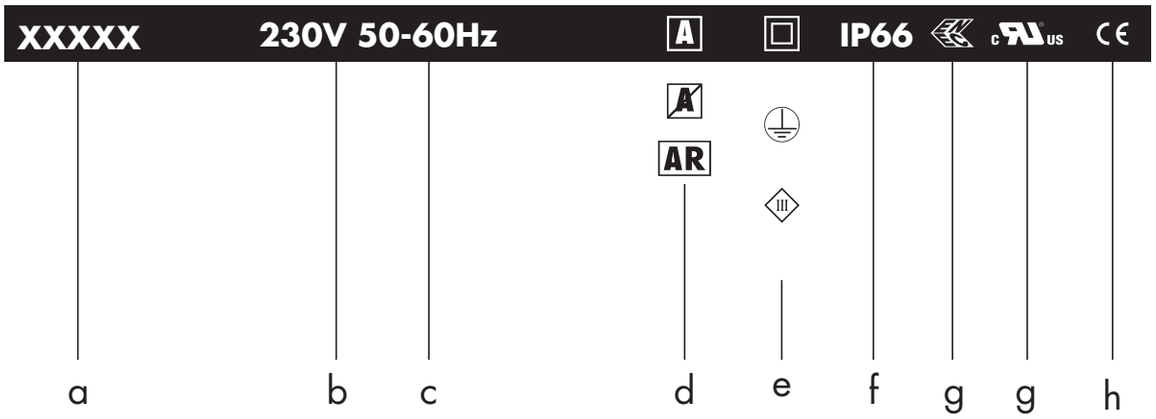
EN **warning:** fitting safety is only guaranteed if the following instructions are strictly observed both during installation and use.

DE **achtung:** Für die Sicherheit des Geräts kann nur dann die Garantie übernommen werden, wenn die in den vorliegenden Anweisungen enthaltenen Hinweise sowohl bei der Installation als auch beim Betrieb beachtet werden.

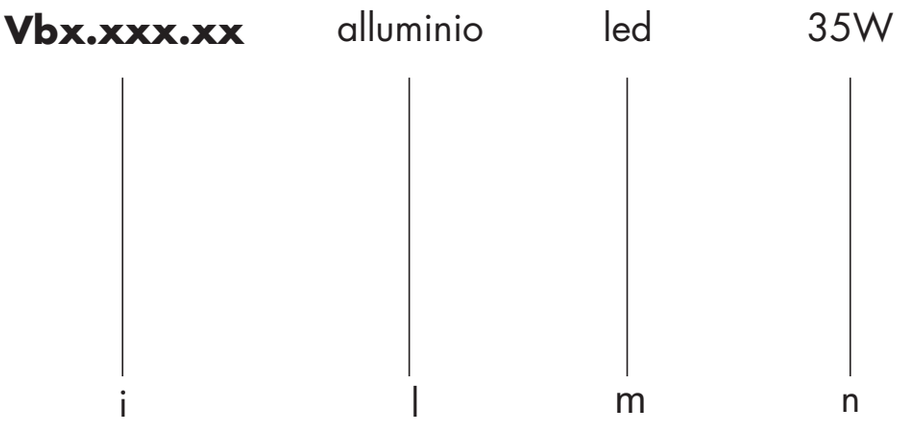
FR **attention:** la sécurité de l'appareil n'est assurée que lorsque les consignes portées sont respectées, tant lors de l'installation que durant l'utilisation de l'appareil.

ES **atención:** la seguridad del aparato está garantizada sólo si se respetan estas instrucciones durante la fase de instalación y de empleo.

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componenti. components. **IK10**

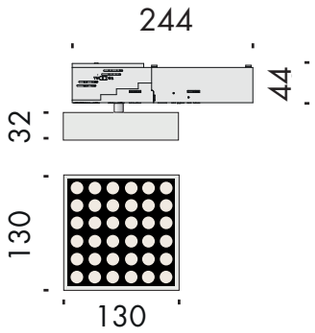
accessori. accessories. **IK10**

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a	nome apparecchio di illuminazione. lighting system name
b	tensione di alimentazione. supply rating (Volt)
c	frequenza di alimentazione. supply frequency (Hertz)
d	A alimentatore incluso. power supply included. A alimentatore escluso. power supply exlcuded. AR alimentatore incluso remoto. remote power supply.
e	classe di isolamento. insulation class
f	grado di protezione. protection rating
g	marchio di certificazione. certification for safety and quality standards
h	conforme alle direttive europee produced in compliance with EC directives
i	codice. code.
l	finitura. colours and finish.
m	sorgente luminosa. light source.
n	potenza lampadina (Watt). lamp wattage (Watt).

componenti - identifica tutti gli elementi indispensabili per la corretta funzionalità e installazione del apparecchio di illuminazione
components - includes all items that are essential to the correct operation and installation of the light system

accessori - si riferisce alle ulteriori parti installabili sull'apparecchio di illuminazione
accessories - refers to items that can be added to the fitting



mn adattatore A1 01 130x130 48Vdc IP40

Vb7.650.331	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.337	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.343	bianco V · nero	on-off	2700K	44°	1,3
Vb7.650.439	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.445	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.451	bianco V · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	26.0	1414	13.0	109
mn2797p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.332	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.338	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.343	bianco V · nero	on-off	3000K	44°	1,3
Vb7.650.440	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.446	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.452	bianco V · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1498	13.0	115
mn3097p1	vita media · average life 80000 h L90 B10								

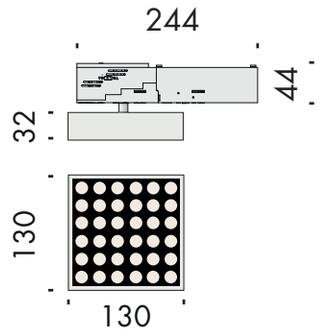
This product contains a light source of energy efficiency class: E

Vb7.650.333	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.339	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.345	bianco V · nero	on-off	3500K	44°	1,3
Vb7.650.441	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.447	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.453	bianco V · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1539	13.0	118
mn3597p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 01 130x130 48Vdc IP40

Vb7.650.334	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.340	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.346	bianco V · nero	on-off	2700K	70°	1,3
Vb7.650.442	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.448	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.454	bianco V · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	26.0	1414	13.0	109
mn2797p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.335	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.341	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.347	bianco V · nero	on-off	3000K	70°	1,3
Vb7.650.443	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.449	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.455	bianco V · nero	casambi	3000K	70°	1,3

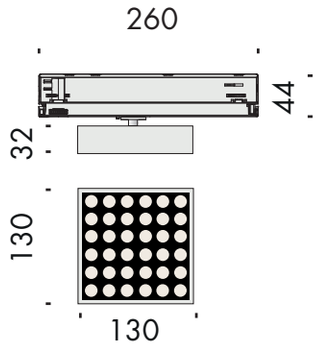
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1498	13.0	115
mn3097p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.336	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.342	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.348	bianco V · nero	on-off	3500K	70°	1,3
Vb7.650.444	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.450	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.456	bianco V · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1539	13.0	118
mn3597p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E



mn adattatore VbB 01 130x130

220-240V 50/60Hz · A · IP40

Vb7.650.001	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.007	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.013	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.109	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.115	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.121	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.217	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.223	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.229	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	26.0	1414	13.0	109
mn2797p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.002	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.008	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.014	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.110	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.116	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.122	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.218	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.224	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.230	bianco V · bianco	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1498	13.0	115
mn3097p1	vita media · average life 80000 h L90 B10								

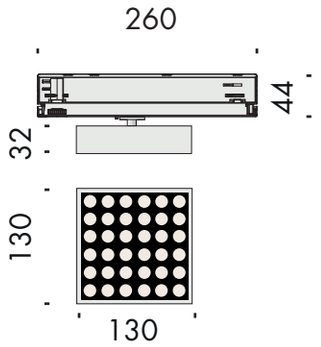
This product contains a light source of energy efficiency class: E

Vb7.650.003	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.009	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.015	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.111	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.117	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.123	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.219	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.225	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.231	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1539	13.0	118
mn3597p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore VbB 01 130x130 — 220-240V 50/60Hz — IP40

Vb7.650.004	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.010	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.016	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.112	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.118	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.124	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.220	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.226	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.232	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	26.0	1414	13.0	109
mn2797p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.005	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.011	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.017	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.113	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.119	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.125	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.221	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.227	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.233	bianco V · bianco	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1498	13.0	115
mn3097p1	vita media · average life 80000 h L90 B10								

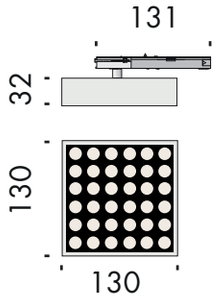
This product contains a light source of energy efficiency class: E

Vb7.650.006	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.012	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.018	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.114	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.120	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.126	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.222	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.228	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.234	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	26.0	1539	13.0	118
mn3597p1	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore traccia 01 130x130 24Vdc IP40

Vb7.650.551	nero55 · nero	pwm	2700K	44°	1,3
Vb7.650.557	argento hacca · nero	pwm	2700K	44°	1,3
Vb7.650.563	my bianco · nero	pwm	2700K	44°	1,3
Vb7.650.623	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.629	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.635	my bianco · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	17.0	997	8.5	117
mn2797plv1	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.552	nero55 · nero	pwm	3000K	44°	1,3
Vb7.650.558	argento hacca · nero	pwm	3000K	44°	1,3
Vb7.650.564	my bianco · nero	pwm	3000K	44°	1,3
Vb7.650.624	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.630	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.636	my bianco · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	17.0	1056	8.5	124
mn3097plv1	vita media · average life 70000 h L90 B10								

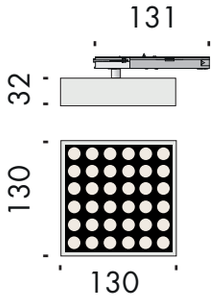
This product contains a light source of energy efficiency class: E

Vb7.650.553	nero55 · nero	pwm	3500K	44°	1,3
Vb7.650.559	argento hacca · nero	pwm	3500K	44°	1,3
Vb7.650.565	my bianco · nero	pwm	3500K	44°	1,3
Vb7.650.625	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.631	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.637	my bianco · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	17.0	1086	8.5	128
mn3597plv1	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore traccia 01 130x130 24Vdc IP40

Vb7.650.554	nero55 · nero	pwm	2700K	70°	1,3
Vb7.650.560	argento hacca · nero	pwm	2700K	70°	1,3
Vb7.650.566	my bianco · nero	pwm	2700K	70°	1,3
Vb7.650.626	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.632	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.638	my bianco · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	17.0	997	8.5	117
mn2797plv1	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.555	nero55 · nero	pwm	3000K	70°	1,3
Vb7.650.561	argento hacca · nero	pwm	3000K	70°	1,3
Vb7.650.567	my bianco · nero	pwm	3000K	70°	1,3
Vb7.650.627	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.633	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.639	my bianco · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	17.0	1056	8.5	124
mn3097plv1	vita media · average life 70000 h L90 B10								

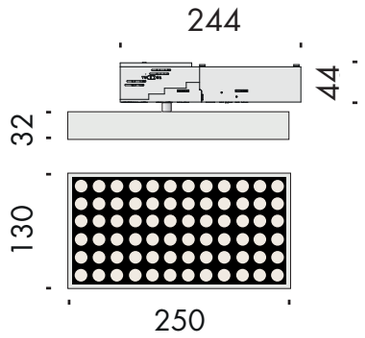
This product contains a light source of energy efficiency class: E

Vb7.650.556	nero55 · nero	pwm	3500K	70°	1,3
Vb7.650.562	argento hacca · nero	pwm	3500K	70°	1,3
Vb7.650.568	my bianco · nero	pwm	3500K	70°	1,3
Vb7.650.628	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.634	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.640	my bianco · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	17.0	1086	8.5	128
mn3597plv1	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 02 130x250 48Vdc IP40

Vb7.650.349	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.355	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.361	bianco V · nero	on-off	2700K	44°	1,3
Vb7.650.457	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.463	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.469	bianco V · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.1	2922	27.4	107
mn2797p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.350	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.356	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.362	bianco V · nero	on-off	3000K	44°	1,3
Vb7.650.458	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.464	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.470	bianco V · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

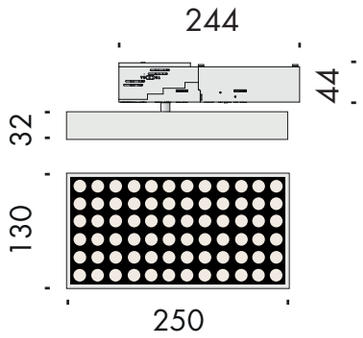
This product contains a light source of energy efficiency class: E

Vb7.650.351	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.357	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.363	bianco V · nero	on-off	3500K	44°	1,3
Vb7.650.459	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.465	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.471	bianco V · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3183	27.4	116
mn3597p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 02 130x250 48Vdc IP40

Vb7.650.352	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.358	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.364	bianco V · nero	on-off	2700K	70°	1,3
Vb7.650.460	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.466	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.472	bianco V · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.1	2922	27.4	107
mn2797p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.353	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.359	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.365	bianco V · nero	on-off	3000K	70°	1,3
Vb7.650.461	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.467	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.473	bianco V · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

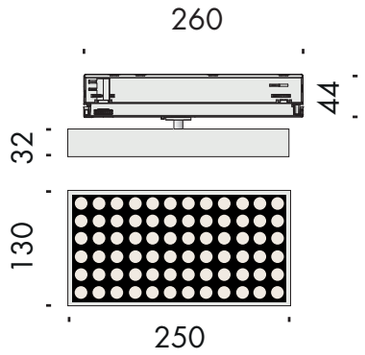
This product contains a light source of energy efficiency class: E

Vb7.650.354	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.360	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.366	bianco V · nero	on-off	3500K	70°	1,3
Vb7.650.462	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.468	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.474	bianco V · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3183	27.4	116
mn3597p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore VbB 02 130x250

220-240V 50/60Hz · IP40

Vb7.650.019	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.025	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.031	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.127	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.133	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.139	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.235	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.241	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.247	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.1	2922	27.4	107
mn2797p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.020	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.026	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.032	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.128	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.134	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.140	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.236	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.242	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.248	bianco V · bianco	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

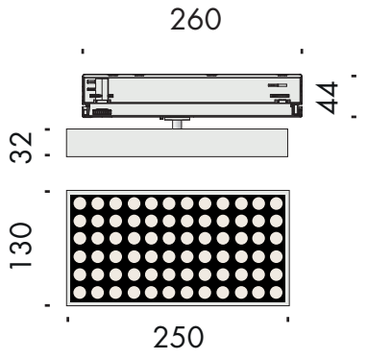
This product contains a light source of energy efficiency class: E

Vb7.650.021	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.027	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.033	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.129	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.135	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.141	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.237	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.243	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.249	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3183	27.4	116
mn3597p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore VbB 02 130x250 — 220-240V 50/60Hz — IP40

Vb7.650.022	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.028	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.034	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.130	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.136	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.142	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.238	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.244	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.250	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.1	2922	27.4	107
mn2797p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.023	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.029	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.035	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.131	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.137	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.143	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.239	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.245	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.251	bianco V · bianco	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

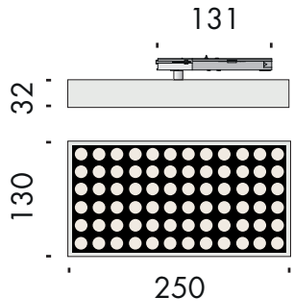
This product contains a light source of energy efficiency class: E

Vb7.650.024	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.030	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.036	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.132	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.138	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.144	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.240	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.246	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.252	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3183	27.4	116
mn3597p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore traccia 02 130x250 24Vdc IP40

Vb7.650.569	nero55 · nero	pwm	2700K	44°	1,3
Vb7.650.575	argento hacca · nero	pwm	2700K	44°	1,3
Vb7.650.581	my bianco · nero	pwm	2700K	44°	1,3
Vb7.650.641	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.647	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.653	my bianco · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	16.7	1440	11.7	123
mn2797plv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.570	nero55 · nero	pwm	3000K	44°	1,3
Vb7.650.576	argento hacca · nero	pwm	3000K	44°	1,3
Vb7.650.582	my bianco · nero	pwm	3000K	44°	1,3
Vb7.650.642	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.648	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.654	my bianco · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	16.7	1525	11.7	130
mn3097plv2	vita media · average life 70000 h L90 B10								

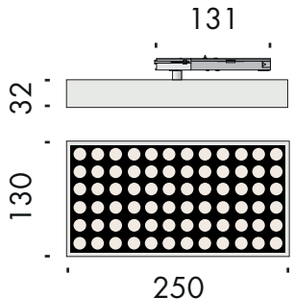
This product contains a light source of energy efficiency class: E

Vb7.650.571	nero55 · nero	pwm	3500K	44°	1,3
Vb7.650.577	argento hacca · nero	pwm	3500K	44°	1,3
Vb7.650.583	my bianco · nero	pwm	3500K	44°	1,3
Vb7.650.643	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.649	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.655	my bianco · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	16.7	1568	11.7	134
mn3597plv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore traccia 02 130x250 24Vdc IP40

Vb7.650.572	nero55 · nero	pwm	2700K	70°	1,3
Vb7.650.578	argento hacca · nero	pwm	2700K	70°	1,3
Vb7.650.584	my bianco · nero	pwm	2700K	70°	1,3
Vb7.650.644	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.650	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.656	my bianco · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	16.7	1440	11.7	123
mn2797plv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.573	nero55 · nero	pwm	3000K	70°	1,3
Vb7.650.579	argento hacca · nero	pwm	3000K	70°	1,3
Vb7.650.585	my bianco · nero	pwm	3000K	70°	1,3
Vb7.650.645	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.651	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.657	my bianco · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	16.7	1525	11.7	130
mn3097plv2	vita media · average life 70000 h L90 B10								

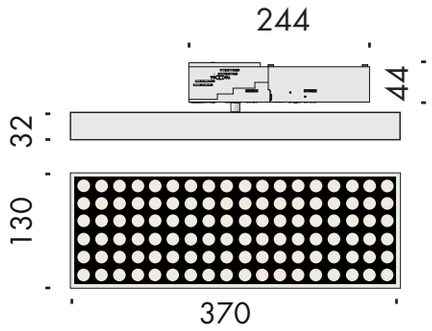
This product contains a light source of energy efficiency class: E

Vb7.650.574	nero55 · nero	pwm	3500K	70°	1,3
Vb7.650.580	argento hacca · nero	pwm	3500K	70°	1,3
Vb7.650.586	my bianco · nero	pwm	3500K	70°	1,3
Vb7.650.646	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.652	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.658	my bianco · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	16.7	1568	11.7	134
mn3597plv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 03 130x370 48Vdc IP40

