

SMART MINITRACK SYSTEM

2023-2024



SELF



Since1993

One shop, One light

SMART MINITRACK SYSTEM

Statement by the Reddot Design Award 2019

SELF SMART MINITRACK SYSTEM is a technically advanced and compact product that provides effective illumination even in small, confined spaces.



**DESIGN
AWARD
2019**



**reddot design award
winner 2019**



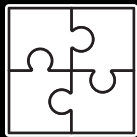
One shop, One light

While retail lighting design typically involves various types of lighting such as general, accent, and task lighting, finding a single light fixture that can meet all of these requirements can be challenging. However, the SMART MINITRACK SYSTEM was specifically developed to address this need and provide a versatile solution for light designers. With its flexibility and adaptability, the SMART MINITRACK SYSTEM can be used in a wide range of lighting scenarios, making it an ideal choice for retailers who want to create a cohesive and well-lit space.

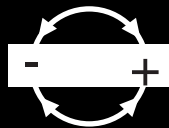


Modularity

- One Linear light
- One fix spots
- One adjustable eyes



Free combination



Polarized free



Finish: black / silver

Lighting modules



MINITRACK EYES
SMT EYE-230KB/SMT EYE-240KB
SMT EYE-230KS/SMT EYE-240KS
L:1-15/16”(50mm)



MINITRACK SPOTS
SMT SPOT-630KB/SMT SPOT-640KB
SMT SPOT-630KS/SMT SPOT-640KS
L:5-7/8”(150mm)



MINITRACK LINEAR
SMT L-240KW/SMT L-230KW
SMT L-640KW/SMT L-630KW
SMT L-1240KW/SMT L-1230KW
SMT L-2440KW/SMT L-2430KW
SMT L-3640KW/SMT L-3630KW
SMT L-4240KW/SMT L-4230KW
L: 1-3/16”(30mm)
1-15/16”(50mm)
11-13/16”(300mm)
23-5/8”(600mm)
35-7/16”(900mm)
41-5/16”(1049mm)



MINITRACK EYES
SMT EYE-430KB/SMT EYE-440KB
SMT EYE-430KS/SMT EYE-440KS
L:3-15/16”(100mm)



MINITRACK SPOTS
SMT SPOT-1230KB/SMT SPOT-1240KB
SMT SPOT-1230KS/SMT SPOT-1240KS
L:11-13/16”(300mm)

Modular Parts



Linear Angular Joint
LAJ-SMT-30K/LAJ-SMT-40K
1'x1' (25x25mm)



Blind Cover
BC-SMT-4B
L:3-15/16" (100mm)



Track (Track of Free-cut Length)
TRACK-SMT-44B: 43-5/16"x1/2"x7/16"
(1100x12.5x10.5mm)



Showcase Holder
SH-SMT-S
SH-SMT-B



Magnatic Metal Clip 0°
MMC-SMT



Hard connector for two tracks linking
HC-SMT-2S sliver
HC-SMT-2B black
L: 1-7/8" (48mm)



No Light Angular Joint
NLAJ-SMT-S/NLAJ-SMT-B
1'x1' (25x25mm)



Blind Cover
BC-SMT-4S
L:3-15/16" (100mm)



Track (Track of Free-cut Length)
TRACK-SMT-44S: 43-5/16"x1/2"x7/16"
(1100x12.5x10.5mm)



End Cap
EP-SMT-S
EP-SMT-B



Metal Clip 0°
MC-SMT



Showcase Angular Joint
SAJ-SMT-B
1-3/8"x1' (35x26mm)



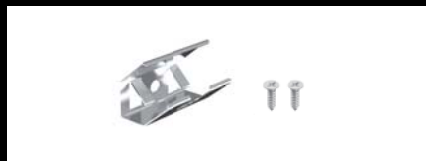
Input Connector
IC-SMT-98-B
L:98-7/16" (2500mm)



Linear Joint LINEAR
LJ-SMT-30KS/LJ-SMT-40KS
LJ-SMT-30KB/LJ-SMT-40KB
L:5-7/8" (150mm) (LED)



Disassemble Tool
DT-SMT-S sliver
DT-SMT-B black



Magnatic metal clip 40°
MC40-SMT



Showcase Angular Joint
SAJ-SMT-S
1-3/8"x1' (35x26mm)



