

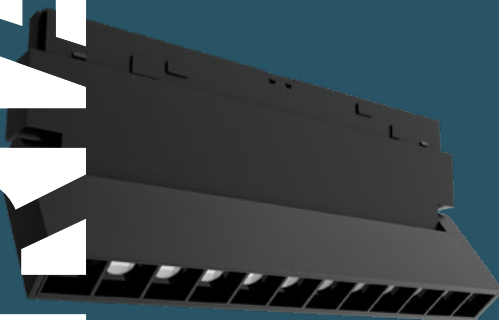
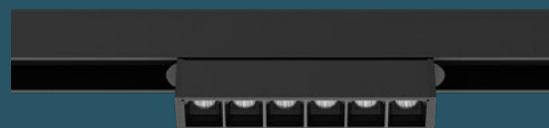
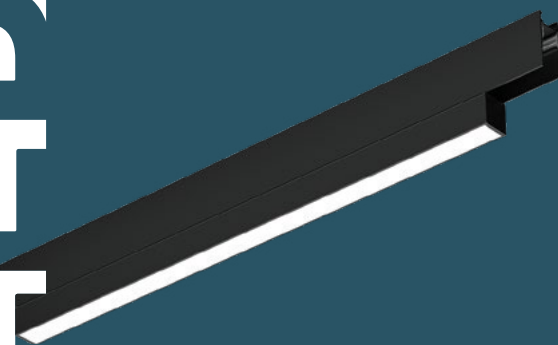


TKM

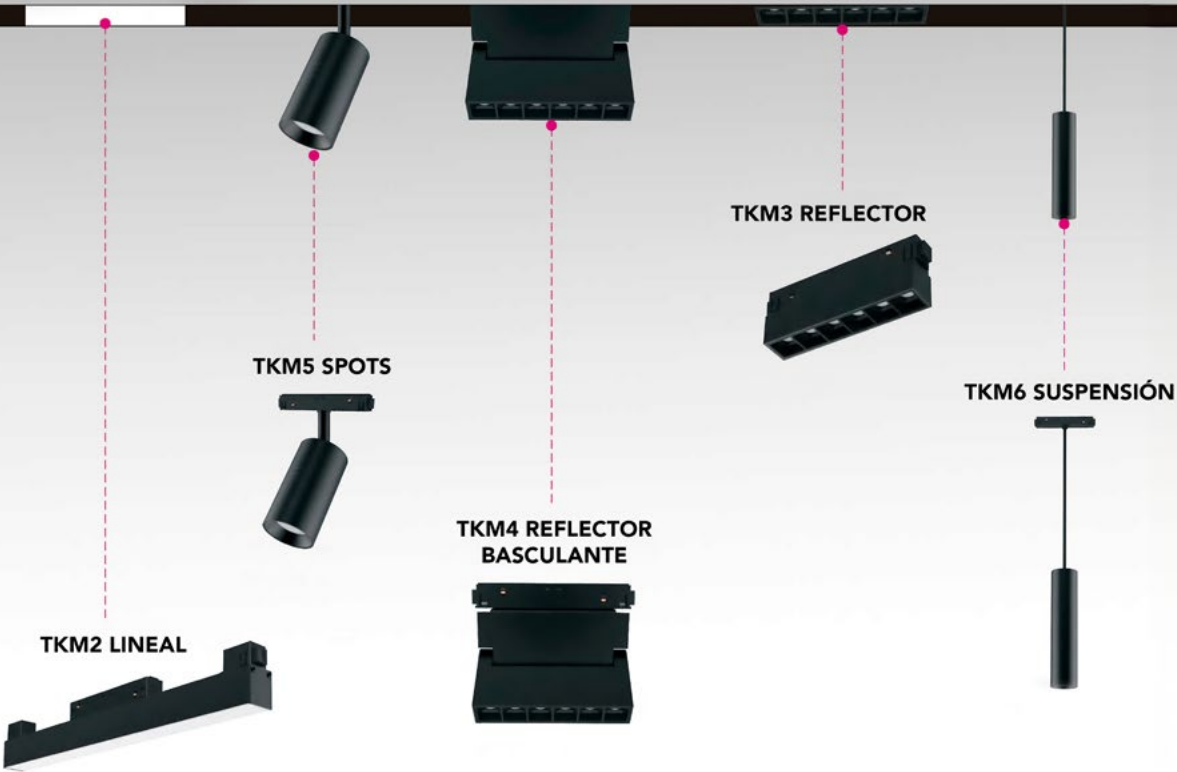
CARRILES LED
LED TRACK LIGHTS

www.roblan.com

LUMINA PLUS LED



by **ROBLAN®**



TKM



El sistema de iluminación magnético TKM es un tipo de configuración de iluminación utilizado en diversos entornos, como hogares, galerías, museos, restaurantes y entornos comerciales. Es una solución de iluminación flexible y personalizable que consta de varios componentes y opciones de luminarias que se pueden combinar para personalizar. Las luminarias se conectan magnéticamente a los rieles, lo que facilita su instalación manual sin necesidad de herramientas y con tan solo un click. La baja tensión del sistema permite posicionar y mover los módulos de luz mientras la alimentación está encendida. Cuando los módulos de luz se conectan magnéticamente al riel, se alimentan automáticamente y funcionan de inmediato.