Vb7.650.367	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.373	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.379	bianco V · nero	on-off	2700K	44°	1,3
Vb7.650.475	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.481	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.487	bianco V · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	25.3	3140	26.6	118
mn2797p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.368	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.374	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.380	bianco V · nero	on-off	3000K	44°	1,3
Vb7.650.476	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.482	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.488	bianco V · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

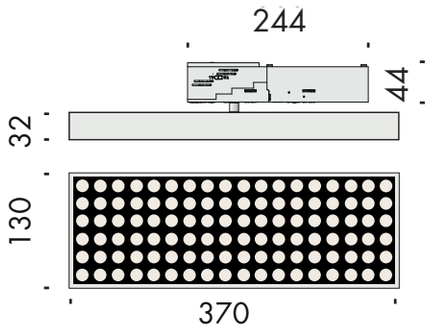
This product contains a light source of energy efficiency class: E

Vb7.650.369	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.375	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.381	bianco V · nero	on-off	3500K	44°	1,3
Vb7.650.477	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.483	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.489	bianco V · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3419	26.6	129
mn3597p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 03 130x370 48Vdc IP40

Vb7.650.370	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.376	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.382	bianco V · nero	on-off	2700K	70°	1,3
Vb7.650.478	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.484	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.490	bianco V · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	25.3	3140	26.6	118
mn2797p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.371	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.377	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.383	bianco V · nero	on-off	3000K	70°	1,3
Vb7.650.479	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.485	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.491	bianco V · nero	casambi	3000K	70°	1,3

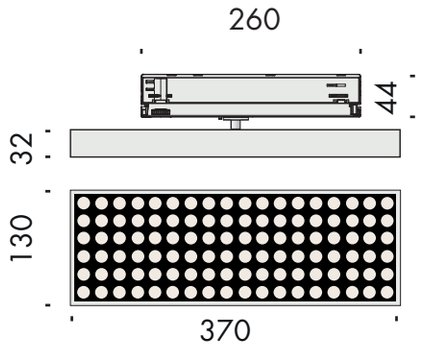
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3326	26.6	125
mn3097p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.372	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.378	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.384	bianco V · nero	on-off	3500K	70°	1,3
Vb7.650.480	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.486	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.492	bianco V · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3419	26.6	129
mn3597p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E



mn adattatore VbB 03 130x370 220-240V 50/60Hz IP40

Vb7.650.037	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.043	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.049	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.145	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.151	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.157	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.253	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.259	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.265	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	25.3	3140	26.6	118
mn2797p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.038	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.044	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.050	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.146	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.152	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.158	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.254	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.260	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.266	bianco V · bianco	casambi	3000K	44°	1,3

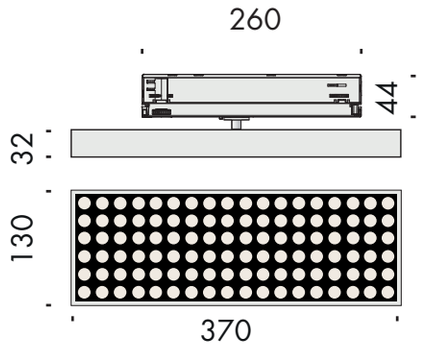
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.1	3096	27.4	113
mn3097p2	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.039	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.045	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.051	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.147	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.153	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.159	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.255	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.261	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.267	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3419	26.6	129
mn3597p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E



mn adattatore VbB 03 130x370 220-240V 50/60Hz IP40

Vb7.650.040	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.046	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.052	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.148	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.154	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.160	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.256	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.262	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.268	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	25.3	3140	26.6	118
mn2797p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.041	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.047	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.053	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.149	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.155	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.161	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.257	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.263	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.269	bianco V · bianco	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3326	26.6	125
mn3097p3	vita media · average life 80000 h L90 B10								

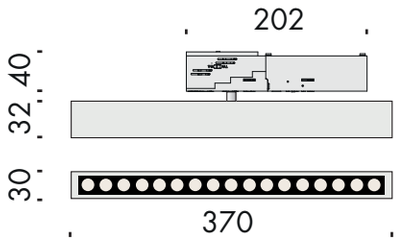
This product contains a light source of energy efficiency class: E

Vb7.650.042	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.048	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.054	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.150	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.156	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.162	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.258	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.264	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.270	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	25.3	3419	26.6	129
mn3597p3	vita media · average life 80000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore A1 30x370 — 48Vdc — IP40

Vb7.650.385	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.391	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.397	bianco V · nero	on-off	2700K	44°	1,3
Vb7.650.493	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.499	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.505	bianco V · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	350	27.0	948	9.5	100
mn2797i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.386	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.392	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.398	bianco V · nero	on-off	3000K	44°	1,3
Vb7.650.494	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.500	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.506	bianco V · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1004	9.5	106
mn3097i2	vita media · average life 70000 h L90 B10								

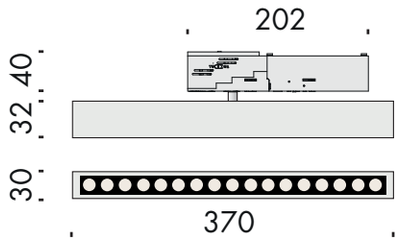
This product contains a light source of energy efficiency class: F

Vb7.650.387	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.393	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.399	bianco V · nero	on-off	3500K	44°	1,3
Vb7.650.495	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.501	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.507	bianco V · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1032	9.5	109
mn3597i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore A1 30x370 — 48Vdc — IP40

Vb7.650.388	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.394	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.400	bianco V · nero	on-off	2700K	70°	1,3
Vb7.650.496	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.502	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.508	bianco V · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	350	27.0	948	9.5	100
mn2797i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.389	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.395	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.401	bianco V · nero	on-off	3000K	70°	1,3
Vb7.650.497	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.503	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.509	bianco V · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1004	9.5	106
mn3097i2	vita media · average life 70000 h L90 B10								

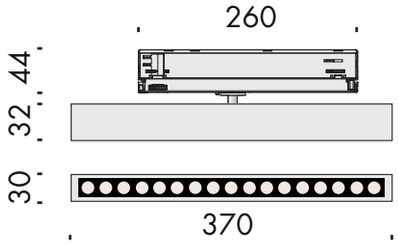
This product contains a light source of energy efficiency class: F

Vb7.650.390	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.396	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.402	bianco V · nero	on-off	3500K	70°	1,3
Vb7.650.498	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.504	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.510	bianco V · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1032	9.5	109
mn3597i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore VbB 30x370

220-240V 50/60Hz · IP40

Vb7.650.055	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.061	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.067	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.163	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.169	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.175	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.271	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.277	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.283	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	350	27.0	948	9.5	100
mn2797i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.056	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.062	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.068	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.164	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.170	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.176	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.272	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.278	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.284	bianco V · bianco	casambi	3000K	44°	1,3

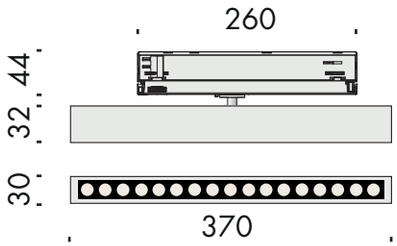
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1004	9.5	106
mn3097i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.057	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.063	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.063	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.165	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.171	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.177	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.273	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.279	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.285	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1032	9.5	109
mn3597i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F



mn adattatore VbB 30x370

220-240V 50/60Hz | A | IP40

Vb7.650.058	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.064	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.070	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.166	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.172	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.178	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.274	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.280	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.286	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	350	27.0	948	9.5	100
mn2797i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.059	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.065	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.071	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.167	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.173	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.179	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.275	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.281	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.287	bianco V · bianco	casambi	3000K	70°	1,3

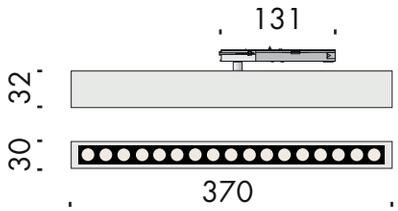
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1004	9.5	106
mn3097i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.060	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.066	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.072	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.168	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.174	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.180	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.276	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.282	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.288	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	350	27.0	1032	9.5	109
mn3597i2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F



mn adattatore traccia 30x370 — 24Vdc — IP40

Vb7.650.587	nero55 · nero	pwm	2700K	44°	1,3
Vb7.650.593	argento hacca · nero	pwm	2700K	44°	1,3
Vb7.650.599	my bianco · nero	pwm	2700K	44°	1,3
Vb7.650.659	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.665	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.671	my bianco · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	18.0	902	9.0	100
mn2797ilv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.588	nero55 · nero	pwm	3000K	44°	1,3
Vb7.650.594	argento hacca · nero	pwm	3000K	44°	1,3
Vb7.650.600	my bianco · nero	pwm	3000K	44°	1,3
Vb7.650.660	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.666	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.672	my bianco · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	18.0	956	9.0	106
mn3097ilv2	vita media · average life 70000 h L90 B10								

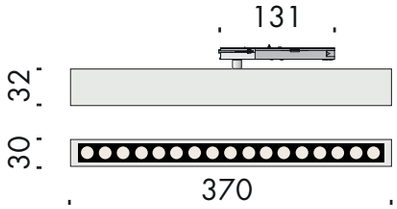
This product contains a light source of energy efficiency class: F

Vb7.650.589	nero55 · nero	pwm	3500K	44°	1,3
Vb7.650.595	argento hacca · nero	pwm	3500K	44°	1,3
Vb7.650.601	my bianco · nero	pwm	3500K	44°	1,3
Vb7.650.661	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.667	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.673	my bianco · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	18.0	983	9.0	109
mn3597ilv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore traccia 30x370 — 24Vdc — IP40

Vb7.650.590	nero55 · nero	pwm	2700K	70°	1,3
Vb7.650.596	argento hacca · nero	pwm	2700K	70°	1,3
Vb7.650.602	my bianco · nero	pwm	2700K	70°	1,3
Vb7.650.662	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.668	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.674	my bianco · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	500	18.0	902	9.0	100
mn2797ilv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.591	nero55 · nero	pwm	3000K	70°	1,3
Vb7.650.597	argento hacca · nero	pwm	3000K	70°	1,3
Vb7.650.603	my bianco · nero	pwm	3000K	70°	1,3
Vb7.650.663	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.669	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.675	my bianco · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	18.0	956	9.0	106
mn3097ilv2	vita media · average life 70000 h L90 B10								

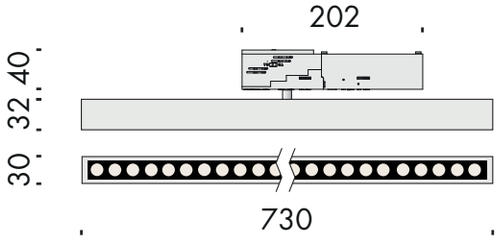
This product contains a light source of energy efficiency class: F

Vb7.650.592	nero55 · nero	pwm	3500K	70°	1,3
Vb7.650.598	argento hacca · nero	pwm	3500K	70°	1,3
Vb7.650.604	my bianco · nero	pwm	3500K	70°	1,3
Vb7.650.664	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.670	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.676	my bianco · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	500	18.0	983	9.0	109
mn3597ilv2	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore A1 30x730 — 48Vdc — IP40

Vb7.650.403	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.409	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.415	bianco V · nero	on-off	2700K	44°	1,3
Vb7.650.511	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.517	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.523	bianco V · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	27.0	1896	18.9	100
mn2797i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.404	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.410	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.416	bianco V · nero	on-off	3000K	44°	1,3
Vb7.650.512	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.518	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.524	bianco V · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2008	18.9	106
mn3097i4	vita media · average life 70000 h L90 B10								

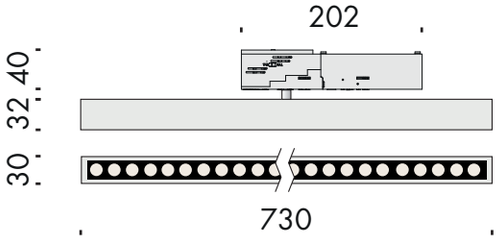
This product contains a light source of energy efficiency class: F

Vb7.650.405	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.411	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.417	bianco V · nero	on-off	3500K	44°	1,3
Vb7.650.513	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.519	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.525	bianco V · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2064	18.9	109
mn3597i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore A1 130x730 — 48Vdc — IP40

Vb7.650.406	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.412	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.418	bianco V · nero	on-off	2700K	70°	1,3
Vb7.650.514	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.520	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.526	bianco V · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	27.0	1896	18.9	100
mn2797i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.407	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.413	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.418	bianco V · nero	on-off	3000K	70°	1,3
Vb7.650.515	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.521	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.527	bianco V · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2008	18.9	106
mn3097i4	vita media · average life 70000 h L90 B10								

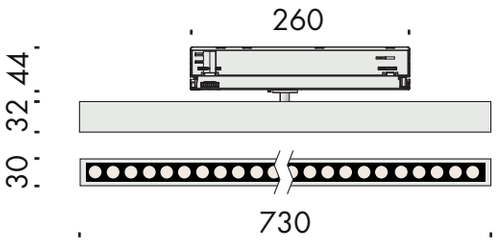
This product contains a light source of energy efficiency class: F

Vb7.650.408	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.414	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.420	bianco V · nero	on-off	3500K	70°	1,3
Vb7.650.516	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.522	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.528	bianco V · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2064	18.9	109
mn3597i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore VbB 30x730

220-240V 50/60Hz · IP40

Vb7.650.073	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.079	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.085	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.181	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.187	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.193	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.289	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.295	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.301	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	27.0	1896	18.9	100
mn2797i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.074	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.080	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.086	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.182	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.188	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.194	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.290	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.296	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.302	bianco V · bianco	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2008	18.9	106
mn3097i4	vita media · average life 70000 h L90 B10								

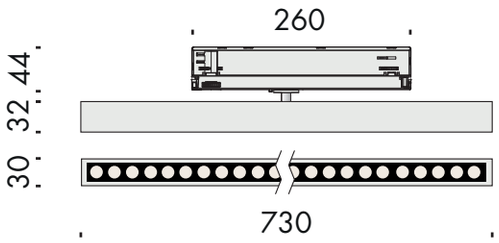
This product contains a light source of energy efficiency class: F

Vb7.650.075	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.081	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.087	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.183	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.189	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.195	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.291	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.297	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.303	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2064	18.9	109
mn3597i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

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mn adattatore VbB 30x730

220-240V 50/60Hz · IP40

Vb7.650.076	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.082	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.088	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.184	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.190	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.196	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.292	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.298	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.304	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	27.0	1896	18.9	100
mn2797i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.077	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.083	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.089	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.185	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.191	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.197	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.293	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.299	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.305	bianco V · bianco	casambi	3000K	70°	1,3

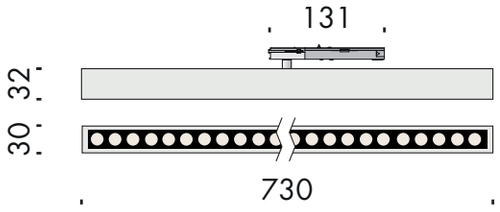
Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2008	18.9	106
mn3097i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F

Vb7.650.078	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.084	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.090	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.186	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.192	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.198	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.294	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.300	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.306	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	27.0	2064	18.9	109
mn3597i4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: F



mn adattatore traccia 30x730 — 24Vdc — IP40

Vb7.650.605	nero55 · nero	pwm	2700K	44°	1,3
Vb7.650.611	argento hacca · nero	pwm	2700K	44°	1,3
Vb7.650.617	my bianco · nero	pwm	2700K	44°	1,3
Vb7.650.677	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.683	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.689	my bianco · nero	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	17,5	1351	12,3	111
mn2797ilv4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.606	nero55 · nero	pwm	3000K	44°	1,3
Vb7.650.612	argento hacca · nero	pwm	3000K	44°	1,3
Vb7.650.618	my bianco · nero	pwm	3000K	44°	1,3
Vb7.650.678	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.684	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.690	my bianco · nero	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	17.5	1432	12.3	117
mn3097ilv4	vita media · average life 70000 h L90 B10								

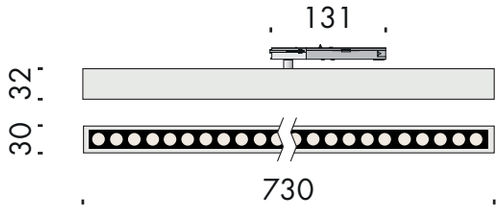
This product contains a light source of energy efficiency class: E

Vb7.650.607	nero55 · nero	pwm	3500K	44°	1,3
Vb7.650.613	argento hacca · nero	pwm	3500K	44°	1,3
Vb7.650.619	my bianco · nero	pwm	3500K	44°	1,3
Vb7.650.679	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.685	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.691	my bianco · nero	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	17,5	1472	12,3	121
mn3097ilv4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore traccia 30x730 — 24Vdc — IP40

Vb7.650.608	nero55 · nero	pwm	2700K	70°	1,3
Vb7.650.614	argento hacca · nero	pwm	2700K	70°	1,3
Vb7.650.620	my bianco · nero	pwm	2700K	70°	1,3
Vb7.650.680	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.686	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.692	my bianco · nero	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	17,5	1351	12,3	111
mn2797ilv4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.609	nero55 · nero	pwm	3000K	70°	1,3
Vb7.650.615	argento hacca · nero	pwm	3000K	70°	1,3
Vb7.650.621	my bianco · nero	pwm	3000K	70°	1,3
Vb7.650.681	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.687	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.693	my bianco · nero	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	700	17.5	1432	12.3	117
mn3097ilv4	vita media · average life 70000 h L90 B10								

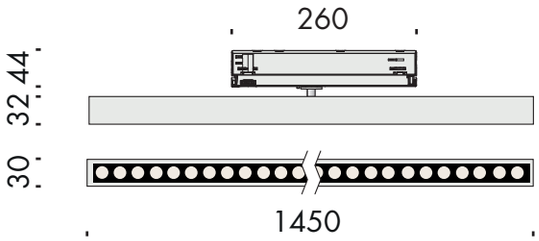
This product contains a light source of energy efficiency class: E

Vb7.650.610	nero55 · nero	pwm	3500K	70°	1,3
Vb7.650.616	argento hacca · nero	pwm	3500K	70°	1,3
Vb7.650.622	my bianco · nero	pwm	3500K	70°	1,3
Vb7.650.682	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.688	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.694	my bianco · nero	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	700	17,5	1472	12,3	121
mn3097ilv4	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore VbB 30x1450