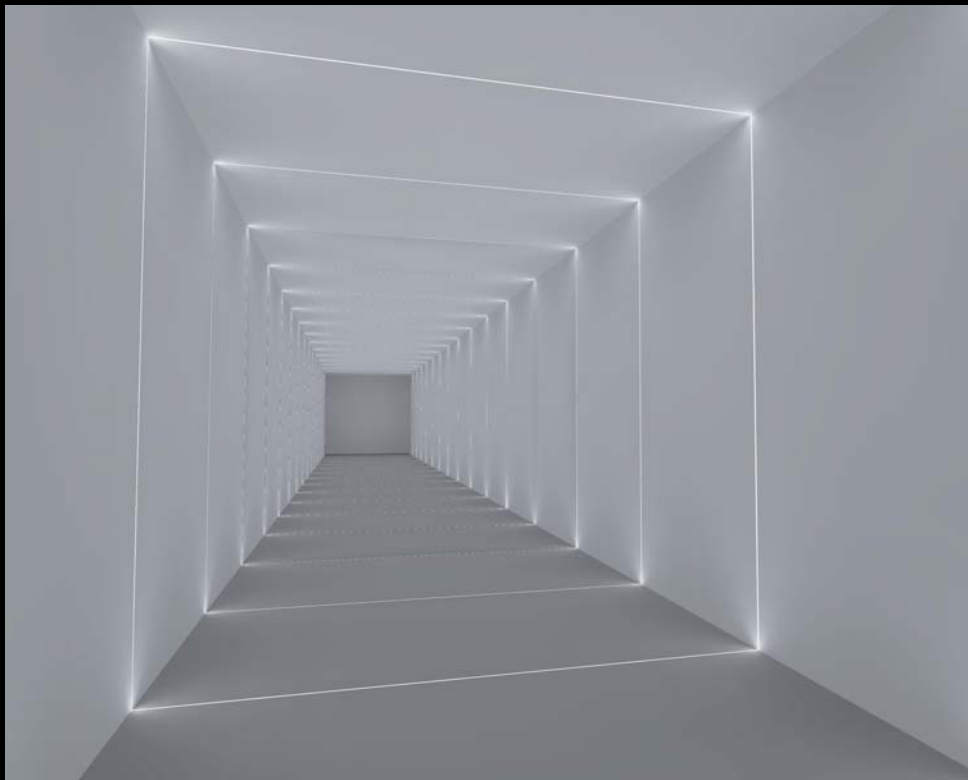
Input Connector
IC-SMT-98-W
L:98-7/16" (2500mm)



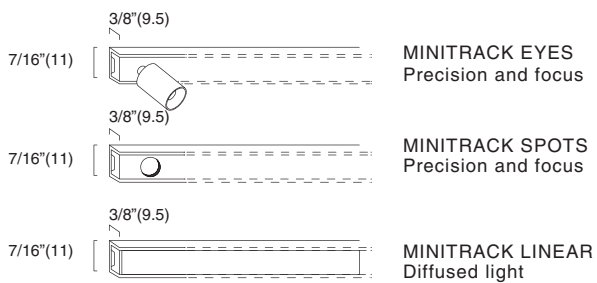
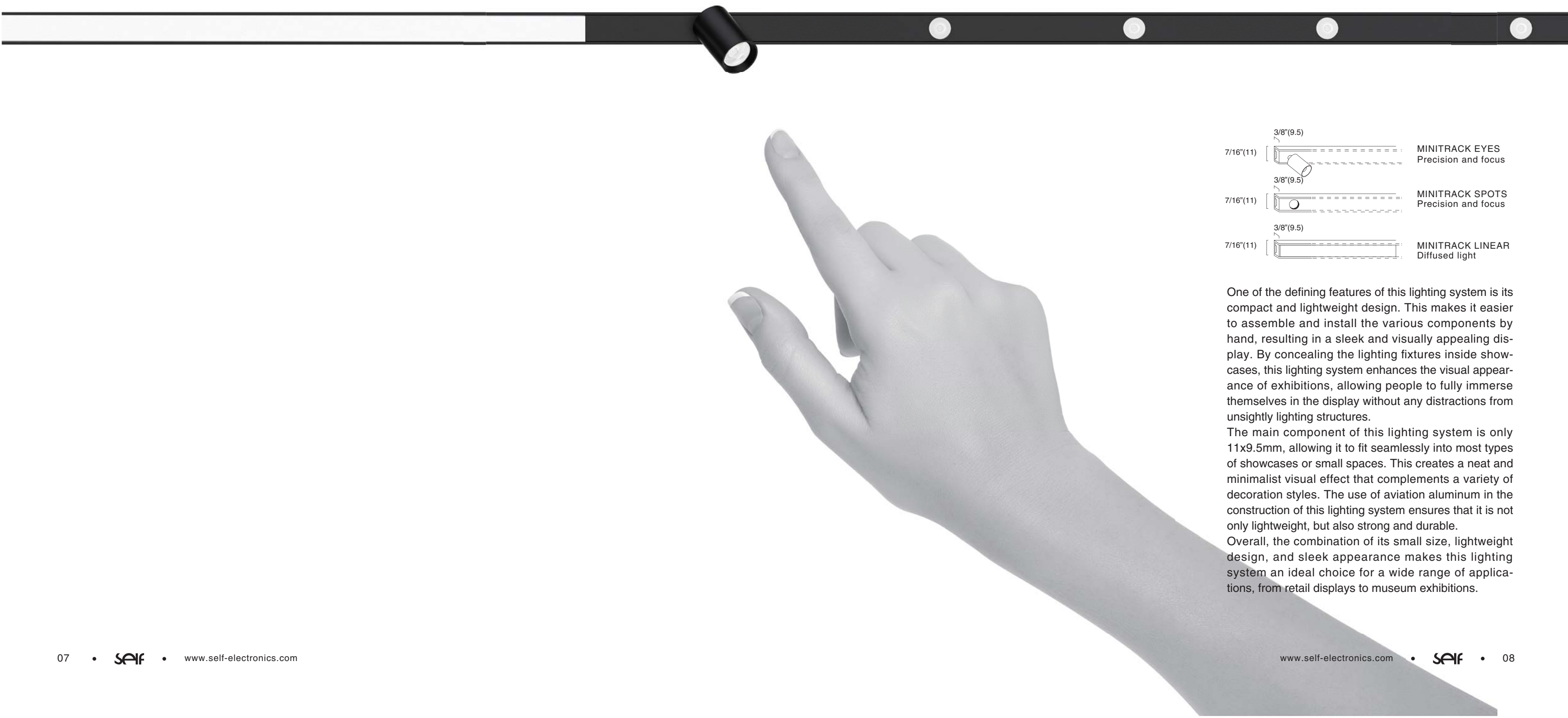
Linear Side Power Feed
LSPF-SMT-30KS99/LSPF-SMT-40KB99
LSPF-SMT-30KS99/LSPF-SMT-40KB99
L:98-7/16" (2500mm)