TKM magnetic lighting system is a type of lighting setup used in various environments such as homes, galleries, museums, restaurants and commercial environments. It is a flexible and customizable lighting solution consisting of various components and luminaire options that can be combined for customization. The luminaires connect magnetically to the rails, making it easy to install manually without the need for tools and with just one click. The low system voltage allows the light modules to be positioned and moved while the power is on. When the light modules are magnetically attached to the track, they are automatically powered and work immediately.

TKMTR S, R1 & R2	Carril magnético TKM TKM magnetic track
TKM2 LINEAL	Luminaria lineal carril magnético LED LED magnetic track linear luminaire
TKM3 REFLECTOR	Reflector lineal carril magnético LED LED magnetic track linear reflector
TKM4 REFLECTOR BASCULANTE	Reflector basculante carril magnético LED LED magnetic track folding reflector
TKM5 SPOTS	Foco carril magnético LED LED magnetic track spotlight
TKM6 SUSPENSIÓN	Foco colgante carril magnético LED LED magnetic track pendant spotlight



Carriles LED | LED Track Lights
TKM



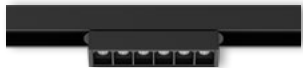
TKM2 LINEAL



TKM4 REFLECTOR BASCULANTE



TKM6 SUSPENSIÓN



TKM3 REFLECTOR



TKM5 SPOTS



TKMTR

Beneficios | Benefits

- Adecuados tanto para espacios residenciales como galerías, museos, restaurantes y entornos comerciales | Suitable for residential spaces, galleries, museums, restaurants and commercial environments.
- Carcasa de metal para una buena disipación de calor. | Metal housing for good heat dissipation.
- L70 a 55000 horas. | L70 to 55000 hours.
- Diferentes tipos de rieles, accesorios y luminarias para combinar, cambiar y diseñar | Different types of rails, accessories and luminaires to combine, change and design.
- Luminarias que se enganchan al riel por acople magnético junto con un gancho mecánico para brindar doble seguridad. | Luminaires that hook to the rail by magnetic coupling along with a mechanical hook to provide double security.
- Diseño innovador permite un montaje sin herramientas. | Innovative design allows tool-free assembly.