220-240V 50/60Hz | IP40

Vb7.650.091	nero55 · nero	on-off	2700K	44°	1,3
Vb7.650.097	argento hacca · nero	on-off	2700K	44°	1,3
Vb7.650.103	bianco V · bianco	on-off	2700K	44°	1,3
Vb7.650.199	nero55 · nero	dali	2700K	44°	1,3
Vb7.650.205	argento hacca · nero	dali	2700K	44°	1,3
Vb7.650.211	bianco V · bianco	dali	2700K	44°	1,3
Vb7.650.307	nero55 · nero	casambi	2700K	44°	1,3
Vb7.650.313	argento hacca · nero	casambi	2700K	44°	1,3
Vb7.650.319	bianco V · bianco	casambi	2700K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.0	3040	27.4	111
mn2797i8	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.092	nero55 · nero	on-off	3000K	44°	1,3
Vb7.650.098	argento hacca · nero	on-off	3000K	44°	1,3
Vb7.650.104	bianco V · bianco	on-off	3000K	44°	1,3
Vb7.650.200	nero55 · nero	dali	3000K	44°	1,3
Vb7.650.206	argento hacca · nero	dali	3000K	44°	1,3
Vb7.650.212	bianco V · bianco	dali	3000K	44°	1,3
Vb7.650.308	nero55 · nero	casambi	3000K	44°	1,3
Vb7.650.314	argento hacca · nero	casambi	3000K	44°	1,3
Vb7.650.320	bianco V · bianco	casambi	3000K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.0	3220	27.4	118
mn3097i8	vita media · average life 70000 h L90 B10								

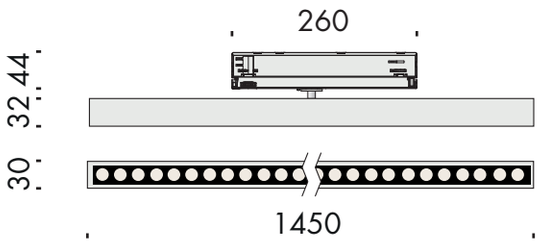
This product contains a light source of energy efficiency class: E

Vb7.650.093	nero55 · nero	on-off	3500K	44°	1,3
Vb7.650.099	argento hacca · nero	on-off	3500K	44°	1,3
Vb7.650.105	bianco V · bianco	on-off	3500K	44°	1,3
Vb7.650.201	nero55 · nero	dali	3500K	44°	1,3
Vb7.650.207	argento hacca · nero	dali	3500K	44°	1,3
Vb7.650.212	bianco V · bianco	dali	3500K	44°	1,3
Vb7.650.309	nero55 · nero	casambi	3500K	44°	1,3
Vb7.650.315	argento hacca · nero	casambi	3500K	44°	1,3
Vb7.650.321	bianco V · bianco	casambi	3500K	44°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.0	3310	27.4	121
mn3597i8	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

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mn adattatore VbB 30x1450

220-240V 50/60Hz | A | IP40

Vb7.650.094	nero55 · nero	on-off	2700K	70°	1,3
Vb7.650.100	argento hacca · nero	on-off	2700K	70°	1,3
Vb7.650.106	bianco V · bianco	on-off	2700K	70°	1,3
Vb7.650.202	nero55 · nero	dali	2700K	70°	1,3
Vb7.650.208	argento hacca · nero	dali	2700K	70°	1,3
Vb7.650.214	bianco V · bianco	dali	2700K	70°	1,3
Vb7.650.310	nero55 · nero	casambi	2700K	70°	1,3
Vb7.650.316	argento hacca · nero	casambi	2700K	70°	1,3
Vb7.650.322	bianco V · bianco	casambi	2700K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 93	Rg 102	step 2	1050	26.0	3040	27.4	111
mn2797i8	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.095	nero55 · nero	on-off	3000K	70°	1,3
Vb7.650.101	argento hacca · nero	on-off	3000K	70°	1,3
Vb7.650.106	bianco V · bianco	on-off	3000K	70°	1,3
Vb7.650.203	nero55 · nero	dali	3000K	70°	1,3
Vb7.650.209	argento hacca · nero	dali	3000K	70°	1,3
Vb7.650.215	bianco V · bianco	dali	3000K	70°	1,3
Vb7.650.311	nero55 · nero	casambi	3000K	70°	1,3
Vb7.650.317	argento hacca · nero	casambi	3000K	70°	1,3
Vb7.650.323	bianco V · bianco	casambi	3000K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.0	3220	27.4	118
mn3097i8	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

Vb7.650.096	nero55 · nero	on-off	3500K	70°	1,3
Vb7.650.102	argento hacca · nero	on-off	3500K	70°	1,3
Vb7.650.105	bianco V · bianco	on-off	3500K	70°	1,3
Vb7.650.204	nero55 · nero	dali	3500K	70°	1,3
Vb7.650.210	argento hacca · nero	dali	3500K	70°	1,3
Vb7.650.216	bianco V · bianco	dali	3500K	70°	1,3
Vb7.650.312	nero55 · nero	casambi	3500K	70°	1,3
Vb7.650.318	argento hacca · nero	casambi	3500K	70°	1,3
Vb7.650.324	bianco V · bianco	casambi	3500K	70°	1,3

Ra	R9	ies tm-30		sdcm	mA	$V_{f\,(min)}$	lm	W	lm/W
97	90	Rf 95	Rg 102	step 2	1050	26.0	3310	27.4	121
mn3597i8	vita media · average life 70000 h L90 B10								

This product contains a light source of energy efficiency class: E

IT **attenzione il led è un delicato componente elettronico** e per assicurargli una vita che rispecchi quella indicata nelle relative schede tecniche, è necessario avere alcune accortezze:
- i corpi illuminanti devono essere installati solo e esclusivamente a cantiere terminato;
- l'installazione non deve avvenire in un ambiente polveroso;
- devono essere connessi alla rete elettrica in assenza di tensione;
- vietato connettere e disconnettere l'alimentazione del led quando l'alimentatore è sotto tensione.

EN **caution the led lamp is a delicate electronic component** and requires the following care to ensure that its life meets technical specifications:
- the light fittings must only be installed when construction yard work has been completed;
- do not install the led in a dusty environment;
- it must be connected to the mains circuit in the absence of voltage;
- it is forbidden to connect and disconnect power supply to the led when the power supply unit is live.

DE **achtung Leds sind empfindliche elektronische Bauteile.** Um die in den jeweiligen Datenblättern angegebene Standzeit zu erreichen, müssen einige Vorkehrungen getroffen werden:
- Die beleuchtungskörper dürfen erst und ausschließlich nach Abschluss der Bauarbeiten installiert werden;
- Die Installation darf nicht in staubiger Umgebung erfolgen;
- Der Anschluss an das Stromnetz muss bei abgeschalteter Spannung erfolgen;
- Die Versorgung der Leds darf nicht ein- und ausgeschaltet werden, wenn das Vorschaltgerät unter Spannung steht.

FR **attention la led est un composant électronique délicat** et pour que sa durée de vie corresponde à celle indiquée dans les fiches techniques correspondantes, il est nécessaire de respecter un certain nombre de recommandations :
- les luminaires doivent être installés uniquement une fois le chantier terminé;
- l'installation ne doit pas s'effectuer dans un environnement poussiéreux;
- les spots doivent être branchés au secteur d'alimentation électrique en l'absence de tension;
- ne jamais brancher et débrancher l'alimentation de la led quand l'alimentateur est sous tension.

ES **atención el led es un componente electrónico delicado**, y para asegurarse de que su vida útil corresponda con la indicada en las fichas técnicas correspondientes, es necesario tener en cuenta que:
- los cuerpos luminosos deben instalarte única y exclusivamente una vez terminada la obra;
- la instalación no se debe efectuar en ambientes cargados de polvo;
- se deben conectar a la red eléctrica con la corriente cortada;
- se prohíbe conectar y desconectar la alimentación del led cuando el alimentador está bajo tensión.

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IT **attenzione:** non guardare mai direttamente la sorgente luminosa senza copertura diffondente.
la sorgente luminosa contenuta in questo apparecchio deve essere sostituita solo dal costruttore o dal suo servizio di assistenza o da personale altrettanto qualificato

EN **attention:** never look straight at the light source without the diffusing cover. the light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

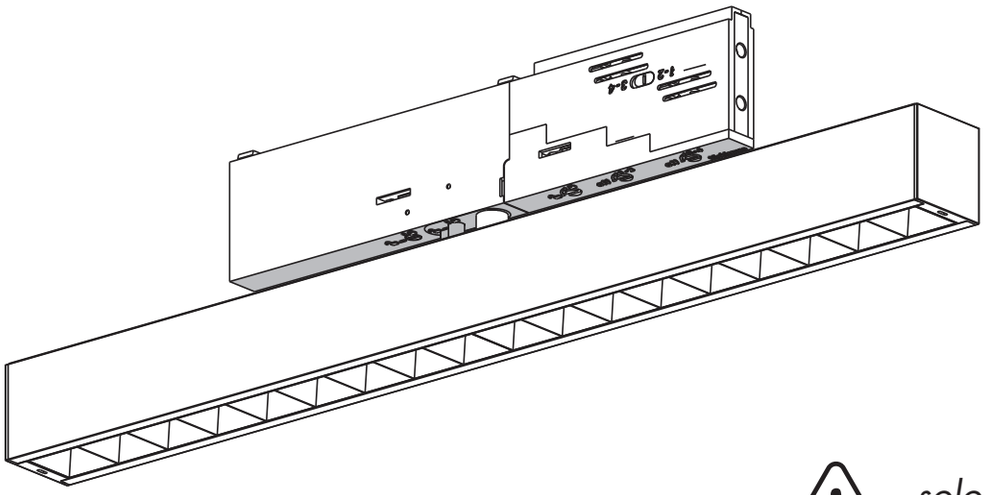
DE **achtung:** Nie mit bloßem Auge direkt in die lichtquelle schauen ohne Diffuserabdeckung. Die in diesem Gerät enthaltene Lichtquelle darf ausschließlich vom Hersteller bzw. dessen Kundendienst oder durch gleichermaßen qualifiziertes Personal ausgetauscht werden.

FR **attention:** ne jamais regarder directement la source lumineuse sans coverture répadante. la source lumineuse présente dans cet appareil doit être changée uniquement par le fabricant ou par son service d'assistance ou par un personnel qualifié à cet effet.

ES **atención:** nunca mirar directamente la fuente luminiosa sin cubierta de diffusión. la sustitución de la fuente luminosa contenida en este aparato debe ser realizada únicamente por el fabricante, por su servicio de asistencia o por personal equiparable.

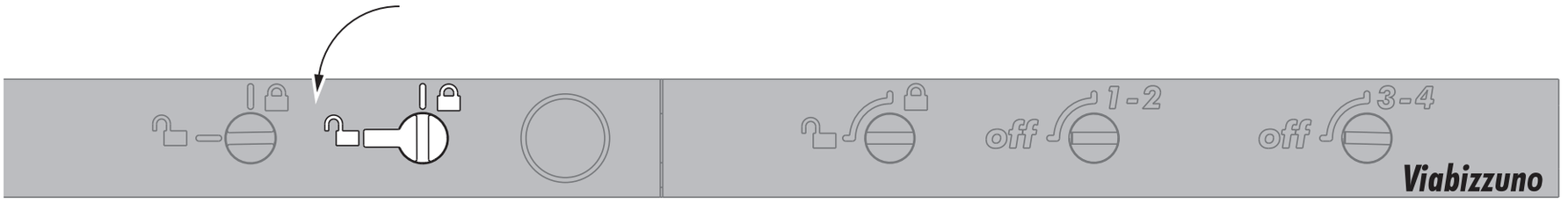
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1. mn adattatore A1

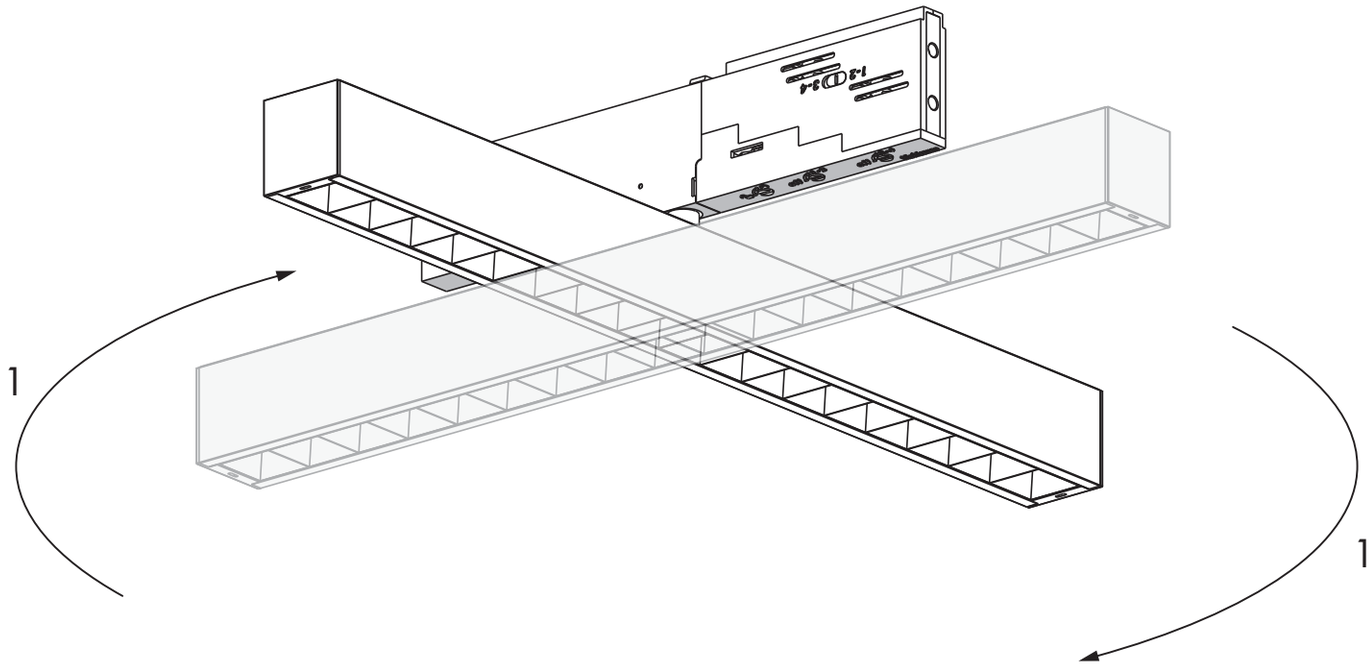


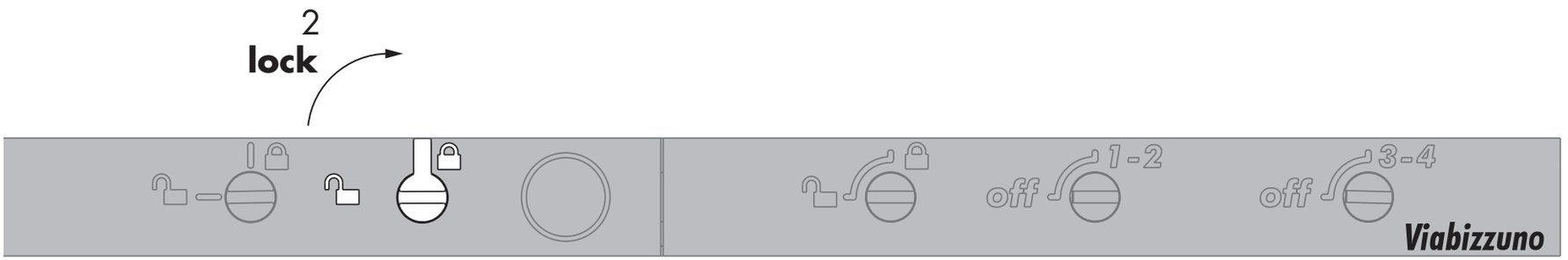
solo per. only for. nur fur.
uniquement pour. solo pàra.

mn adattatore A1 30x370
mn adattatore A1 30x730



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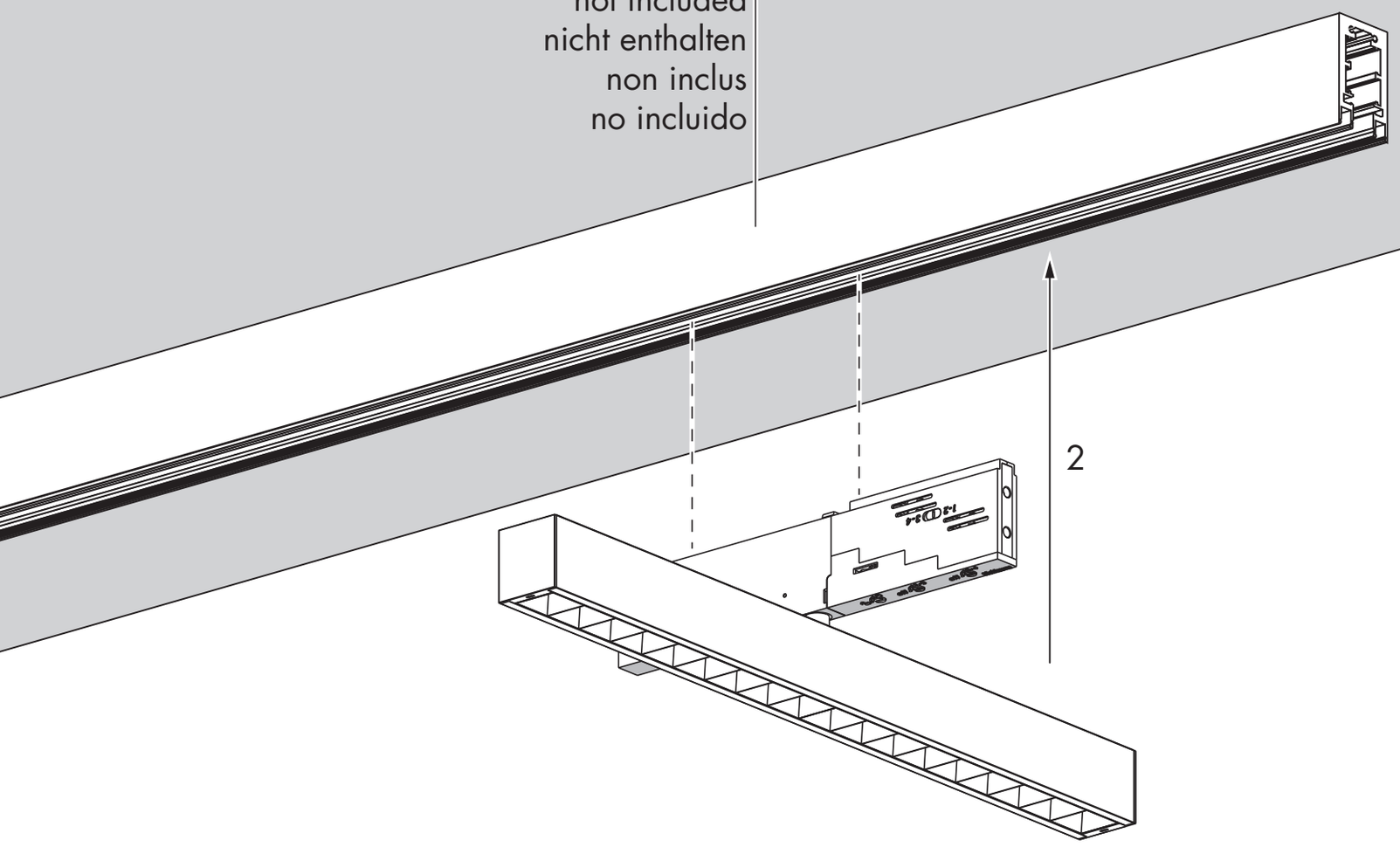

1
1

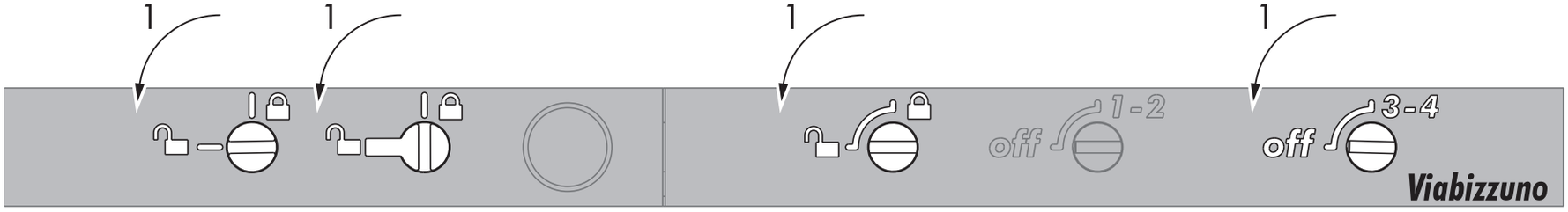

2
lock
off
1-2
off
3-4
Viabizzuno

3.