This lighting solution includes three types of lights: a linear light and two spot lights. The linear light is suitable for both outline lighting on walls and general lighting inside showcases, providing a comprehensive lighting solution for any retail setting. The adjustable spot light and fixed spot light are both ideal for accent lighting, highlighting specific products and creating a visually appealing display. With a variety of accessories available, this lighting system can be installed in multiple ways, including suspension, showcase, and pole installations. The flexibility of this system allows for customized installations tailored to individual preferences and specific retail spaces. By combining general and accent lighting, this lighting solution creates a cohesive and visually stunning atmosphere that will enhance any retail environment.

Applications



Smaller, Lighter and Slimmer



One of the defining features of this lighting system is its compact and lightweight design. This makes it easier to assemble and install the various components by hand, resulting in a sleek and visually appealing display. By concealing the lighting fixtures inside showcases, this lighting system enhances the visual appearance of exhibitions, allowing people to fully immerse themselves in the display without any distractions from unsightly lighting structures.

The main component of this lighting system is only 11x9.5mm, allowing it to fit seamlessly into most types of showcases or small spaces. This creates a neat and minimalist visual effect that complements a variety of decoration styles. The use of aviation aluminum in the construction of this lighting system ensures that it is not only lightweight, but also strong and durable.

Overall, the combination of its small size, lightweight design, and sleek appearance makes this lighting system an ideal choice for a wide range of applications, from retail displays to museum exhibitions.

Light Distributions of Maximum Flexibility



20°

30°

125°

MINITRACK EYES

MINITRACK SPOTS

MINITRACK LINEAR

Attractive Colour Presentation

CRI>90, High Quality Light Output

The color rendering index (CRI) is a crucial reference point in lighting design as it measures how accurately colors are represented under different lighting conditions. A high CRI value is desirable in applications where color accuracy is critical, such as in display cases and art exhibition spaces.

MINITRACK stands out with an impressive CRI of 90, indicating its ability to reproduce colors with remarkable accuracy, similar to natural light. This high level of color fidelity is essential in accurately rendering the material quality, feel, and color authenticity of merchandise and artworks, thereby enhancing their value.

In addition, the small light surface area of the LEDs and high light density allow the luminaires to reflect the three-dimensionality of amorphous surfaces with exceptional precision. This makes products with a CRI of 90 ideal for high-end sales floors and art settings where accurate color reproduction is essential. Overall, the impressive color accuracy and adaptability of MINITRACK make it a top choice for a wide range of applications where color rendering is critical.

Ra(R9) 90(50)



Ra(R9) 97(90) (SELF)



Ra(R9) 90(50)



Ra(R9) 97(90) (SELF)

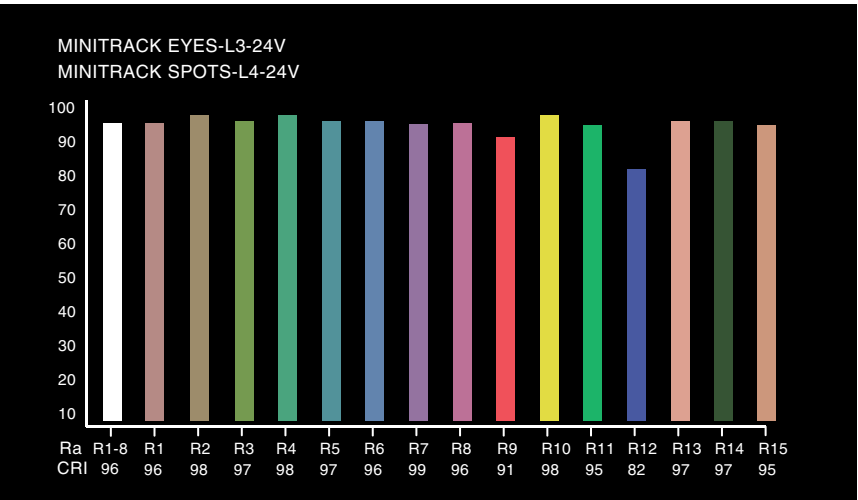


R9>90, Closer to True Colors

The R9 index is a measure of how accurately red colors are represented under different lighting conditions. In many fields, such as photography, textiles, and the study of bones and skins, red is a critical color that must be accurately reproduced.