Lista de Modelos | Model List

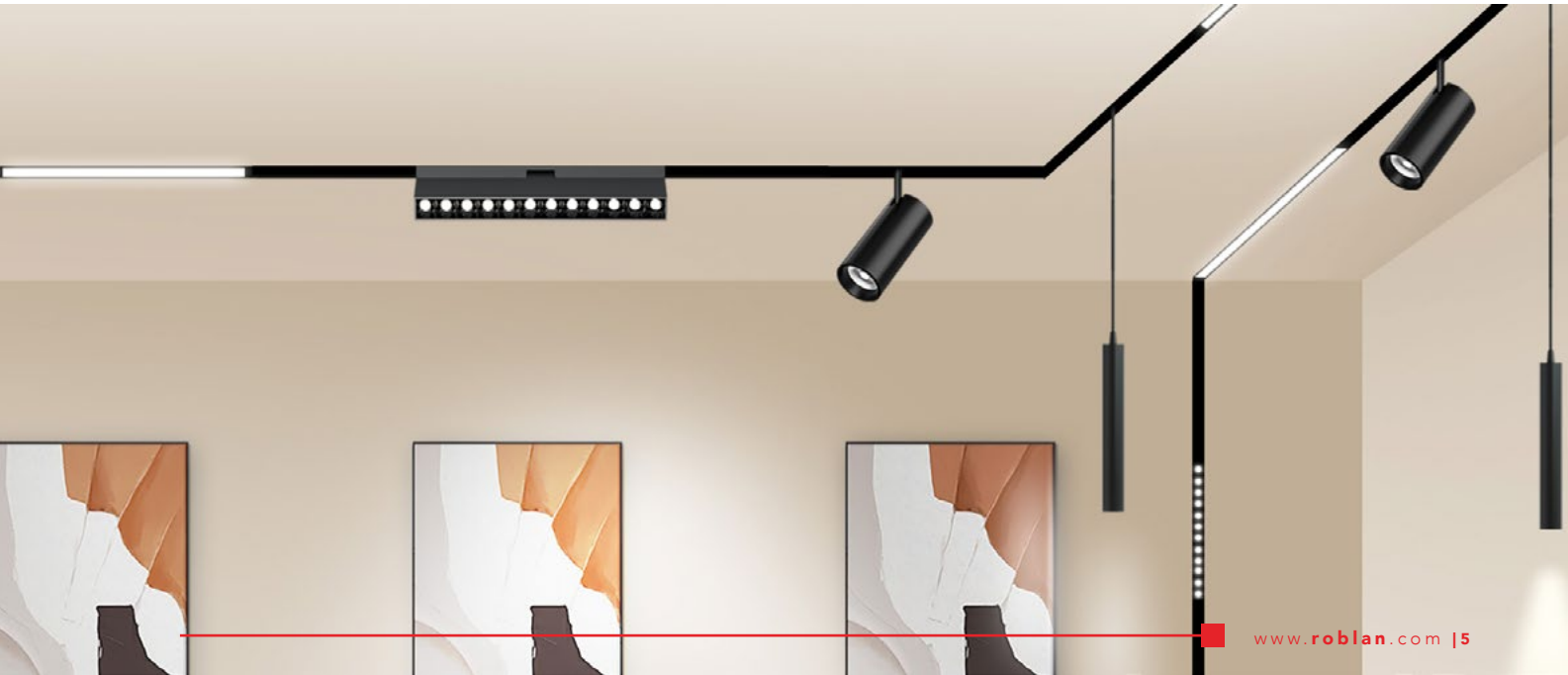
Modelo Model	REF	EAN	mm	Descripción Description	pcs
TKMTR S	TKMTR1NS	041602	h:52,2 l:100 w:26,4	Carril magnético TKM longitud 1m, montaje en superficie y suspensión, Negro Magnetic Track TKM length 1m, surface an suspended mounting, Black	12
TKMTR S	TKMTR2NS	041619	h:52,5 l:200 w:26,4	Carril magnético TKM longitud 2m, montaje en superficie y suspensión, Negro Magnetic Track TKM length 2m, surface an suspended mounting, Black	12
TKMTR S	TKMTR3NS	041626	h:52,5 l:300 w:26,4	Carril magnético TKM longitud 3m, montaje en superficie y suspensión, Negro Magnetic Track TKM length 3m, surface an suspended mounting, Black	6
TKMTR R1	TKMTR1NR1	041633	h:52,2 l:100 w:70	Carril magnético TKM longitud 1m, montaje empotrado con relieve, Negro Magnetic Track TKM length 1m, recessed relief mounting, Black	9
TKMTR R1	TKMTR2NR1	041640	h:52,2 l:200 w:70	Carril magnético TKM longitud 2m, montaje empotrado con relieve, Negro Magnetic Track TKM length 2m, recessed relief mounting, Black	9
TKMTR R1	TKMTR3NR1	041657	h:52,2 l:300 w:70	Carril magnético TKM longitud 3m, montaje empotrado con relieve, Negro Magnetic Track TKM length 3m, recessed relief mounting, Black	6
TKMTR R2	TKMTR1NR2	041664	h:54 l:100 w:50	Carril magnético TKM longitud 1m, montaje empotrado a nivel, Negro Magnetic Track TKM length 1m, recessed level mounting, Black	9
TKMTR R2	TKMTR2NR2	041671	h:54 l:200 w:50	Carril magnético TKM longitud 2m, montaje empotrado a nivel, Negro Magnetic Track TKM length 2m, recessed level mounting, Black	9
TKMTR R2	TKMTR3NR2	041688	h:54 l:300 w:50	Carril magnético TKM longitud 3m, montaje empotrado a nivel, Negro Magnetic Track TKM length 3m, recessed level mounting, Black	6