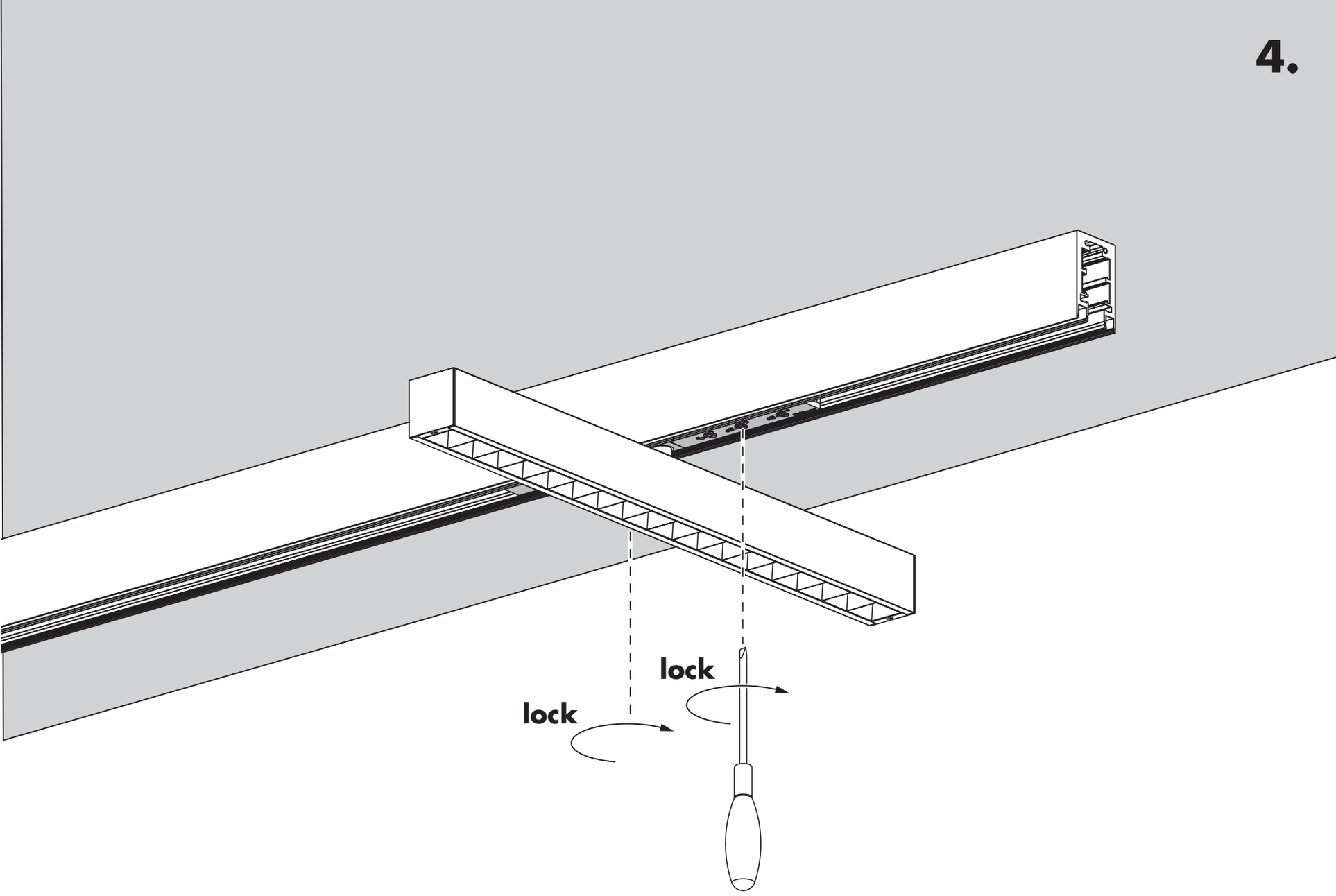
binario A1

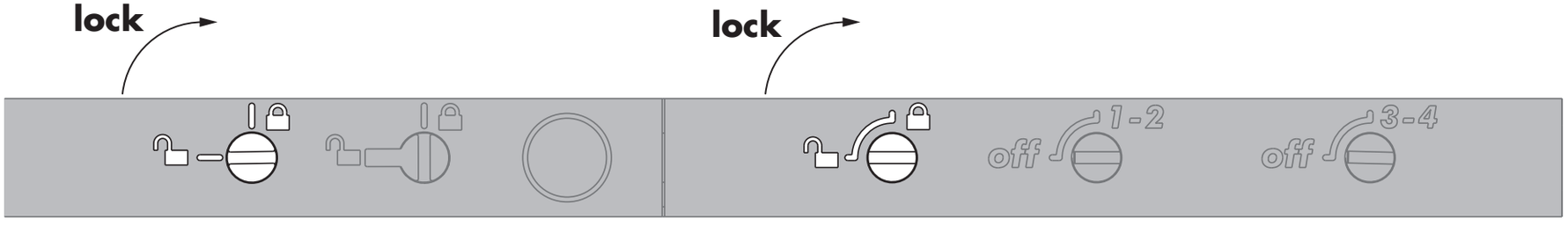
non incluso
not included
nicht enthalten
non inclus
no incluido



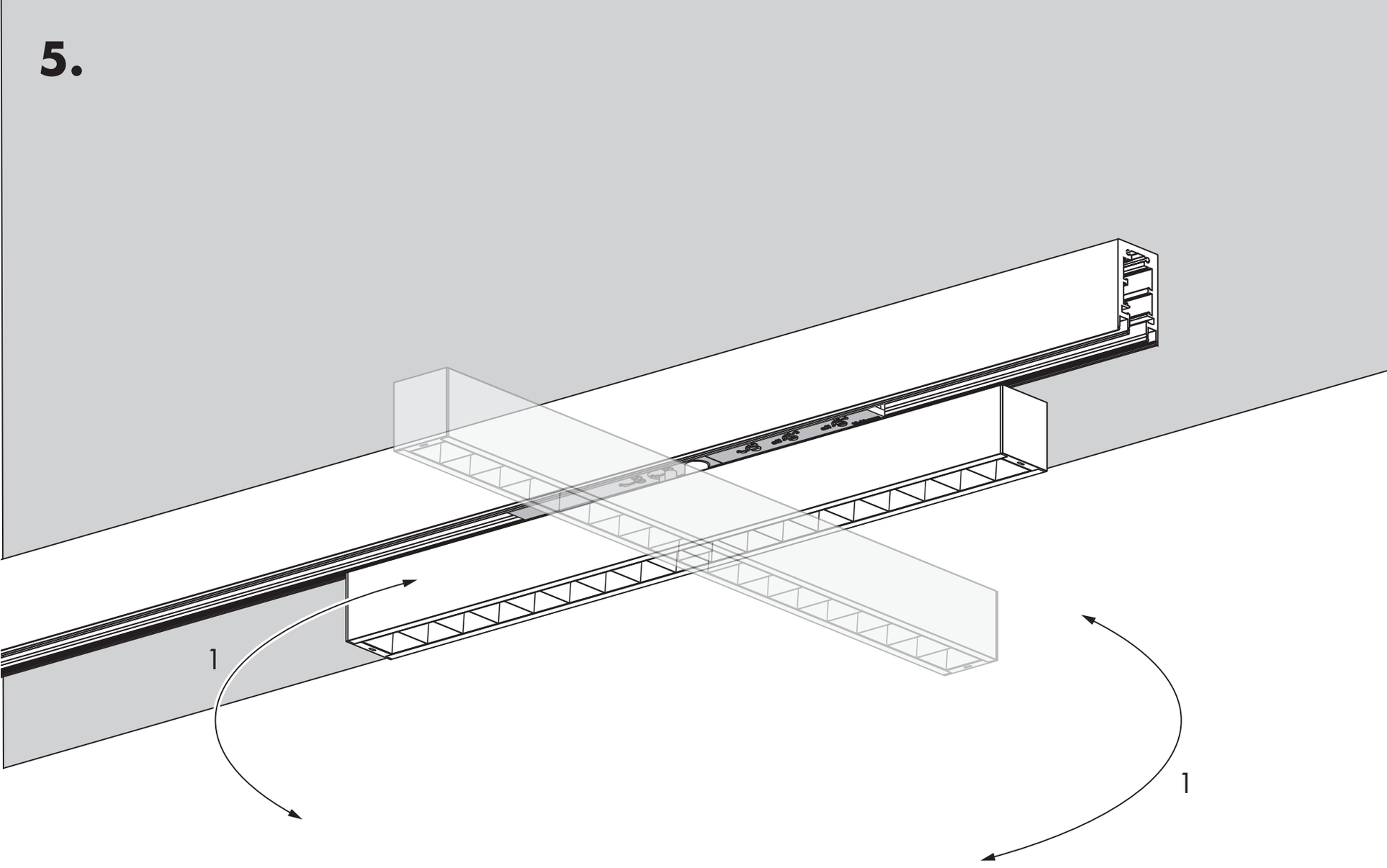


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lock
lock


lock
lock
off
1-2
off
3-4

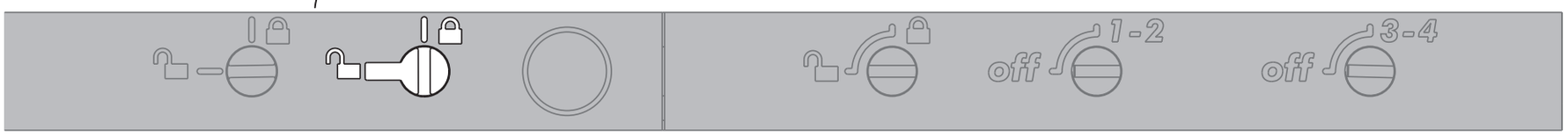
5.



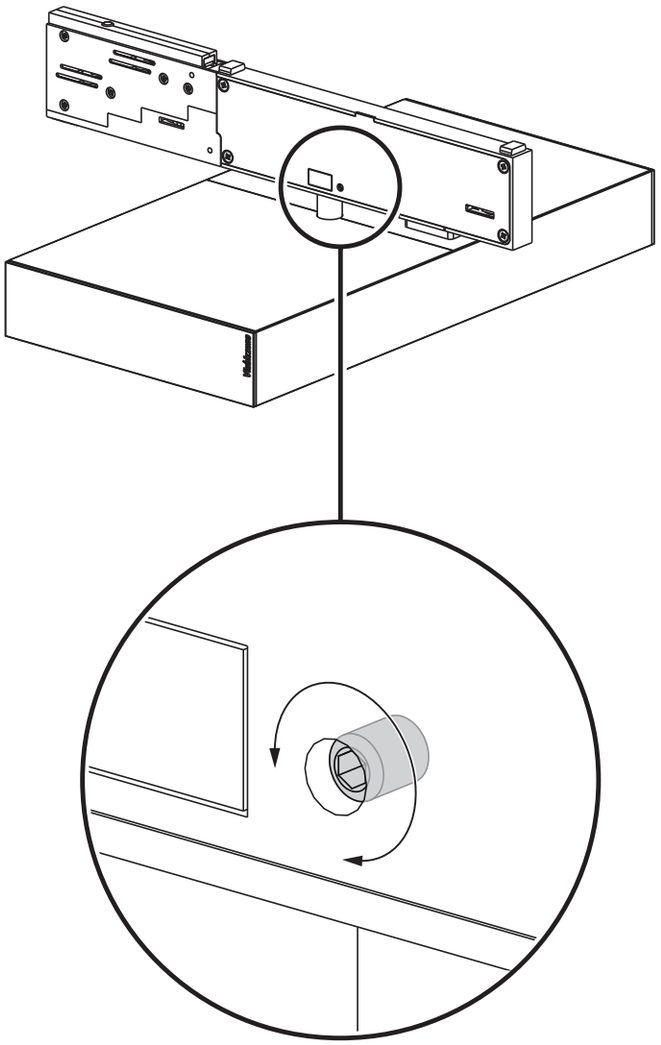
solo per. only for. nur fur.
uniquement pour. solo pàra.

mn adattatore traccia 30x370
mn adattatore traccia 30x730

2
lock



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IT **nota bene:**
i seguenti modelli di ***mn*** sono privi di levetta di blocco/sblocco per la rotazione del faretto:
mn adattatore A1 130x130
mn adattatore A1 130x250
mn adattatore A1 130x370

in alternativa i modelli sopra citati sono provvisti di un grano per regolare l'intensità della frizione (vedi immagine).

EN **please note:**
the following ***mn*** models have no lock/unlock lever for rotating the spotlight:
mn adattatore A1 130x130
mn adattatore A1 130x250
mn adattatore A1 130x370

alternatively, the above models have a set screw to adjust the intensity of the friction (see image).

DE **Hinweis:**
die folgenden ***mn***-modelle haben keinen hebel zum ver- und entriegeln des scheinwerfers:
mn adattatore A1 130x130
mn adattatore A1 130x250
mn adattatore A1 130x370

alternativ haben diese Modelle eine Stellschraube, um die Intensität der Reibung einzustellen (siehe Abbildung).

FR **note:**
les modèles ***mn*** suivants n'ont pas de levier de verrouillage/déverrouillage pour la rotation du projecteur:
mn adattatore A1 130x130
mn adattatore A1 130x250
mn adattatore A1 130x370

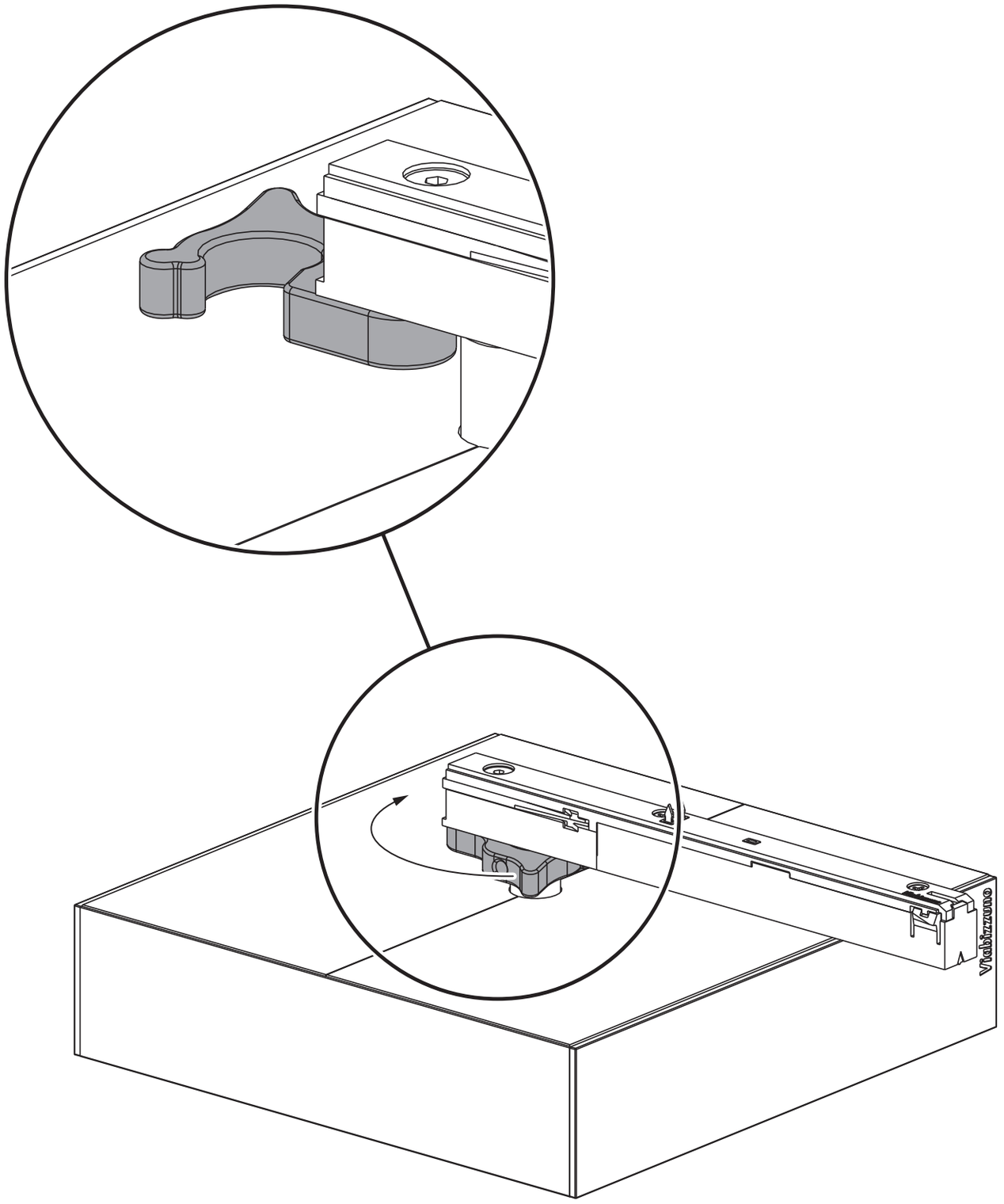
alternativement, ces modèles ont une vis de réglage pour ajuster l'intensité de la friction (voir image).