For human eyes, the color red is an essential reference point for distinguishing true colors. A higher R9 index indicates a greater ability to accurately reproduce red and other colors, resulting in more faithful color representation.

MINITRACK stands out with an R9 index of over 90, which allows it to accurately reproduce red colors and other hues with remarkable precision. By more closely approximating true colors, MINITRACK creates a more vivid and realistic visual experience for viewers.



One, two, three, start your exploration

When using the SMART MINI TRACK SYSTEM, it's important to first consider the desired lighting effect and choose the appropriate type and size of light. Once you have your lights selected, simply attach them to the track and press them into place for a secure hold. Creating your ideal lighting design is as easy as playing with building blocks, as different combinations of lights can produce a range of unique effects.

Experimenting with different lighting combinations can be a fun and creative process, and you may be surprised by the stunning results you can achieve with the SMART MINI TRACK SYSTEM. Whether you're looking to create a specific ambiance or highlight specific products, this versatile lighting solution offers endless possibilities for customization.

We hope you enjoy exploring the possibilities of the SMART MINI TRACK SYSTEM and have fun creating your own unique lighting designs. With its easy-to-use system and ability to produce stunning lighting effects, this solution is sure to elevate any space.



Track mounting sections

TRACK(0°)

1/2"(12.50)



7/16"(10.50)

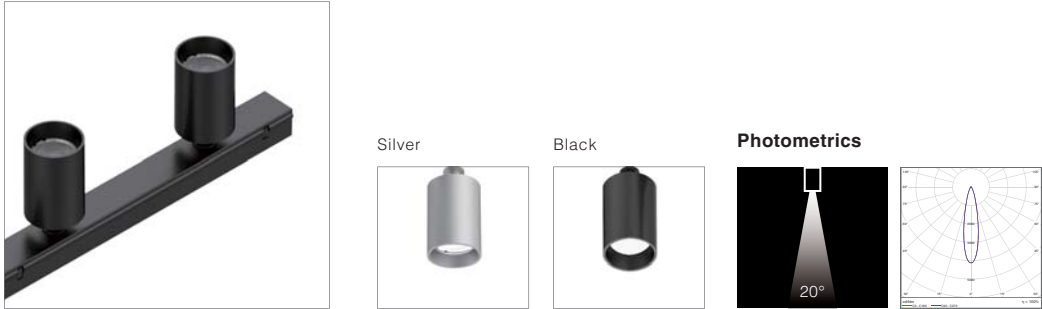
LINEAR mounting section (42-57/6"-1100 mm) 0° angle



SMART MINITRACK SYSTEM



MINITRACK EYES

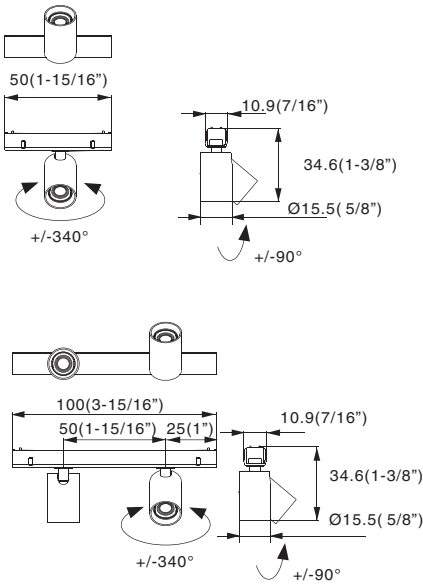


How to order

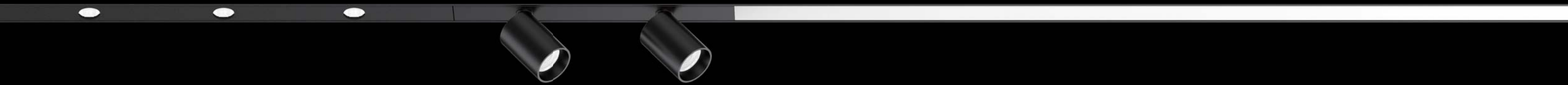
SMT	SERIES	-	LENGTH	CCT	FINISH
	EYE - MINITRACK EYES		2 - 2" 4 - 3.9"	30K- 3000K 40K- 4000K	S - Sliver B - Black