Lista de Modelos | Model List

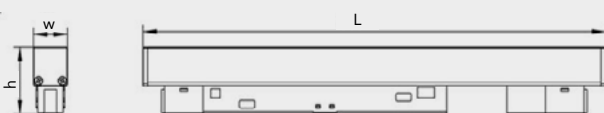
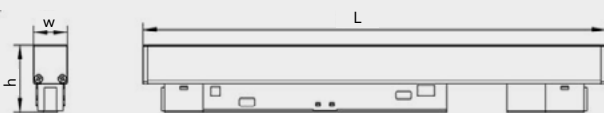
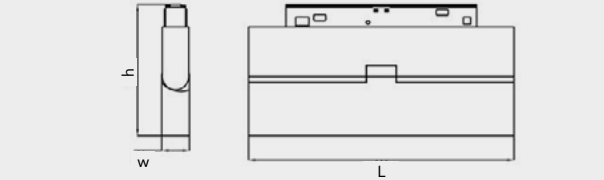
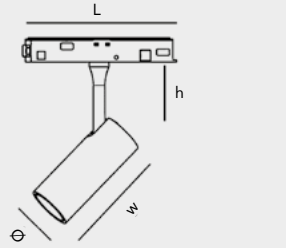
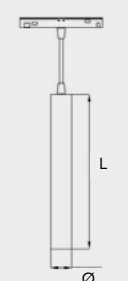
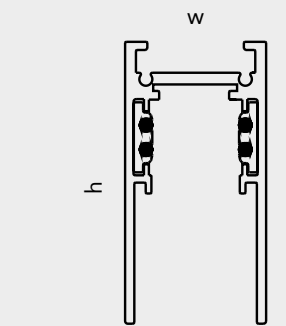
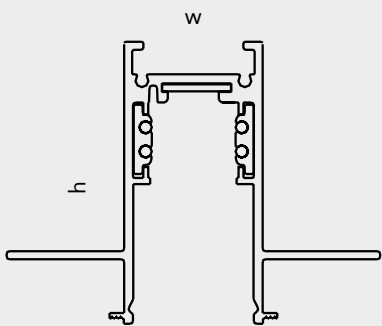
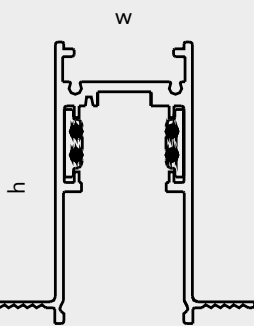
Modelo Model	REF	EAN	W	Lm	Color Luz Light Color	EE Label	Color Material	
TKM2 LINEAL	TKM210CN	041343	10	800	3000K		Negro Black 9005	50
TKM2 LINEAL	TKM210FN	041350	10	850	4000K		Negro Black 9005	50
TKM2 LINEAL	TKM220CN	041367	20	1600	3000K		Negro Black 9005	40
TKM2 LINEAL	TKM220FN	041374	20	1700	4000K		Negro Black 9005	40
TKM2 LINEAL	TKM240CN	041381	30	3200	3000K		Negro Black 9005	20
TKM2 LINEAL	TKM240FN	041398	30	3400	4000K		Negro Black 9005	20
TKM3 REFLECTOR	TKM306CN	041404	6	450	3000K		Negro Black 9005	100
TKM3 REFLECTOR	TKM306FN	041411	6	480	4000K		Negro Black 9005	100
TKM3 REFLECTOR	TKM312CN	041428	12	900	3000K		Negro Black 9005	50
TKM3 REFLECTOR	TKM312FN	041435	12	960	4000K		Negro Black 9005	50
TKM3 REFLECTOR	TKM318CN	041442	18	1350	3000K		Negro Black 9005	50
TKM3 REFLECTOR	TKM318FN	041459	18	1440	4000K		Negro Black 9005	50
TKM4 REFLECTOR BASCULANTE	TKM406CN	041466	6	390	3000K		Negro Black 9005	40
TKM4 REFLECTOR BASCULANTE	TKM406FN	041473	6	420	4000K		Negro Black 9005	40
TKM4 REFLECTOR BASCULANTE	TKM412CN	041480	12	780	3000K		Negro Black 9005	20
TKM4 REFLECTOR BASCULANTE	TKM412FN	041497	12	840	4000K		Negro Black 9005	20
TKM5 SPOTS	TKM506CN	041503	6	450	3000K		Negro Black 9005	30
TKM5 SPOTS	TKM506FN	041510	6	480	4000K		Negro Black 9005	30
TKM5 SPOTS	TKM510CN	041527	10	750	3000K		Negro Black 9005	30
TKM5 SPOTS	TKM510FN	041534	10	800	4000K		Negro Black 9005	30
TKM5 SPOTS	TKM515CN	041541	15	1425	3000K		Negro Black 9005	30
TKM5 SPOTS	TKM515FN	041558	15	1500	4000K		Negro Black 9005	30
TKM5 SPOTS	TKM520CN	041565	20	1900	3000K		Negro Black 9005	20
TKM5 SPOTS	TKM520FN	041572	20	2000	4000K		Negro Black 9005	20
TKM6 SUSPENSIÓN	TKM612CN	041589	12	850	3000K		Negro Black 9005	20
TKM6 SUSPENSIÓN	TKM612FN	041596	12	960	4000K		Negro Black 9005	20

Información General | General Information

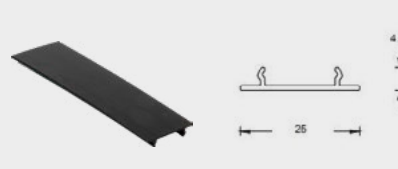
	TKM2 LINEAL	TKM3 REFLECTOR	TKM4 REFLECTOR BASCULANTE	TKM5 SPOTS	TKM6 SUSPENSIÓN
Marca de Chip Chip Brand	San An	San An	San An	Bridgelux	Bridgelux
Tipo de Led Led Type	2835	2835	2835	2240	2240
Tipo de Fuente Power Source type	NDD015DKEA400-C3BF	NDD015DKEA400-C3BF	NDD015DKEA400-C3BF	NDD015DKEA400-C3BF	NDD015DKEA400-C3BF
Opciones de W W options	10 20 30	6 12 18	6 12	6 10 15 20	12
Eficiencia Lumínica Luminous Efficiency	80 Lm/W	75 Lm/W	65 Lm/W	75 Lm/W	71 Lm/W
Factor Potencia Power Factor	1	1	1	1	1
Voltaje Voltage	DC 48	DC 48	DC 48	DC 48	DC 48
CRI	90	90	90	90	90
Grado de Protección Protection Level	IK03	IK03	IK03	IK03	IK03
Protección IP IP Protection	IP20	IP20	IP20	IP20	IP20
Temperatura uso Use Temperature	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C
Difusor Diffuser	plastico ps plastic ps	Polycarbonato PC PC polycarbonate	Polycarbonato PC PC polycarbonate	Polycarbonato PC PC polycarbonate	Polycarbonato PC PC polycarbonate
Material Base	Aluminio Aluminum	Aluminio Aluminum	Aluminio Aluminum	Aluminio Aluminum	Aluminio Aluminum
Dim					
Años de Garantía Years warranty	3	3	3	3	3
Clase de Aislamiento IEC Protection Class					
Apertura Angle	110°	40°	40°	40°	40°