ES **nota:**
los siguientes modelos ***mn*** no tienen palanca de bloqueo/desbloqueo para girar el foco:
mn adattatore A1 130x130
mn adattatore A1 130x250
mn adattatore A1 130x370

como alternativa, estos modelos disponen de un tornillo de ajuste para regular la intensidad de la fricción (véase la imagen).

1. mn adattatore traccia sistema

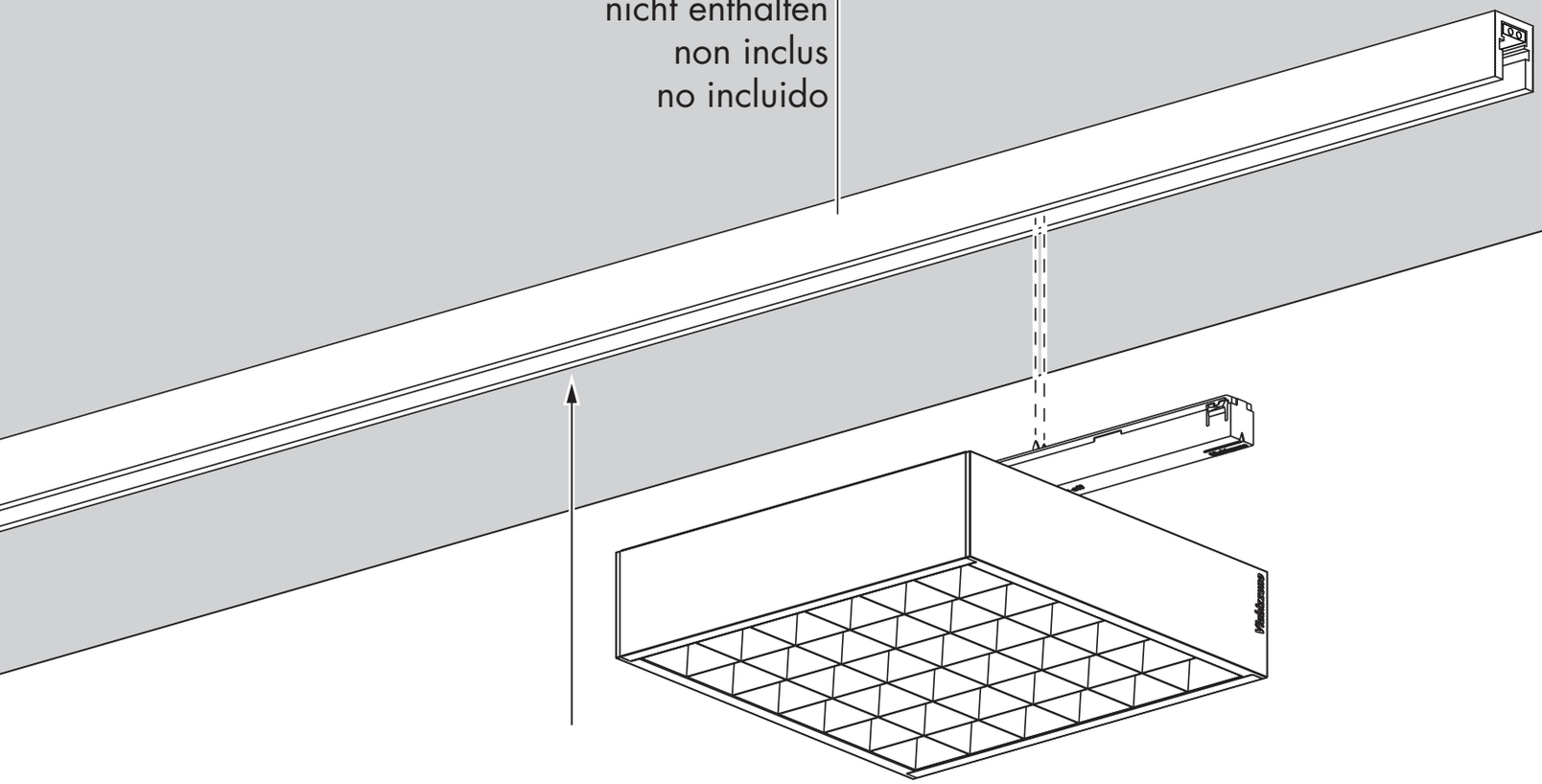
mn adattatore traccia sistema 01
mn adattatore traccia sistema 02



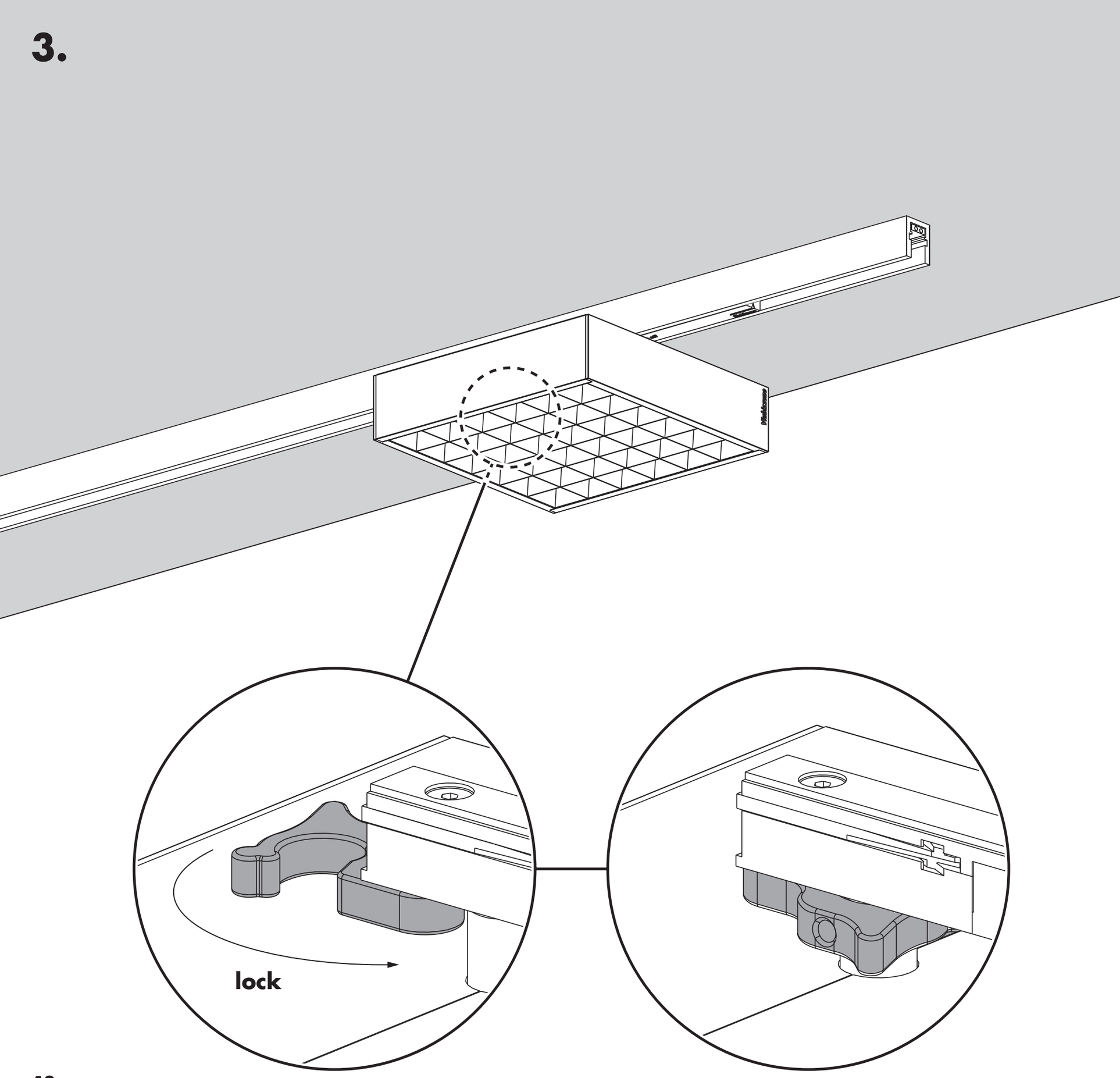
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microtraccia

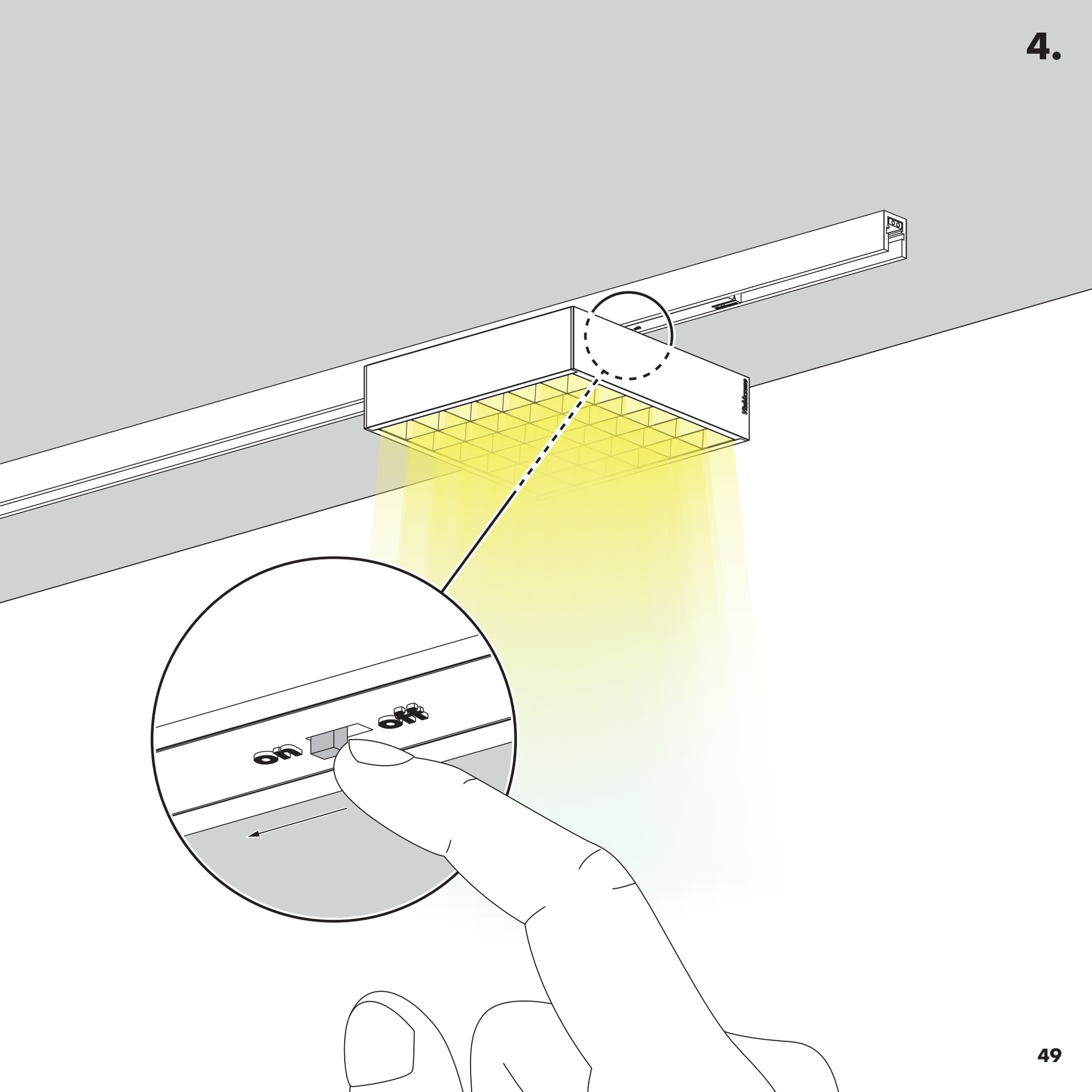
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3.

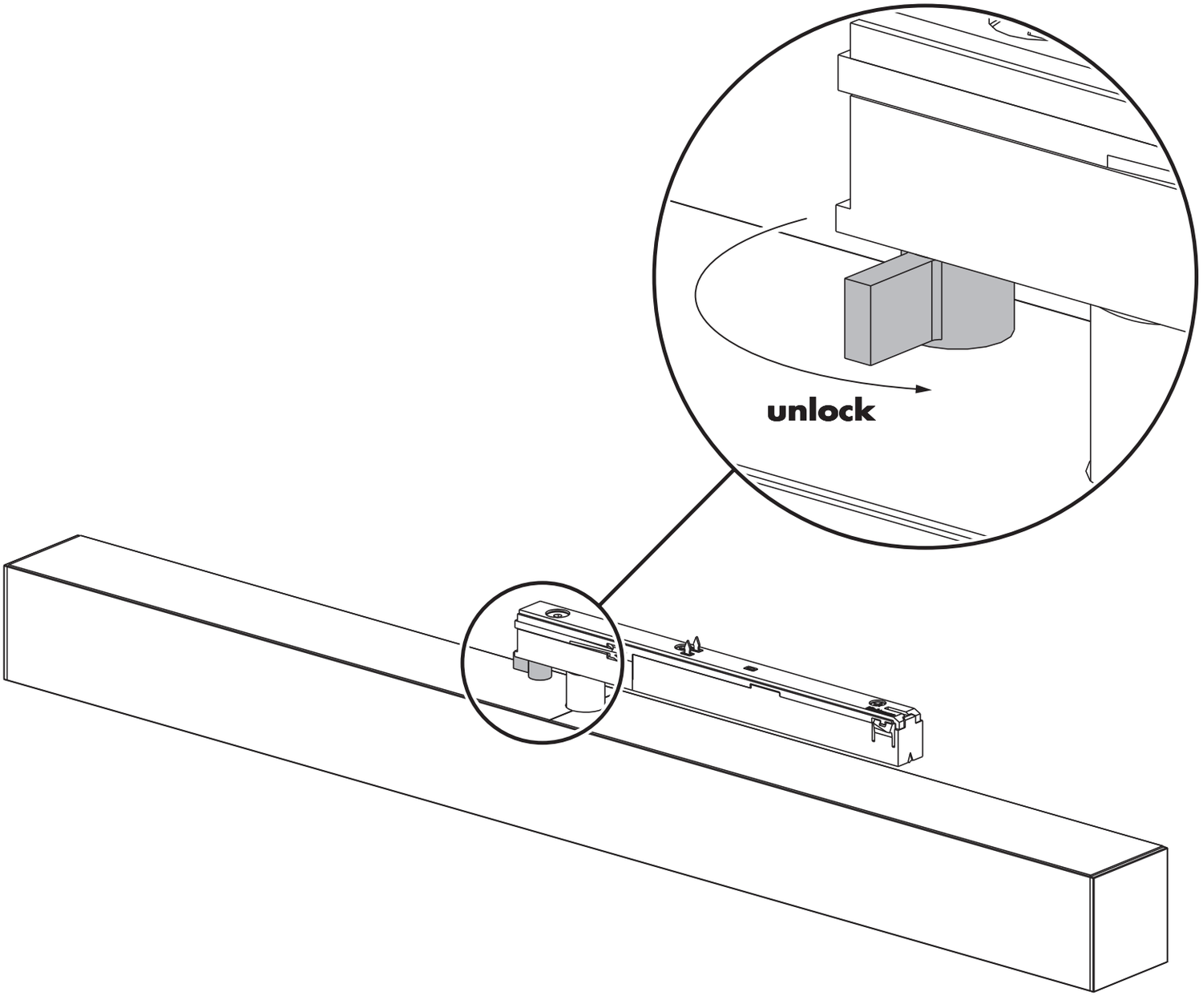


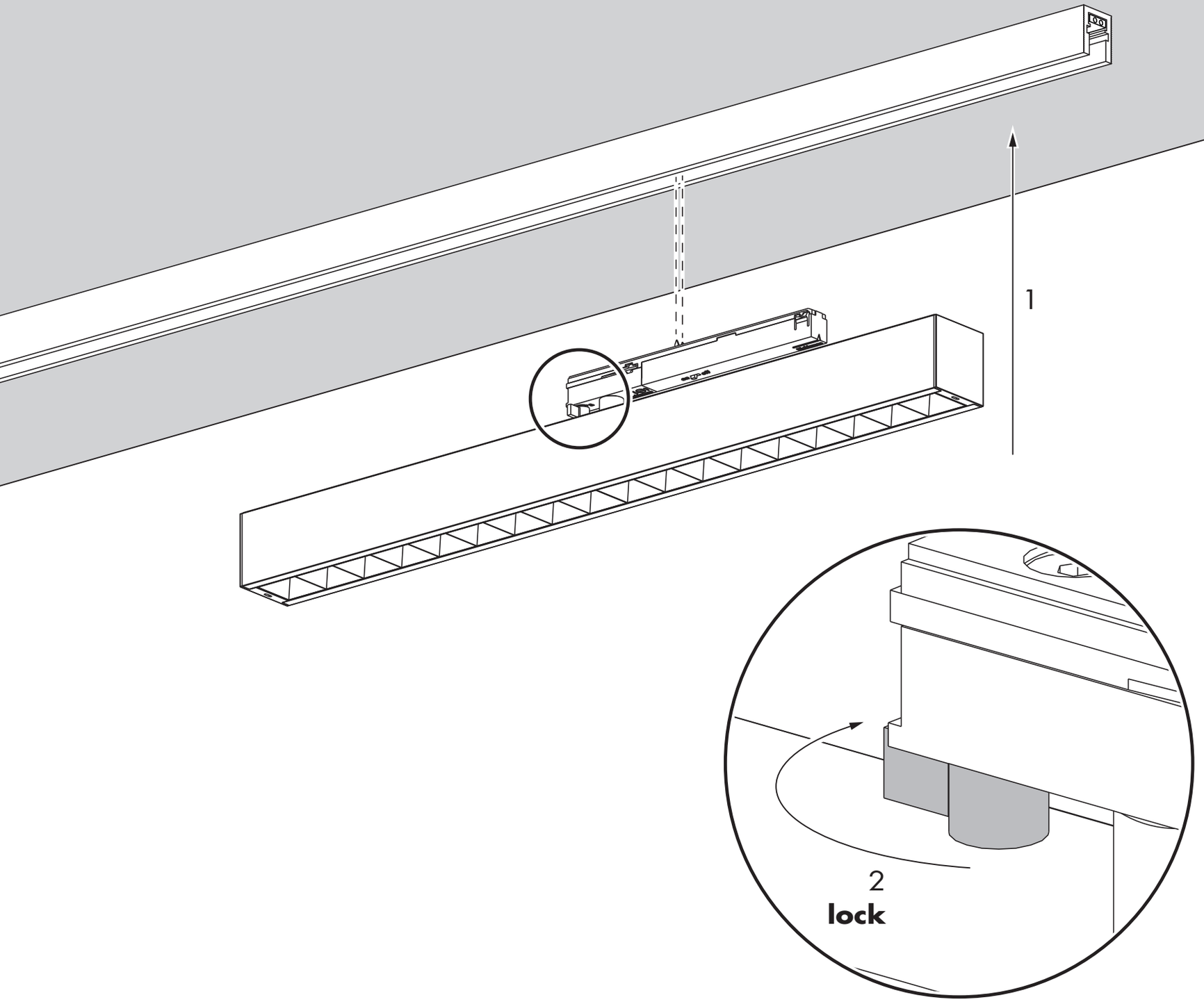
4.