Specifications

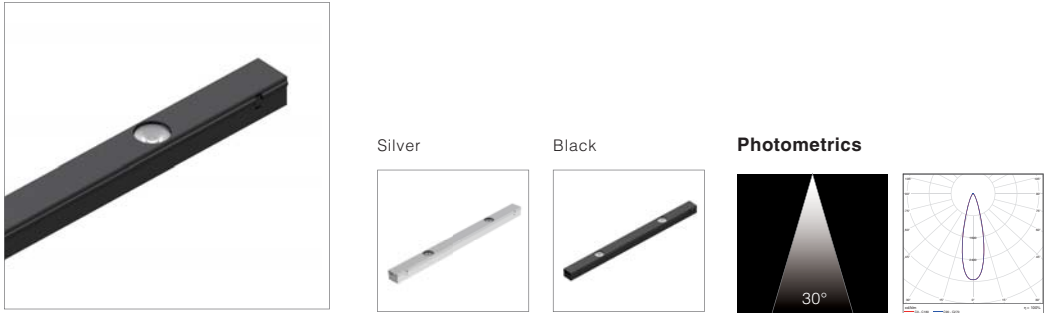
Catalog No.	Model	Input Voltage (V)	Power (W)	CCT (K)	Ra(R9) typ.	Beam angle	Luminous flux (lm)	Luminaire efficacy (lm/w)	Dimmable	Weight (g)
SMT EYE-230KS SMT EYE-230KB SMT EYE-240KS SMT EYE-240KB	MINITRACK EYES-L1-24V	24	1.5	3000 4000	97(90)	20°	80 88	53 59	True	18
SMT EYE-430KS SMT EYE-430KB										
SMT EYE-440KS SMT EYE-440KB										
SMT EYE-440KB										
SMT EYE-230KS SMT EYE-230KB SMT EYE-240KS SMT EYE-240KB	MINITRACK EYES-L2-24V	24	2.6	3000 4000	97(90)	20°	160 180	62 69	True	25
SMT EYE-430KS SMT EYE-430KB										
SMT EYE-440KS SMT EYE-440KB										
SMT EYE-440KB										



SMART MINITRACK SYSTEM



MINITRACK SPOTS

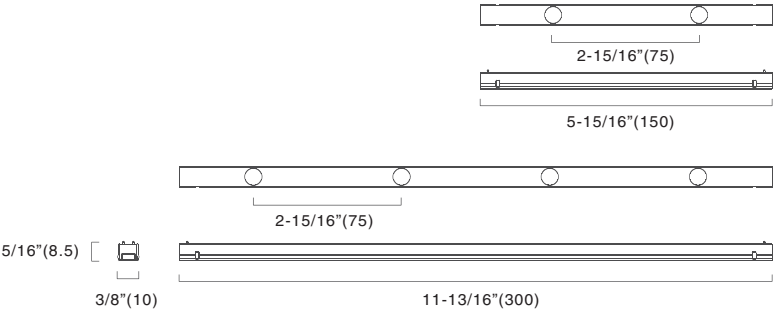


How to order

SMT	SERIES	-	LENGTH	CCT	FINISH
	SPOT - MINITRACK SPOTS		6 - 5.9" 12 - 11.8"	30K - 3000K 40K - 4000K	S - Silver B - Black

Specifications

Catalog No.	Model	Input Voltage (V)	Power (W)	CCT (K)	Ra(R9) typ.	Beam angle	Luminous flux (lm)	Luminaire efficacy (lm/w)	Dimmable	Weight (g)
SMT SPOT-630KS SMT SPOT-630KB SMT SPOT-640KS SMT SPOT-640KB	MINITRACK SPOTS-L2-24V	24	2.5	3000 4000	97(90)	30°	150 170	60 68	True	15.5
SMT SPOT-1230KS SMT SPOT-1230KB SMT SPOT-1240KS SMT SPOT-1240KB				3000 4000			340 370	71 77		



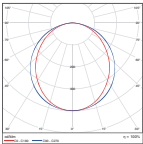
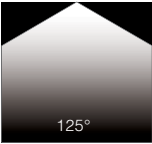
SMART MINITRACK SYSTEM



MINITRACK LINEAR



Photometrics



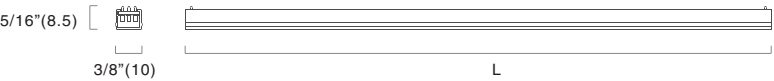
2 - 1.2"

How to order

SMT	SERIES	-	LENGTH	CCT	FINISH
	L - MINITRACK LINEAR		2 - 1.2" 6 - 5.9" 12 - 11.8" 24 - 23.6" 36 - 35.4" 42 - 41.3"	30K- 3000K 40K- 4000K	W- White