Dimensiones | Dimensions

TKM2 LINEAL  TKM2210 h:43 l:300 w:22 0,18Kg TKM220 h:43 l:600 w:22 0,28Kg TKM240 h:43 l:1200 w:22 0,55Kg		
TKM3 REFLECTOR  TKM306 h:43 l:114 w:22 0,09Kg TKM312 h:43 l:222 w:22 0,16Kg TKM318 h:43 l:330 w:22 0,22Kg		
TKM4 REFLECTOR BASCULANTE  TKM406 h:108,5 l:112 w:23 0,33Kg TKM412 h:108,5 l:220 w:23 0,55Kg		
TKM5 SPOTS  TKM506 Ø:35 h:40 l:120 w:80 0,13Kg TKM510 Ø:45 h:40 l:120 w:100 0,2Kg TKM515 Ø:55 h:40 l:120 w:120 0,27Kg TKM520 Ø:65 h:40 l:220 w:140 0,4Kg	TKM6 SUSPENSIÓN  TKM612 Ø:40 l:297 0,4Kg	
TKMTR S  TKMTR1NS h:52,2 l:100 w:26,4 TKMTR2NS h:52,5 l:200 w:26,4 TKMTR3NS h:52,5 l:300 w:26,4	TKMTR R1  TKMTR1NR1 h:52,2 l:100 w:70 TKMTR2NR1 h:52,2 l:200 w:70 TKMTR3NR1 h:52,2 l:300 w:70	TKMTR R2  TKMTR1NR2 h:54 l:100 w:50 TKMTR2NR2 h:54 l:200 w:50 TKMTR3NR2 h:54 l:300 w:50

Accesorios de montaje | Mounting Accessories

TKMDUSTCN EAN: 041756 Cubierta antipolvo 1M para carriles TKMTR S, R1 y R2 1M dust cover for TKMTR S, R1 & R2 tracks 	TKMOPENN EAN: 041787 Tapa abierta para carriles TKMTR S, R1 y R2 Open cap for TKMTR S, R1 & R2 tracks 	TKMENDN EAN: 041770 Tapa final para carriles TKMTR S, R1 y R2 End cap for TKMTR S, R1 & R2 tracks 
TKMRSN EAN: 041749 Conector "I" para carriles TKMTR S, R1 y R2 (conexión reforzada línea directa) "I" connector for TKMTR S, R1 & R2 tracks (reinforced connection straight line) 	TKMSUSN EAN: 041763 Accesorios de suspensión 2m para carriles TKMTR S (montaje en suspensión) Accessories of suspension 2m for TKMTR S tracks (suspended mounting) 	

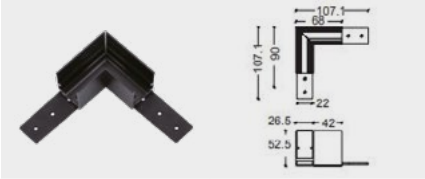




Accesorios Mecánicos | *Mechanically Accessories*

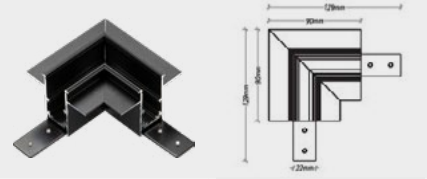
TKMLSFLEX | EAN: 041794

Conector "L" para carriles **TKMTR S** (superficie/ suspensión - añadir TKMFLEXCONN) | "L" connector for TKMTR S tracks (surface/suspended - add TKMFLEXCONN)



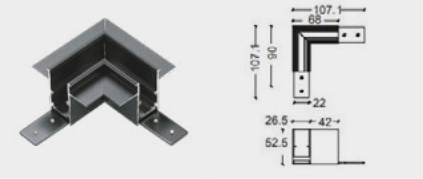
TKMLR1FLEX | EAN: 041824

Conector "L" para carriles **TKMTR R1** (empotrado relieve - añadir TKMFLEXCONN) | "L" connector for TKMTR R1 tracks (recessed relief - add TKMFLEXCONN)



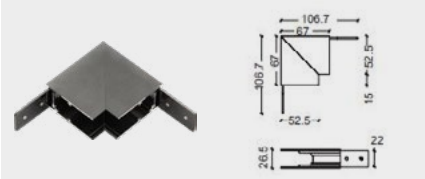
TKMLR2FLEX | EAN: 041855

Conector "L" para carriles **TKMTR R2** (empotrado nivel - añadir TKMFLEXCONN) | "L" connector for TKMTR R2 tracks (recessed level - add TKMFLEXCONN)