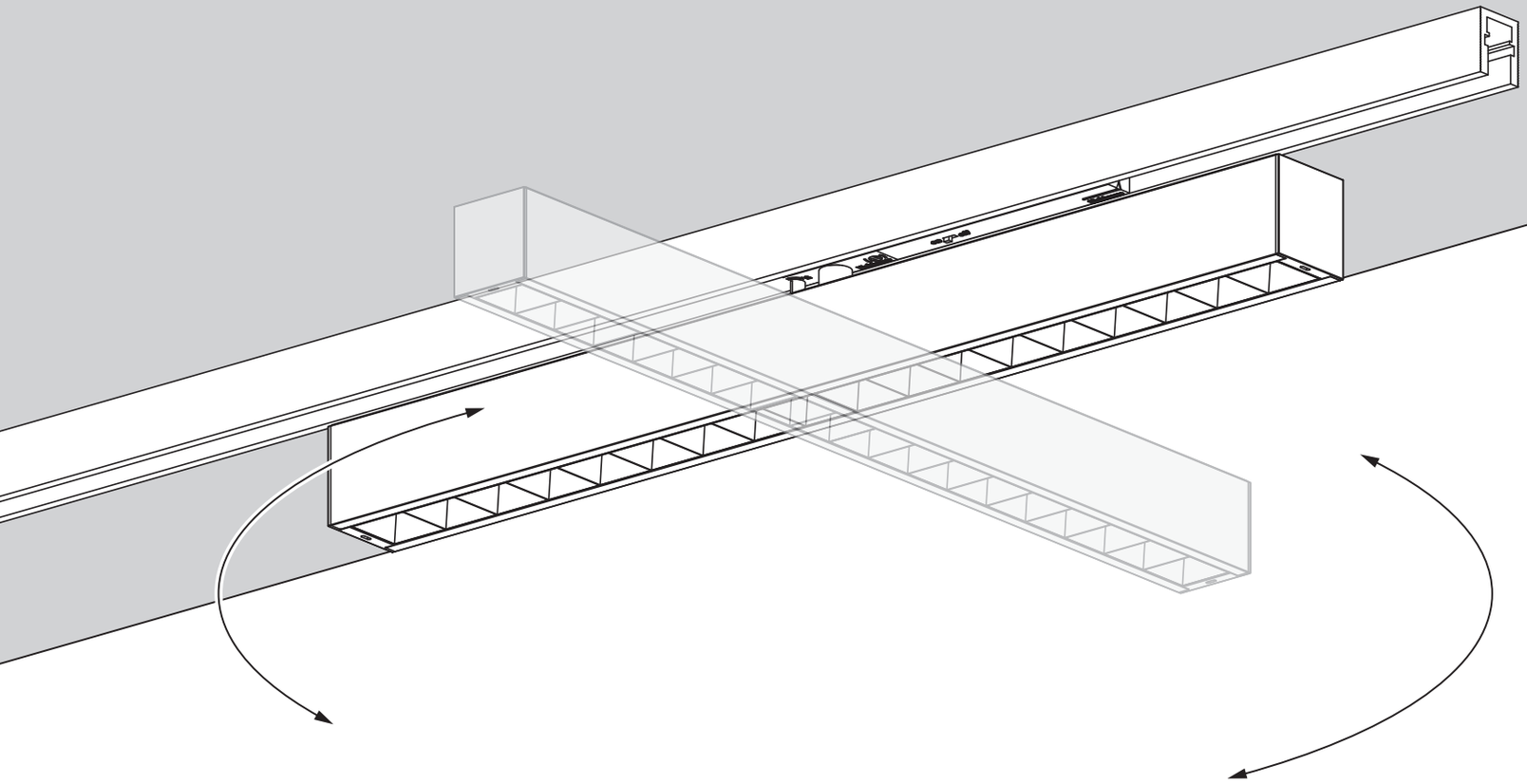
1. mn adattatore traccia sistema

mn adattatore traccia sistema 30x370
mn adattatore traccia sistema 30x730

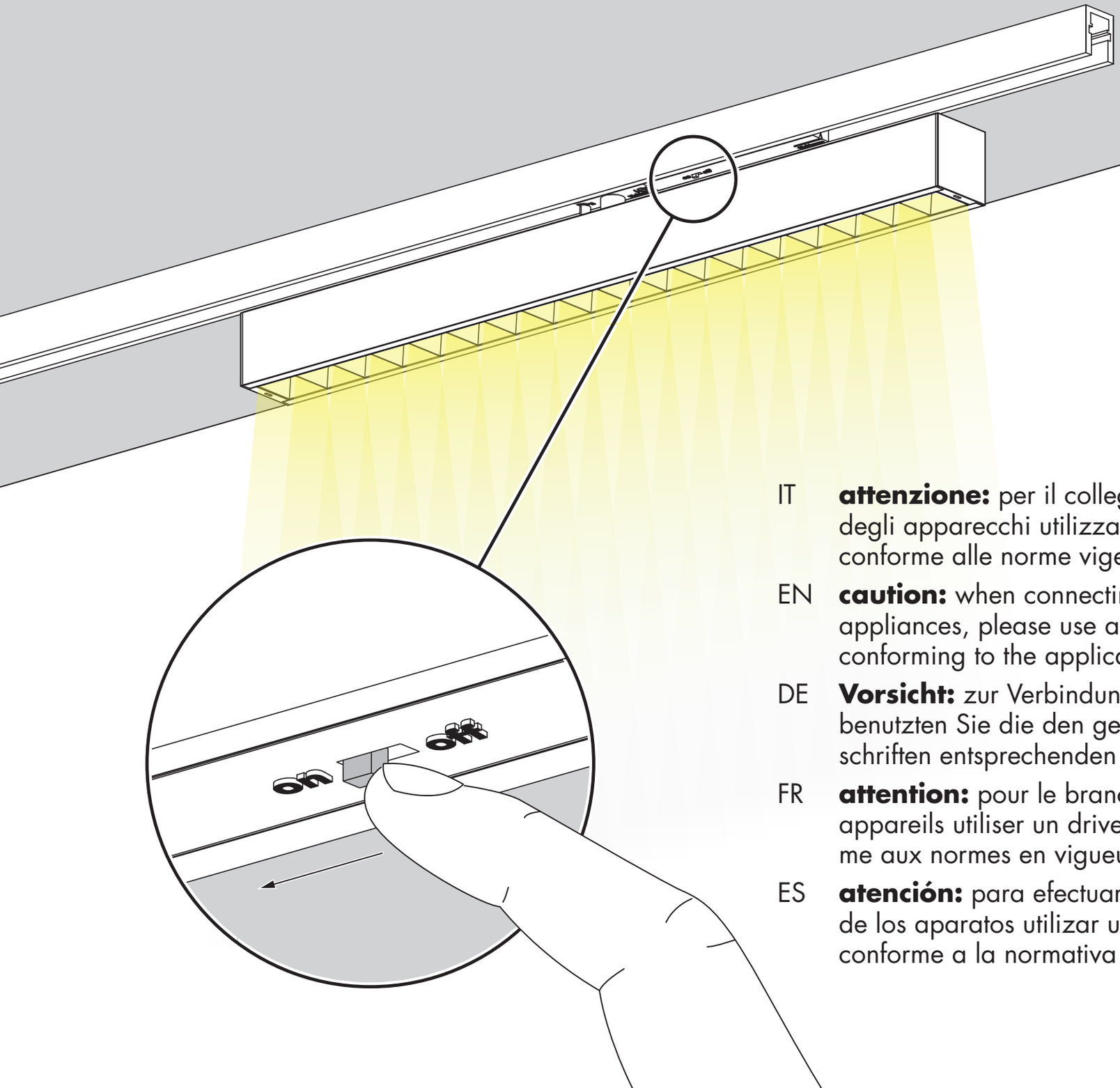



1
2
lock

3.



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IT **attenzione:** per il collegamento degli apparecchi utilizzare driver SELV conforme alle norme vigenti

EN **caution:** when connecting the appliances, please use a SELV driver conforming to the applicable standard.

DE **Vorsicht:** zur Verbindung der Geräte benutzten Sie die den geltenden Vorschriften entsprechenden Treiber SELV

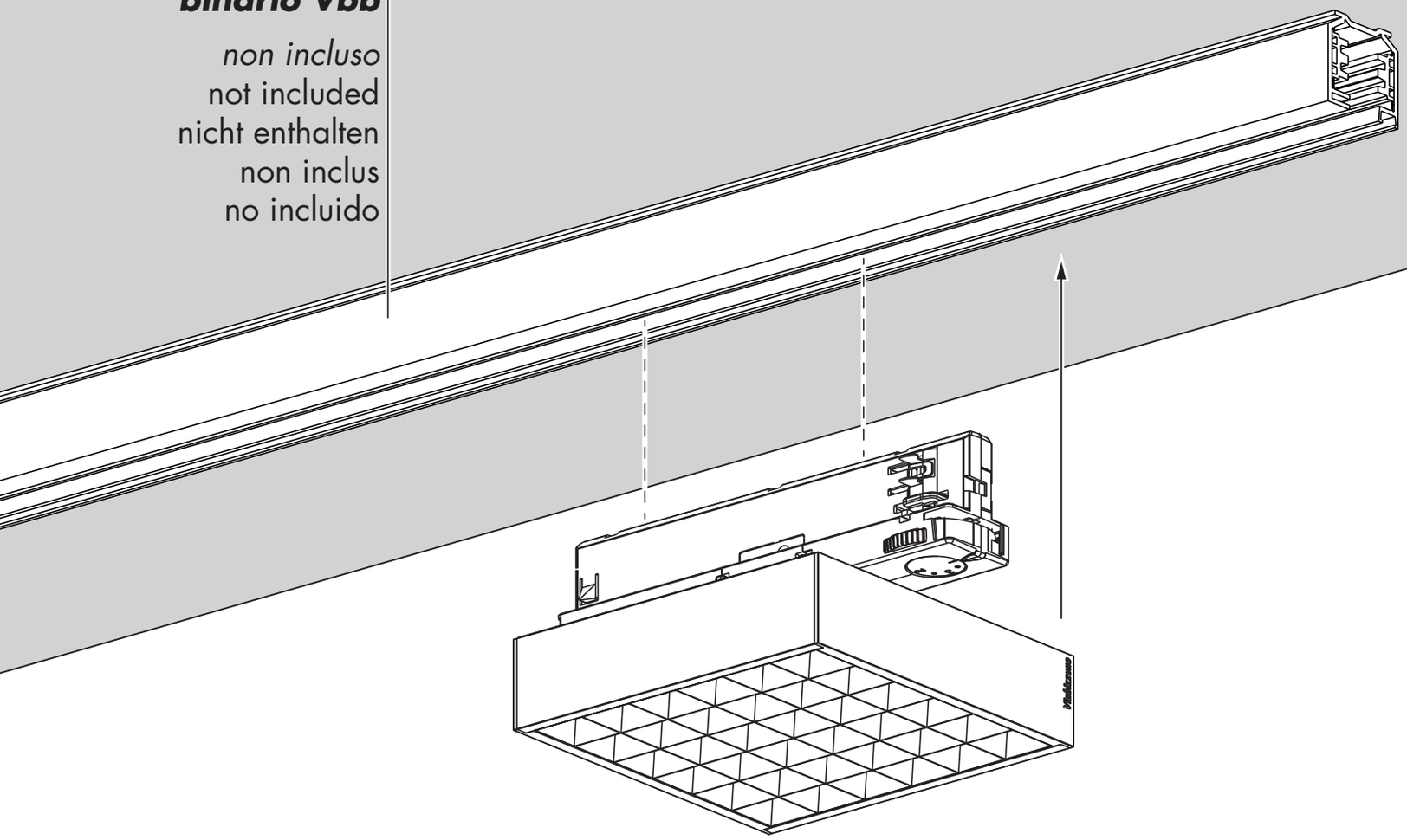
FR **attention:** pour le branchement des appareils utiliser un driver SELV conforme aux normes en vigueur

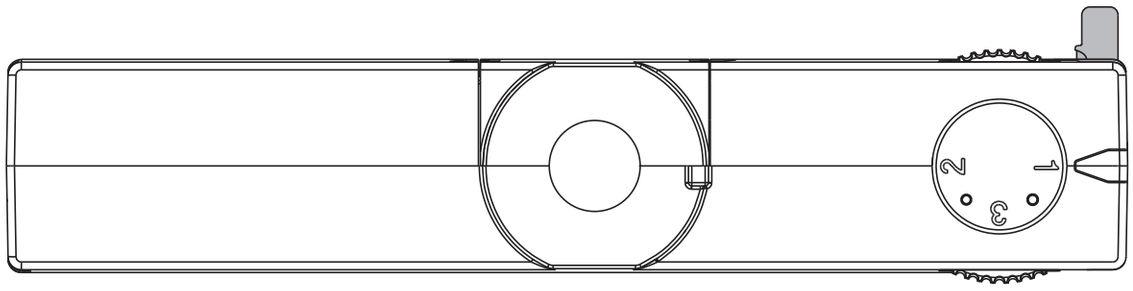
ES **atención:** para efectuar la conexión de los aparatos utilizar un driver SELV conforme a la normativa vigente

1. mn adattatore VbB

binario Vbb

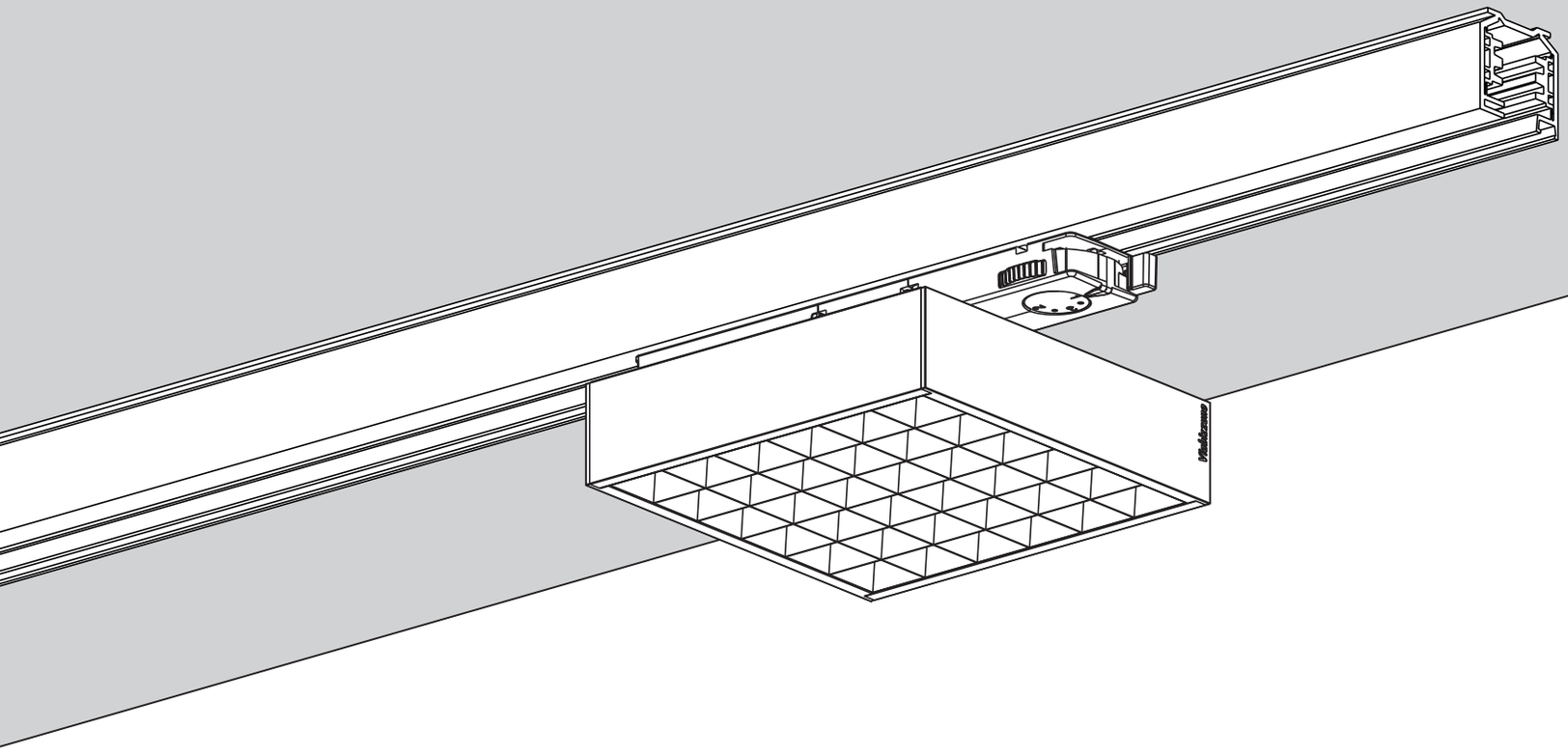
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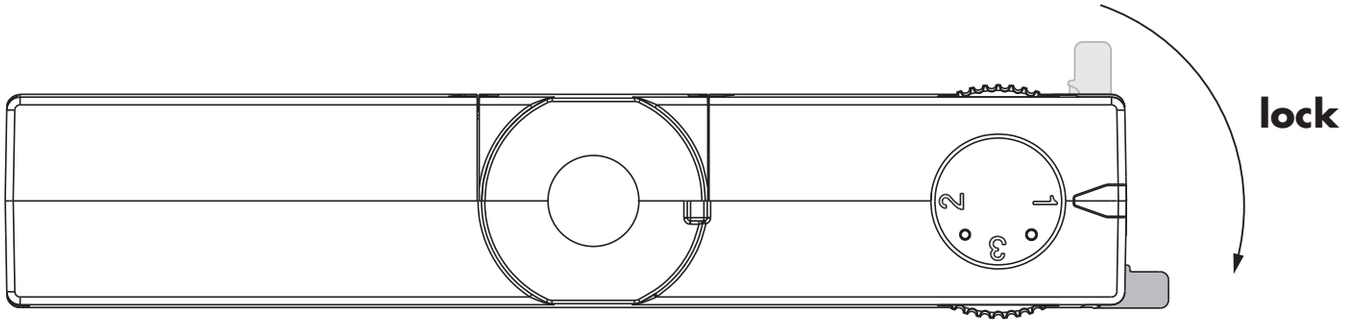




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2.