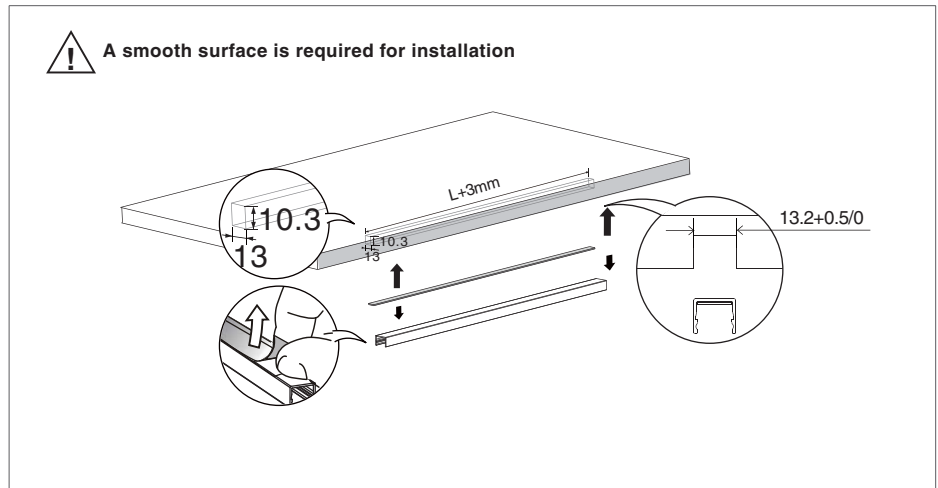
Specifications

Catalog No.	Model	Input Voltage (V)	Power (W)	CCT (K)	Ra(R9) typ.	Beam angle	Luminous flux (lm)	Luminaire efficacy (lm/w)	Dimmable	Length (inch)	Weight (g)
SMT L-230KW SMT L-240KW	MINITRACK LINEAR-L7-24V	24	0.75	3000 4000	93(50)	125°	62 67	83 89	True	1-3/16	2
SMT L-630KW SMT L-640KW	MINITRACK LINEAR-L28-24V	24	2.4	3000 4000	93(50)	125°	210 230	88 96	True	5-7/8	9
SMT L-1230KW SMT L-1240KW	MINITRACK LINEAR-L56-24V	24	4.8	3000 4000	93(50)	125°	420 450	88 94	True	11-13/16	17
SMT L-2430KW SMT L-2440KW	MINITRACK LINEAR-L112-24V	24	9.6	3000 4000	93(50)	125°	830 900	86 94	True	23-5/8	32
SMT L-3630KW SMT L-3640KW	MINITRACK LINEAR-L168-24V	24	14.4	3000 4000	93(50)	100°	1200 1400	83 97	True	35-7/16	46
SMT L-4230KW SMT L-4240KW	MINITRACK LINEAR-L196-24V	24	16.8	3000 4000	93(50)	100°	1500 1600	89 95	True	41-5/16	55