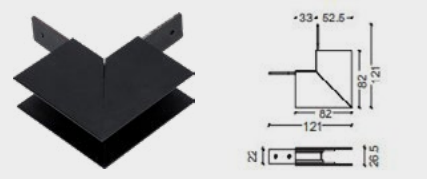
TKMWISFLEX | EAN: 041817

Conector 90° interior para **TKMTR S** (superficie/ suspensión - añadir TKMTCONN) | Inward 90° connector for TKMTR S (surface/suspended - add TKMTCONN)



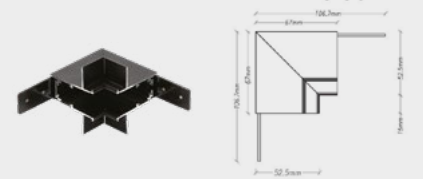
TKMWOSFLEX | EAN: 041800

Conector 90° exterior para **TKMTR S** (superficie/ suspensión - añadir TKMFLEXCONN) | Outward 90° connector for TKMTR S (surface/suspended - add TKMTCONN)



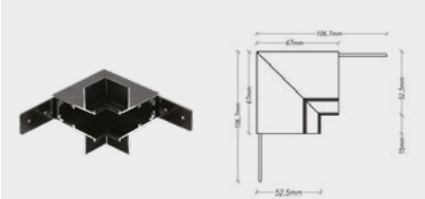
TKMWIR1FLEX | EAN: 041848

Conector 90° interior para **TKMTR R1** (empotrado relieve - añadir TKMFLEXCONN) | Inward 90° connector for TKMTR R1 (recessed relief - add TKMFLEXCONN)



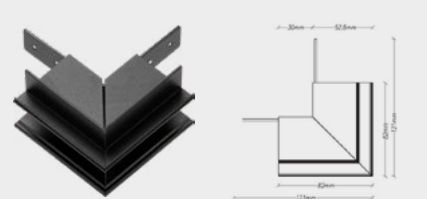
TKMWIR2FLEX | EAN: 041879

Conector 90° interior para **TKMTR R2** (empotrado nivel - añadir TKMFLEXCONN) | Inward 90° connector for TKMTR R2 (recessed level - add TKMTCONN)



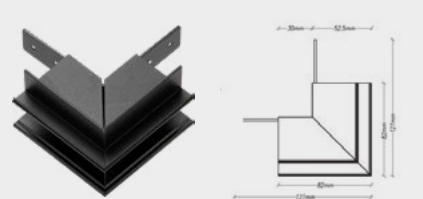
TKMWOR1FLEX | EAN: 041831

Conector 90° exterior para **TKMTR R1** (empotrado relieve - añadir TKMFLEXCONN) | Outward 90° connector for TKMTR R1 (recessed relief - add TKMFLEXCONN)



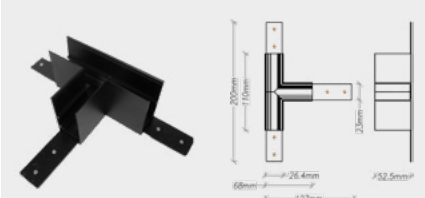
TKMWOR2FLEX | EAN: 041862

Conector 90° exterior para **TKMTR R2** (empotrado nivel - añadir TKMFLEXCONN) | Outward 90° connector for TKMTR R2 (recessed level - add TKMTCONN)



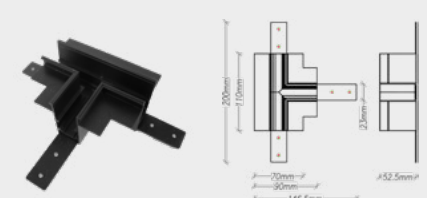
TKMTCONS | EAN: 042951

Conector "T" para carriles **TKMTR S** (superficie/ suspensión - añadir TKMTCONN) | "T" connector for TKMTR S tracks (surface/suspended - add TKMTCONN)



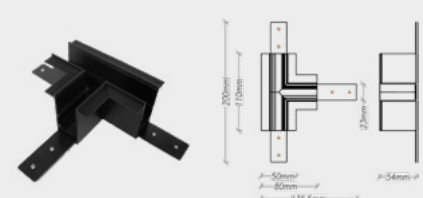
TKMTCONR1 | EAN: 042968

Conector "T" para carriles **TKMTR R1** (empotrado relieve - añadir TKMTCONN) | "T" connector for TKMTR R1 tracks (recessed relief - add TKMTCONN)



TKMTCONR2 | EAN: 042975

Conector "T" para carriles **TKMTR R2** (empotrado nivel - añadir TKMTCONN) | "T" connector for TKMTR R2 tracks (recessed level - add TKMTCONN)



*Los carriles conectados con Accesorios Mecánicos necesitan Accesorios Conductores para proporcionar conductividad entre sí. | *Mechanically connected tracks need Conductive accessories to provide conductivity between tracks.*