3.

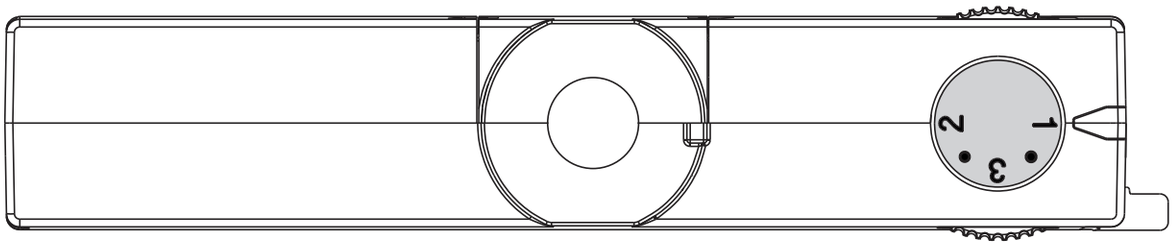


fig. 1

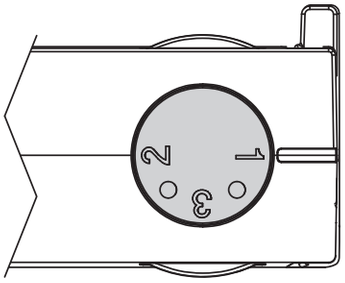


fig. 2

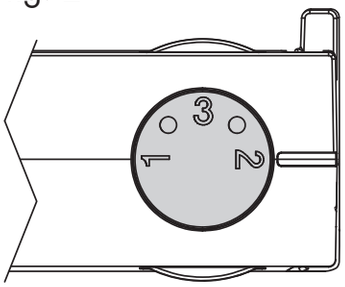
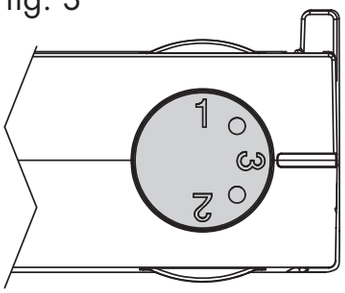


fig. 3



IT per selezionare la linea di alimentazione ruotare la ghiera nel seguente modo:
- linea 1: ghiera come in fig.1.
- linea 2: ghiera come in fig.2.
- linea 3: ghiera come in fig.3.

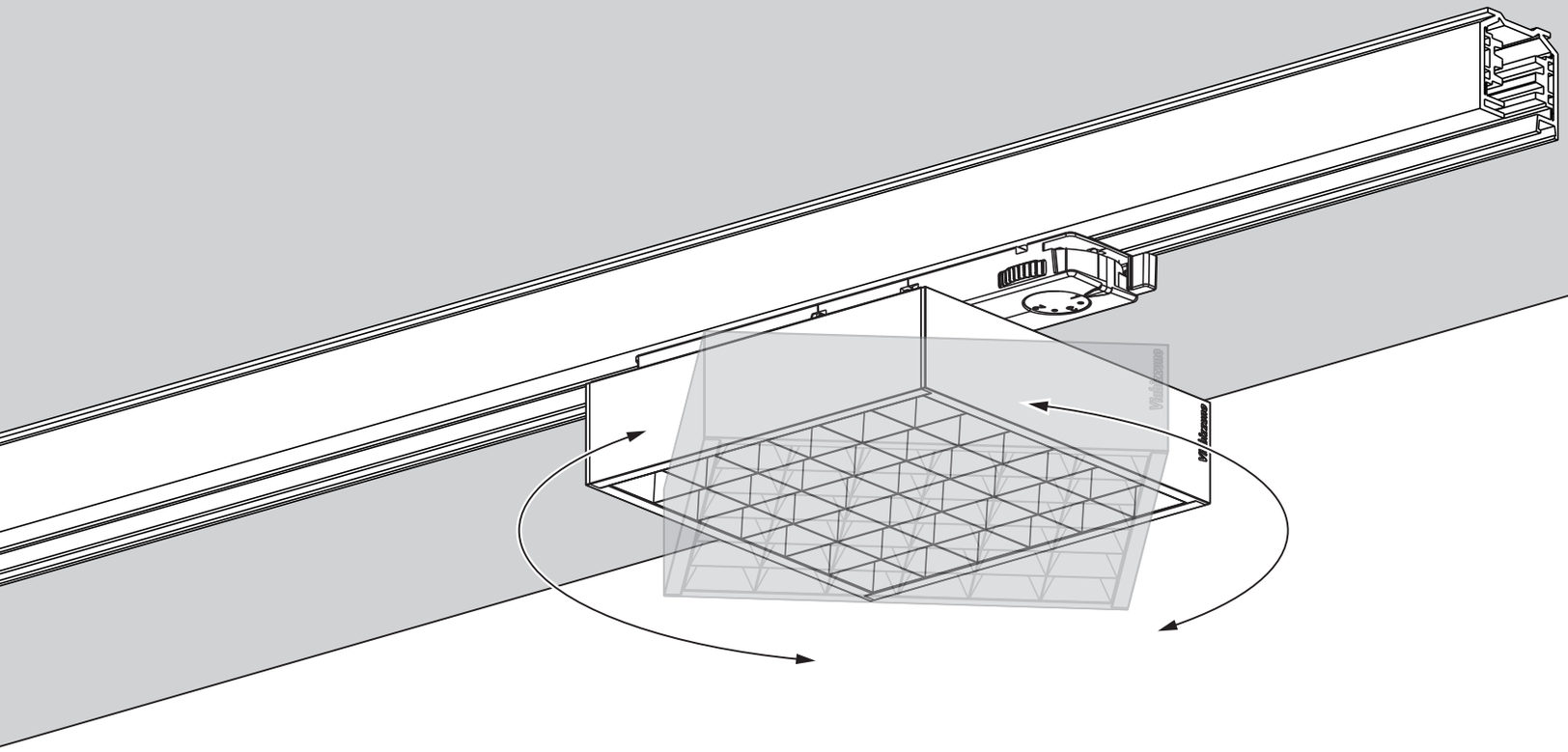
EN to select the power line, turn the ring nut as follows:
- line 1: ring nut as shown on fig.1.
- line 2: ring nut as shown on fig.2.
- line 3: tring nut as shown on fig.3.

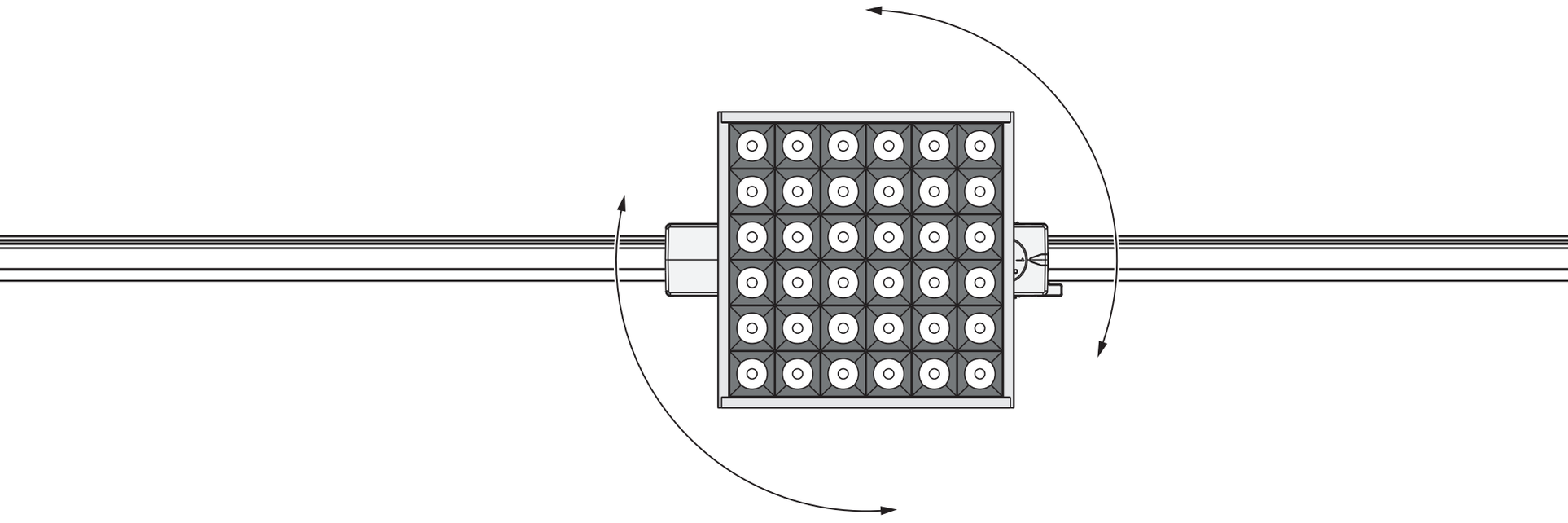
DE Zur Auswahl der Versorgungsleitung die Ringmutter drehen wie folgt:
- Leitung 1: Ringmutter drehen, wie in Abb. 1 gezeigt.
- Leitung 2: Ringmutter drehen, wie in Abb. 2 gezeigt.
- Leitung 3: Ringmutter drehen, wie in Abb. 3 gezeigt.

FR pour sélectionner la ligne d'alimentation, tourner l'embout de la manière suivante :
- ligne 1: l'embout comme indiqué sur la fig. 1.
- ligne 2: l'embout comme indiqué sur la fig. 2.
- ligne 3: l'embout comme indiqué sur la fig. 3.

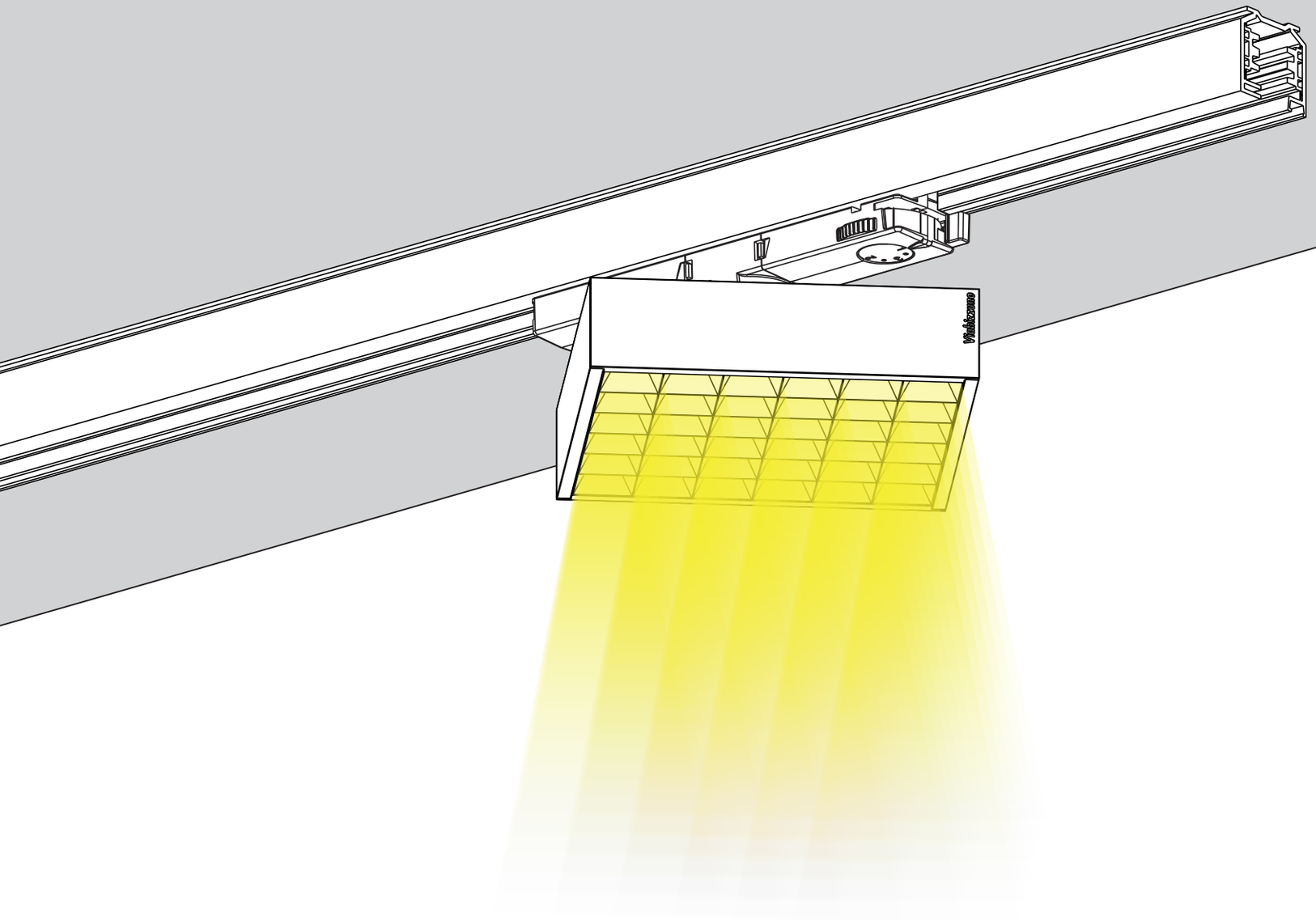
ES para seleccionar la línea de alimentación, girar la tuerca de la manera siguiente:
- línea 1: tuerca como indicado en la fig. 1.
- línea 2: tuerca como indicado en la fig. 2.
- línea 3: tuerca como indicado en la fig. 3.

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5.



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IT **pulizia del vetro:** per non rovinare il vetro si consiglia di utilizzare i panni in microfibra adatti alla pulizia delle lenti degli occhiali; non usare materiali abrasivi o solventi.

EN **glass cleaning:** not to spoil the glass, it is recommended to use cloths of microfibre suitable for cleaning spectacles; do not use any abrasive or solvent materials.

DE **Reinigung der Glas:** Um die Glas nicht zu beschädigen, ein für Brillen bestimmtes Mikrofasertuch verwenden, keine scheuernden oder Lösungsmittel benutzen.

FR **nettoyage de verre:** pour ne pas abîmer el verre, il est conseillé d'utiliser un chiffon en microfibre adapté au nettoyage des verres de contact; ne pas utiliser de matériaux abrasifs ou de solvants.

ES **limpieza de vidrio:** para no dañar el vidrio, se aconseja utilizar trapos de microfibra adecuados para la limpieza de las lentes de las gafas: no utilice materiales abrasivos o disolvente.

IT **pulizia della lampada:** per non rovinare il metallo utilizzare un panno morbido leggermente inumidito; non usare materiali abrasivi o solventi.

EN **cleaning the lamp:** to avoid damaging the metal, use a soft and slightly dampened cloth; do not use abrasive materials or solvents.

DE **Reinigung der Lampe:** Um die Metallteile nicht zu beschädigen, einen weichen, leicht angefeuchteten Lappen benutzen; keine scheuernden Materialien oder Lösungsmittel verwenden.

FR **nettoyage de la lampe:** pour ne pas abîmer le métal, utiliser un chiffon doux légèrement humide ; ne pas utiliser de produits abrasifs ou solvants.

ES **limpieza de la lámpara:** para no dañar el metal, utilizar un paño suave ligeramente húmedo; no utilizar materiales abrasivos o disolventes.

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IT **smaltimento dell'apparecchio:** a fine vita l'apparecchio di illuminazione è un rifiuto che rientra nella categoria RAEE (Rifiuto di Apparecchiatura Elettrica ed Elettronica), pertanto non deve essere smaltito come un rifiuto municipale misto ed è responsabilità dell'utente smaltirlo correttamente per evitare danni all'ambiente, alle persone e agli animali, ed evitare lo spreco di materiali riciclabili. è possibile consegnare il vecchio apparecchio al venditore nel momento in cui si acquista un nuovo apparecchio di illuminazione, oppure portare l'apparecchio nelle aree pubbliche di raccolta predisposte dalle amministrazioni comunali, o depositarlo negli appositi contenitori. per lo smaltimento delle batterie, occorre attenersi alle normative vigenti relative alla raccolta differenziata e al riciclaggio.

EN **equipment disposal:** at the end of its life cycle, the light fitting should be considered as a Weee (Waste of electrical and electronic equipment) category waste, therefore it should be disposed of not as mixed municipal waste, but properly in order to avoid damages to the environment, people and animals, and to avoid any waste of recyclable materials. this a responsibility of the user. when ordering a new light fitting, the customer may give back his/her old one to the seller, or bring it to the public collection sites arranged by the municipal authorities, or simply put it in special collection containers. for the battery disposal, the laws concerning the sorted waste collection and recycling have to be followed.

DE **entsorgung des geräts:** Am Ende der Lebensdauer ist das Beleuchtungsgerät als Elektro- und Elektronik-Altgerät (WEEE) zu betrachten und darf daher nicht als Hausmüll entsorgt werden. Die korrekte Entsorgung liegt in der Verantwortung des Benutzers, um Umwelt-, Tier- und Personenschäden sowie die Vergeudung recycelbarer Materialien zu vermeiden. Das ausgediente Gerät kann beim Kauf eines neuen Beleuchtungsgeräts beim Händler abgegeben oder zu einer öffentlichen Sammelstelle der Gemeindeverwaltung gebracht bzw. in den dafür vorgesehenen Behältern deponiert werden. Die Entsorgung von Batterien muss aufgrund der einschlägigen Vorschriften für die getrennte Abfallsammlung und das Recycling erfolgen

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FR **elimination de l’appareil:** au terme de sa durée de vie, l’appareil d’éclairage est un déchet qui rentre dans la catégorie DEEE (Déchets d’Équipements Électriques et Électroniques), il ne doit donc pas être éliminé comme un déchet municipal mixte et il incombe à l’utilisateur de l’éliminer correctement pour éviter tout dommage à l’environnement, aux personnes et aux animaux, et éviter le gaspillage de matériaux recyclables. il est possible de remettre le vieil appareil au vendeur lorsque l’on achète un nouvel appareil d’éclairage, ou de porter l’appareil dans les aires publiques de collecte prévues par les administrations communales, ou de le déposer dans les contenants prévus à cet effet. pour l’élimination des piles/batteries, veiller au respect des normes en vigueur relatives à la collecte sélective et au recyclage.