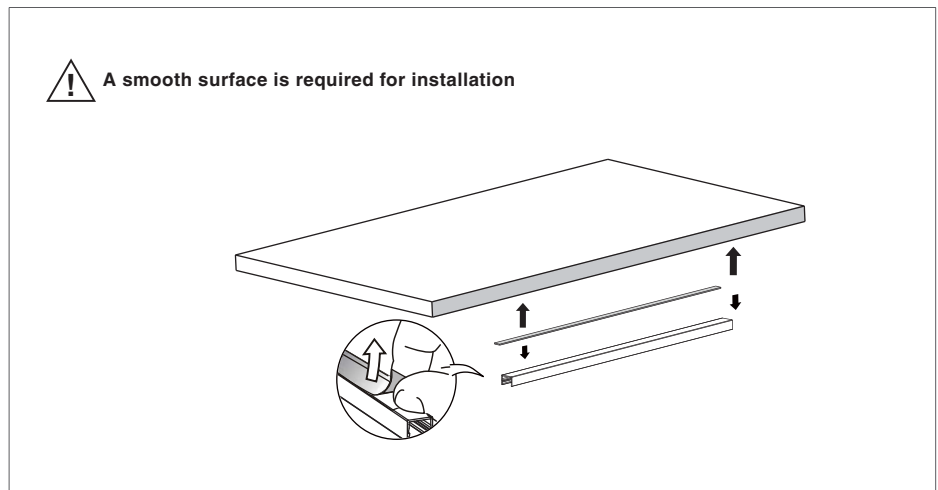


SMART MINITRACK SYSTEM

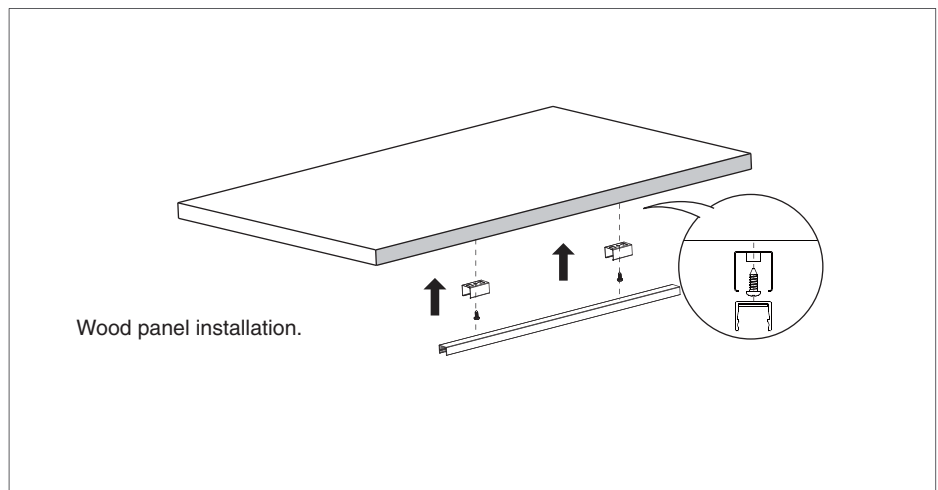
Recessed installation



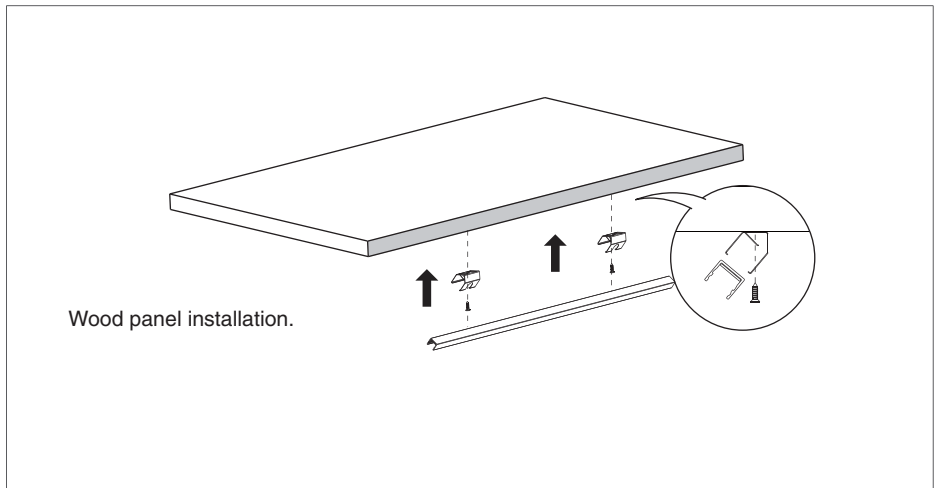
Surface mounting installation



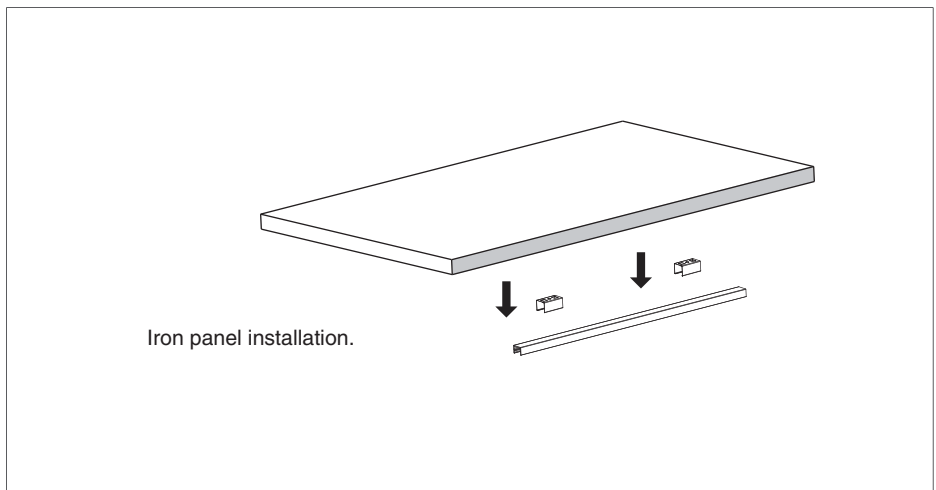