Accesorios Conductivos | *Conductive Accessories*

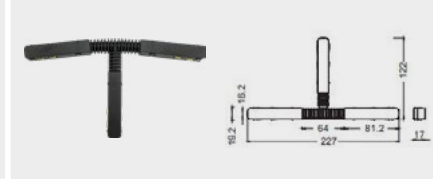
TKMFLEXCONN | EAN: 041725

Conector conductivo flexible para carriles **TKMTR S, R1 y R2** | Conductive flexible connector for TKMTR S, R1 & R2 tracks



TKMTCONN | EAN: 041718

Conector conductivo en "T" para carriles **TKMTR S, R1 y R2** | Conductive "T" shape connector for TKMTR S, R1 & R2 tracks



TKMRCONN | EAN: 041701

Conector conductivo en "I" para carriles **TKMTR S, R1 y R2** | Conductive "I" shape connector for TKMTR S, R1 & R2 tracks



TKMPWN | EAN: 041695

Conector de fuente de alimentación para carriles **TKMTR S, R1 y R2** | Track power supply connector for TKMTR S, R1 & R2 tracks



TKMLCONN | EAN: 041732

Conector conductivo en "L" para carriles **TKMTR S** (superficie y suspensión) | Conductive "L" shape connector for TKMTR S tracks (surface an suspended)



Drivers

TKMDRIVER100 | EAN: 041916

TKM Driver 100W, 220-240VAC, 48V, 0-2.1A, 268x16x42.5mm, PF 0.9 | TKM Driver 100W, 220-240VAC, 48V, 0-2.1A, 268x16x42.5mm, PF 0.9



TKMDRIVER250 | EAN: 041923

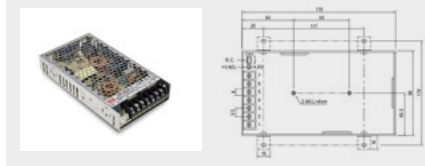
TKM Driver 250W, 220-240VAC, 48V, 0-5.21A, 268x16x42.5mm, PF 0.9 | TKM Driver 250W, 220-240VAC, 48V, 0-5.21A, 268x16x42.5mm, PF 0.9



Fuente de Alimentación | *Power Suply*

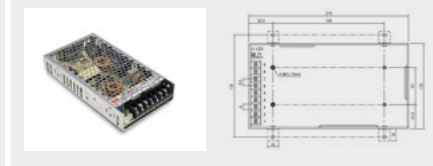
TKMTRANS100M | EAN: 041886

TKM transformador 100W, 100-240VAC, 48V, 0-2.1A, 199x99x30mm, PF 0.9 | TKM transformer 100W, 100-240VAC, 48V, 0-2.1A, 199x99x30mm, PF 0.9



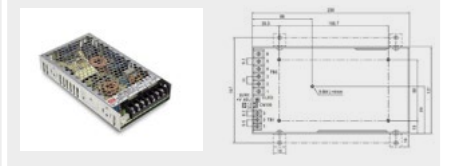
TKMTRANS200M | EAN: 041893

TKM transformador 200W, 100-240VAC, 48V, 0-4.2A, 215x115x30mm, PF 0.9 | TKM transformer 200W, 100-240VAC, 48V, 0-4.2A, 215x115x30mm, PF 0.9