ES **eliminación del aparato:** al final de su vida, el aparato de iluminación es un residuo incluido en la categoría RAEE (Residuo de Aparatos Eléctricos y Electrónicos), por lo tanto no debe eliminarse como residuo urbano mixto y es responsabilidad del usuario su correcta eliminación para evitar daños al medio ambiente, a las personas y a los animales, y para evitar el derroche de materiales reciclables. el aparato usado puede entregarse al vendedor en el momento en que se compre uno nuevo, o bien puede llevarse a una de las zonas públicas de recogida dispuestas por las administraciones municipales, o depositarlo en los contenedores al efecto. para eliminar las pilas, deben respetarse las normativas vigentes en relación con la recogida selectiva de residuos y el reciclado.

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IT **indice marcature**
EN **marking index**
DE **Kennzeichnenverzeichniss**
FR **index de marquage**
ES **indice de marcado**



IT classe 3 (alimentazione effettuata con bassissima tensione di sicurezza; sono escluse tensioni superiori a 50 V- 50Hz. messa a terra non prevista.

EN class 3 (very low safety supply tension; not to be used over 50V-50Hz. earthing excluded).

DE Klasse 3 (Versorgung mit Niederspannung. Spannung Höher als 50v-50 Hz.sind völling ausgeschlossen. Schutzerdund nicht vorgeschriben).

FR class 3 (alimentation de sècuritè à basse tension. ne doit en aucun cas êntre utilisèe pour des tensions supèrieures à 50V-50Hz. mise à la terre: excluse).

ES clase 3 (alimentación realizada con voltaje bajísimo de seguridad; voltajes superiores a 50V-50Hz quedan excluidos. puesta a tierra no prevista).



IT classe 2 (all'isolamento principale è aggiunto un secondo isolamento oppure, ai due isolamenti è sostituito un isolamento rinforzato. messa a terra esclusa).

EN class 2 (basic insulation plus second insulation or both are replaced by reinforced insulation. earthing excluded).

DE Klasse 2 (Entweder zu der Grundisolierung kommt noch eine zweite Isolierung hinzu oder ist eine verstrebten Isolierung vorgesehen.

FR class 2 (soit à l'isolation, soit ces deux dernières sont remplacèes par une isolation renforcèe. mise à la terre: excluse).

ES clase 2 (al aislamiento fundamental se añade un segundo aislamiento, o bien los dos aislamientos se reemplazan por un aislamiento reforzado. puesta a tierra excluida).

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IT alimentatore incluso.
EN control gear included.
DE Vorshaltgerät mitgeliefert.
FR platine d'alimentation incluse.
ES alimentador incluido.

IT alimentatore non incluso.
EN control gear not included.
DE Vorshaltgerät nicht mitgeliefert.
FR sans platine d'alimentation.
ES alimentador excluido.

IT prodotto conforme alle direttive europee.
EN produced in compliance with EC directives.
DE Gebaut gemaeß EG-Vorschriften.
FR produit conforme aux directives de la comunautè européenne.
ES producto conforme con las directivas europeas.

IT prodotto conforme ai regolamenti del regno unito.
EN produced in compliance with UK directives.
DE Produkt entspricht den britischen Vorschriften.
FR produit conforme à la réglementation britannique.
ES el producto cumple con las regulaciones del Reino Unido.

IP40

IT apparecchio a prova di penetrazione di oggetti solidi con diametro ≥ 1 mm
EN protect against solid objects than ≥ 1mm
DE Gerät geschützt gegen feste Fremdkörper mit Durchmesser ≥ 1mm
FR appareil résistant à la pénétration d'objets solides ayant un diamètre ≥ à 1 mm
ES aparato a prueba de penetración de objetos sólidos con diámetro ≥ a 1 mm.



IT questo prodotto non deve essere smaltito come rifiuto municipale misto, effettuare una raccolta separata
EN this product must not be disposed of as mixed municipal waste but treated as waste to be sorted.
DE Dieses Produkt darf nicht als Hausmüll entsorgt werden, sondern muss der getrennten Abfallsammlung zugeführt werden
FR ce produit ne doit pas être éliminé comme déchet municipal mixte mais à travers la collecte sélective
ES este producto no debe eliminarse como residuo urbano mixto, sino mediante recogida selectiva

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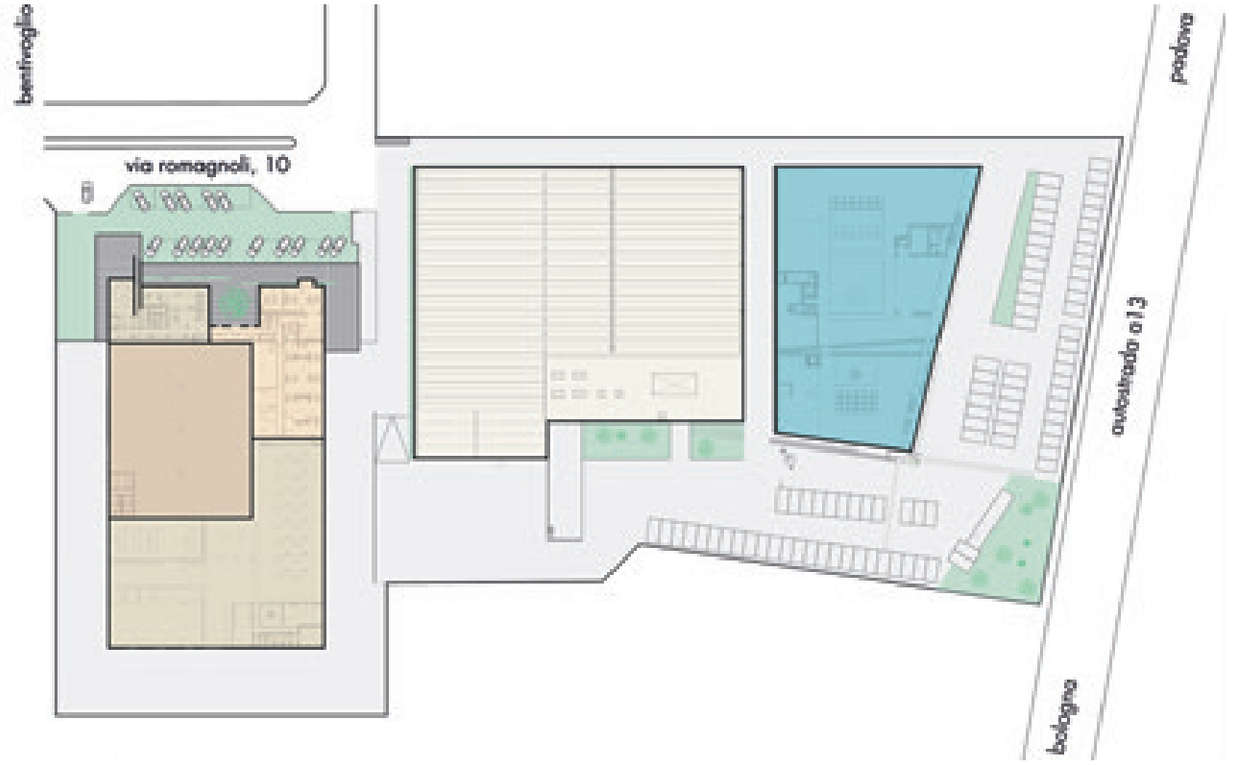


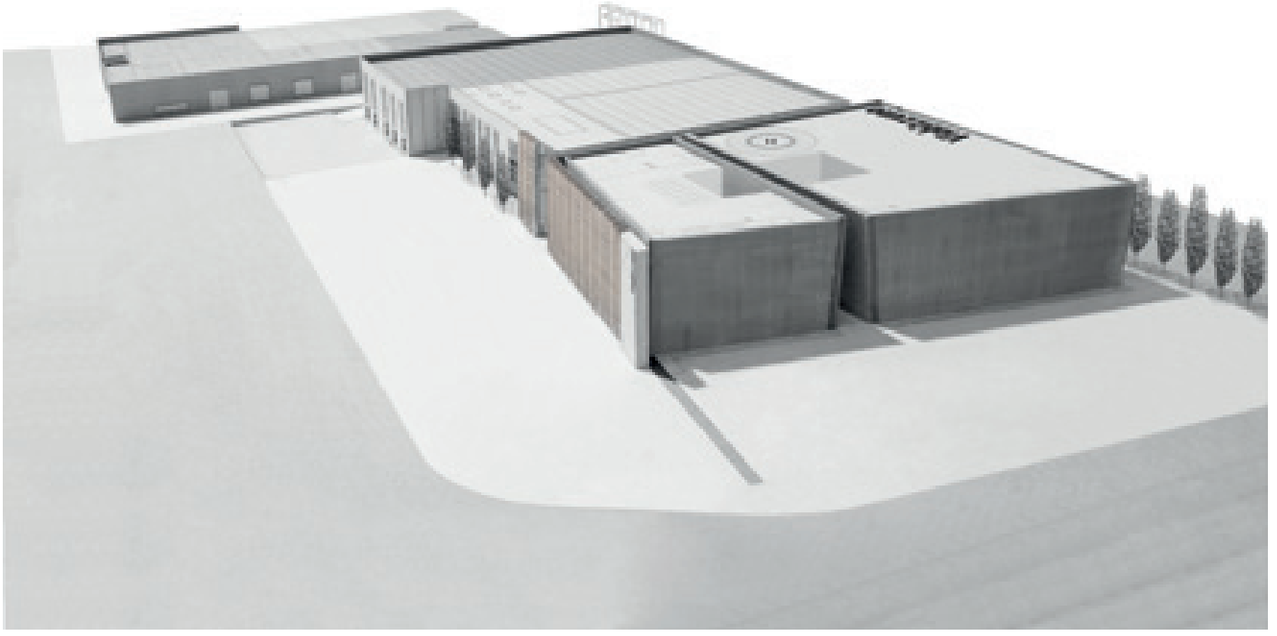


Viabizzuno strada principale della frazione di bizzuno in provincia di ravenna dove tra la casa del popolo e la parrocchia, al n°17, sono nato il ventuno luglio millenovecentocinquantacinque. da qui nasce il nome dell'azienda fondata nel millenovecentonovantaquattro rappresentata da uno spazio bianco attraversato da due linee, una verticale, rigorosa, pulita, equilibrata, ed una inclinata, irriverente nello spazio, ironica, fuori dagli schemi. distinte ma complementari proprio come le due anime rappresentate dalle due collezioni Viabizzuno. e nel punto in cui si intersecano le due linee, l'UpO, Ufficio progettazione Ombre. superficie complessiva 19.070 m^2.
volume complessivo 108.000 m^3.

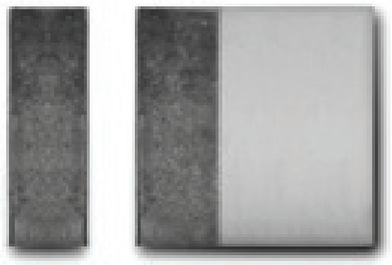
Viabizzuno is the name of the main road of the small village bizzuno located in the province of ravenna, where I was born on the 21 07 1955 at n°17, between the 'casa del popolo' and the local parish church. from here the name of the company founded in nineteen ninety-four represented by a white space intersected by two lines one vertical, well balanced, logical, clean, the other dynamic, irreverent, ironic. separate and yet complementary, just like the two different philosophies behind Viabizzuno two collections. in the intersection between the two lines, UpO, Ufficio progettazione Ombre.
total area 19.070 m^2.
total volume 108.000 m^3
mn

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libro di riflessioni, studi, sperimentazioni e progettazione attorno alla luce.
tre edizioni stampate e esaurite.
book of thoughts, studies, workshops and designs of light.
three printed editions, sold out.

manuale della luce 03.
il manuale tecnico di milleottocentoquarantotto pagine che contiene il nostro sapere e il nostro fare luce per offrire a tutti i progettisti la luce giusta e unica per tutti i loro progetti.
the onethousandeighthundredfortyeight pages technical manual which contains our experience and our know how about light in order to offer to all the designers the proper and unique light for all their projects.

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Viabizzunoreport
il giornale semestrale che racconta il nostro modo di fare luce. per conoscere, studiare ed esplorare progetti e architetture, personaggi ed eventi e lavorare insieme con l'arte della luce.
the half-yearly magazine that describes our way of making light. to appreciate, study and explore project and architectures, people and events and to work together with the art of light.

Viabizzuno unoventicinque
un'opera omnia. la raccolta completa dei nostri giornali che dal millenovecentonovantacinque racconta i primi ventun anni del nostro modo di fare luce, i nostri sogni e i nostri progetti. la nostra storia.
opera omnia. the complete collection of our magazines that from ninteenninetyfive tells the first twenty-one years of our way of making light, our dreams and our projects. our history.





colori e finiture
la cartella che contiene la preziosità dei materiali Viabizzuno.
the folder that contains Viabizzuno preciousness of materials.

dizionario maximum
strumento che raccoglie in ordine alfabetico tutti i nostri apparecchi di illuminazione e tutte le parole significative della filosofia, del linguaggio, del sapere Viabizzuno.
work tool that gathers in alphabetic order all our light fixtures and all the meaningful words of Viabizzuno philosophy, language and knowledge.

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breviario

la storia Viabizzuno attraverso la sua luce. un sunto da studiare, usare, tenere in tasca. una preghiera quotidiana per saper scegliere la luce giusta. progettare voce del verbo amare.

Viabizzuno history through its light. a summary to study, use, keep in your pocket. a daily prayer to know how select the correct light. to design is form of the verb to love.

vademecum

un piccolo volume, un compendio che racchiude l'identità, lo stile gli strumenti del nostro modo di fare luce.

a little volume, a compendium that contains the identity, the style, the working tools of our way to enlighten.

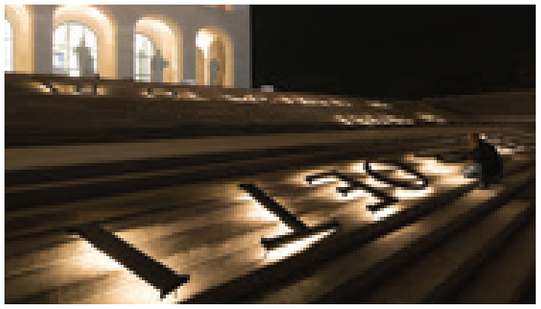




Viacommerce®
il nostro portale dove acquistare gli apparecchi di illuminazione Viabizzuno e riceverli direttamente a casa.
our portal where to buy Viabizzuno light fittings and receive them directly at home.

www.viabizzuno.com
il sito Viabizzuno. una pagina bianca ricca di finestre da esplorare, la pagina virtuale attraverso la quale Viabizzuno si affaccia sul mondo e racconta la sua storia, la sua luce, i suoi eventi e i suoi progetti.
Viabizzuno website. a white page full of windows to explore, the virtual page through which Viabizzuno appears on the world and tells its own history, light, events and projects.

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Viabizzunofilm
la casa cinematografica della luce.
una raccolta di cortometraggi che narrano la poetica artigiana e tecnologica che sta alla base della costruzione di un corpo illuminante, la sua storia, le sue applicazioni e il suo immaginifico mondo luminoso.
the light film company. a collection of short films that tell the handcrafted and technologic poetics that is base to the design of light fixtures, the history, the applications and the fabulous lighting world.

libreria 3d
tutti i nostri corpi illuminanti in formato tridimensionale per poter illuminare i vostri disegni 3d.
all our lighting fixtures in 3d format in order to enlighten your 3d models.

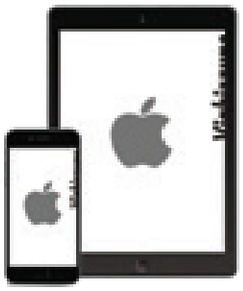


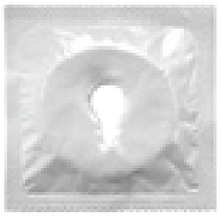
Viabizzuno perte
la carta dei progettisti che dà l'opportunità a tutti i possessori di partecipare al nostro percorso progettuale, di seguirci da vicino e far parte della nostra cerchia di amici che noi riusciamo a riconoscere in tutto il mondo.
the designers card that enables all its possessors to partecipate to our design path, to follow us closely and be part of our circle of friends that we are able to recognise worldwide.

biblioteca della luce
il nostro modo di esporre la luce, di raccontarla e di farla scoprire. perché la luce va letta, interpretata, ascoltata e assaporata come un buon libro.
it is our way to display light, to tell and unveil it. because light must be red, interpreted, heard and tasted like a good book.

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Viabizzuno applight
l'applicazione pratica e veloce per concepire la tua luce. una carrellata completa sui corpi illuminanti Viabizzuno da poter sfogliare agevolmente on line anche dal telefono. scaricala subito da app store e play store.
a handy and quick application to conceive your light. a complete overview of Viabizzuno light fixtures easy to browse online also from mobiles. you can download it now from app store or play store.

il fecondatore®
per fecondare il mondo digrandebellezza® e concepire la tua luce.
to fertilize the world digrandebellezza® and conceive your light.





la giacca del lampadimario
blu come il cielo di notte dei nostri sogni,
blu metalmeccanico del nostro fare,
con i bottoni nascosti per non graffiare nulla
su cui ci appoggiamo,
fatta per vivere addosso a voi.
blue like the night sky in our dreams
our own metalwork blue
with hidden buttons to not scratch anything
on which we lie made to live on top of you.

Viabizzunomaglia
progetto ag fronzoni 1999, la scritta si divide
tra la manica sinistra e il fianco.
realizzata in cotone 100% nel colore blu mn.
designed by ag fronzoni 1999, the text is
divided between the left sleeve and the side.
made from 100% blue mn cotton.

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la sacca del progettista
in tessuto gabardine cotone 100% blu mn,
dotata di tasca laterale per le matite.
made of 100% blue mn cotton gabardine
features a lateral pencil pocket.

unmetro
un decimetro in legno di carpino, che il progettista tiene sempre in tasca per dare la giusta misura al suo progetto.
a ten centimetres hornbeam wooden rule,
the designer always keeps in his pocket to make sure his project measures up.

Viachiave
lo strumento digitale da portare con sé per condividere i propri progetti nello stileViabizzuno.
a digital tool to carry with you so you can share your designs in the stileViabizzuno.

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production factory

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