TKMTRANS500M | EAN: 041909

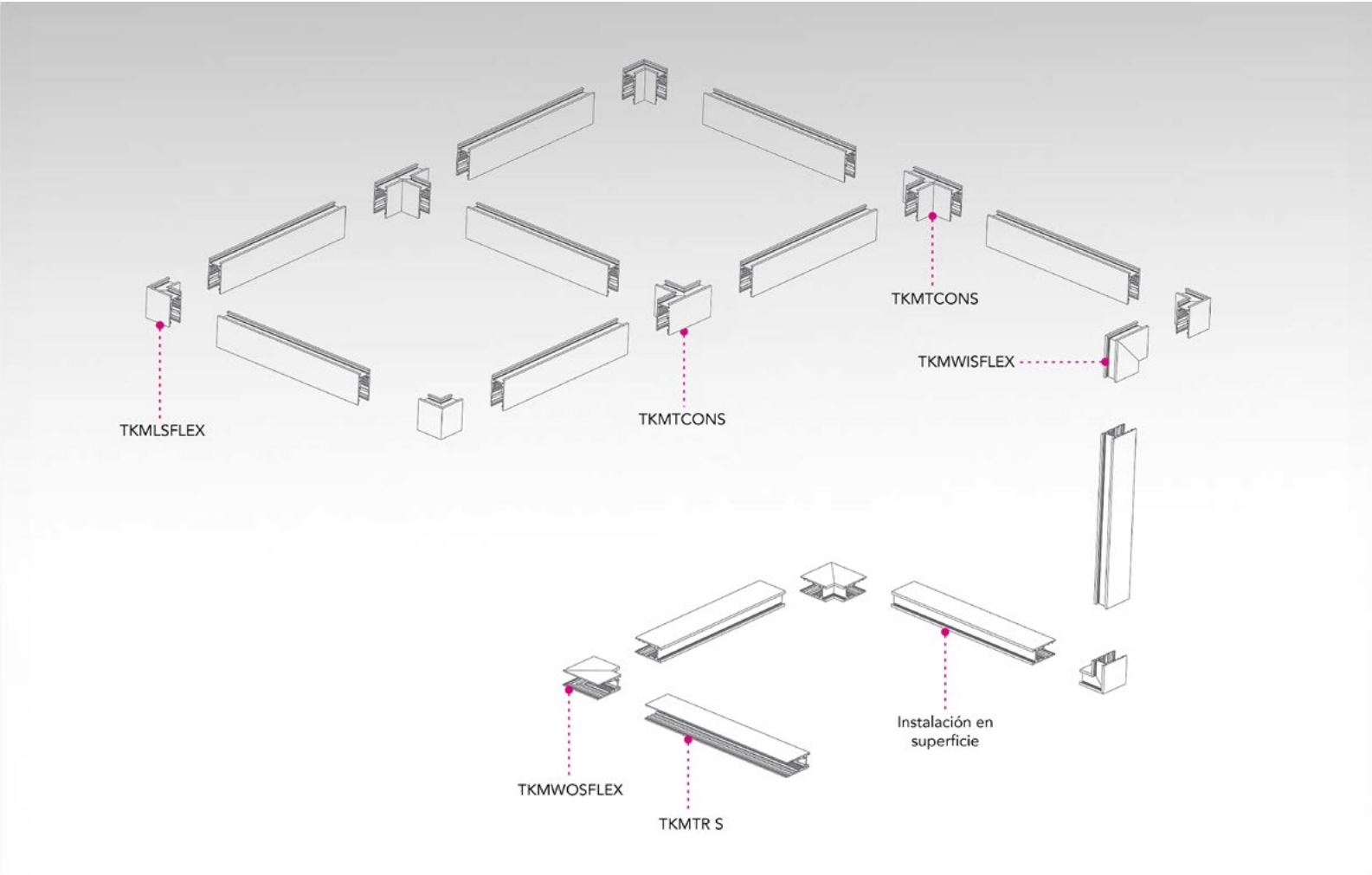
TKM transformador 500W, 100-240VAC, 48V, 0-10.5A, 230x127x40mm, PF 0.9 | TKM transformer 500W, 100-240VAC, 48V, 0-10.5A, 230x127x40mm, PF 0.9



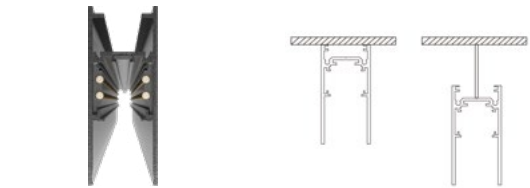
TKM ACCESORIOS - Tabla de compatibilidad | TKM ACCESSORIES - Compatibility table

MODELO MODEL		TKMTR S	TKMTR R1	TKMTR R2
CARRIL MAGNÉTICO MAGNETIC TRACK	Foto del producto Product photo			
	Instalación Installation	Superficie, Suspensión Surface, Suspended 	Empotrado Relieve Relief Recessed 	Empotrado Nivel Level Recessed 
	TKMTR REF	TKMTR1NS TKMTR2NS TKMTR3NS	TKMTR1NR1 TKMTR2NR1 TKMTR3NR1	TKMTR1NR2 TKMTR2NR2 TKMTR3NR2
ACCESORIOS COMPATIBLES COMPATIBLE ACCESSORIES	Accesorios de Montaje Mounting Accessories	TKMDUSTCN TKMSUSN TKMENDN TKMOPENN	TKMDUSTCN TKMENDN TKMOPENN	TKMDUSTCN TKMENDN TKMOPENN
	Accs. Mecánicos Mechanically Accs.	TKMWOSFLEX TKMWISFLEX TKMTCONS TKMLSFLEX	TKMLR1FLEX TKMWIR1FLEX TKMWOR1FLEX TKMTCONR1	TKMLR2FLEX TKMWIR2FLEX TKMWOR2FLEX TKMTCONR2
	Accs. Conductivos Conductive Accs.	TKMFLEXCONN TKMPWN TKMRCONN TKMLCONN TKMTCONN TKMRSN	TKMFLEXCONN TKMPWN TKMRCONN TKMTCONN TKMRSN	TKMFLEXCONN TKMPWN TKMRCONN TKMTCONN TKMRSN
	Drivers	TKMDRIVER100 TKMDRIVER250	TKMDRIVER100 TKMDRIVER250	TKMDRIVER100 TKMDRIVER250
	Fuente Alimentación Power Supply	TKMTRANS100M TKMTRANS200M	TKMTRANS100M TKMTRANS200M	TKMTRANS100M TKMTRANS200M

Diagrama de Instalación (TKMTR S - superficie | Installation Diagram (TKMTR S - surface)



TKMTR S - Superficie, Suspensión | Surface, Suspended



TKMTR R1 - Empotrado Relieve | Relief Recessed



TKMTR R2 - Empotrado Nivel | Level Recessed



ROBLAN[®]

www.roblan.com