Metal clip installation



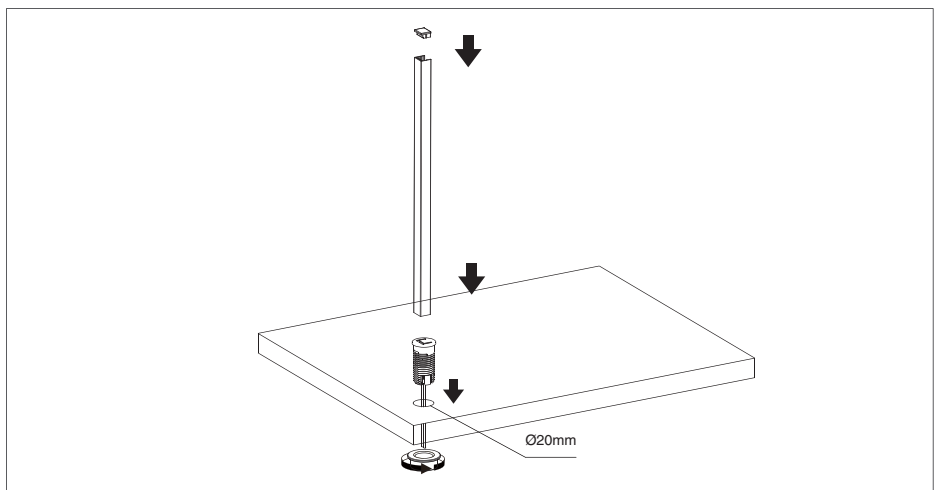
40° Metal clip installation



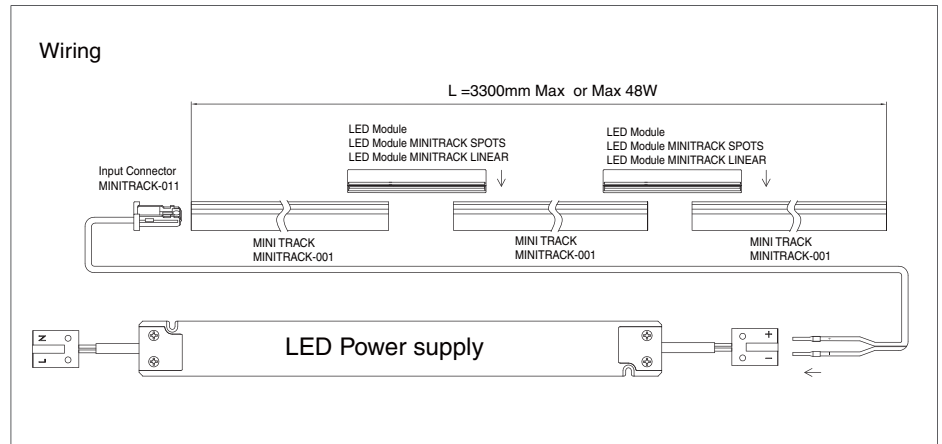
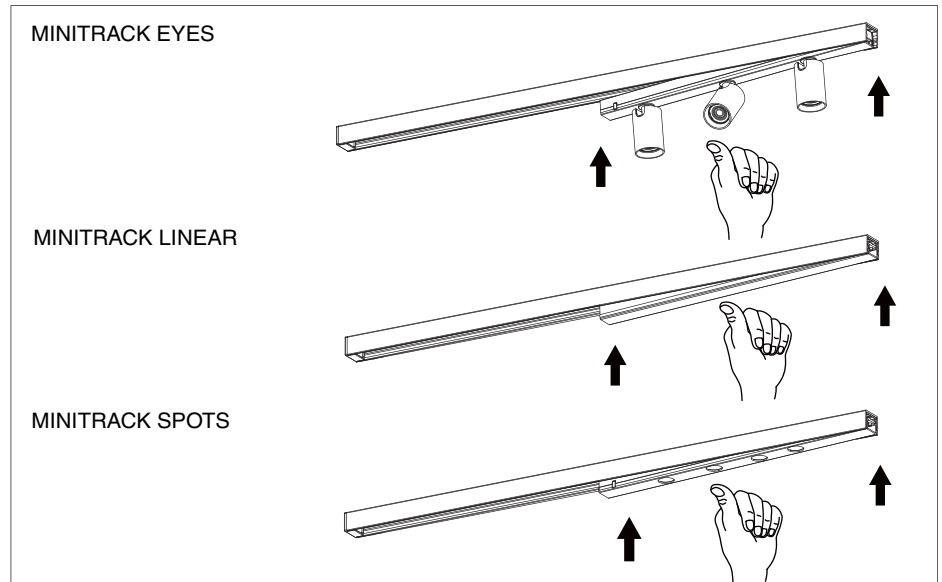
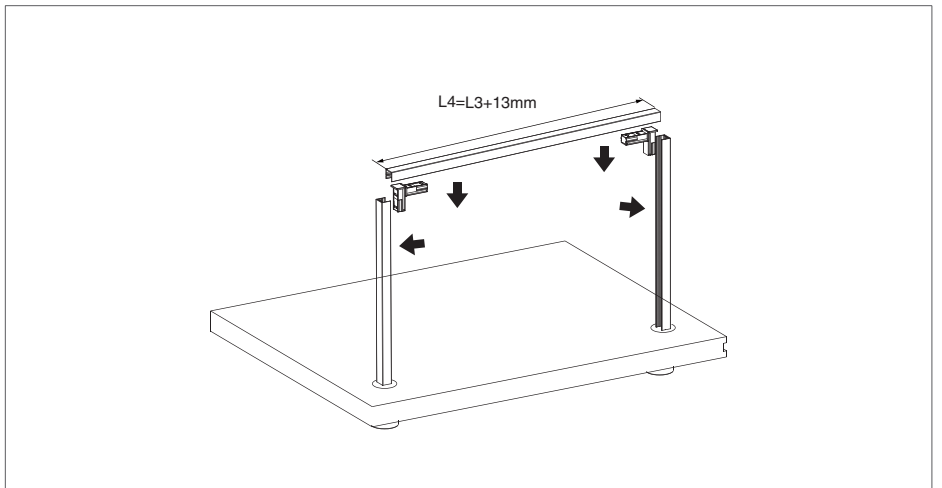
Magnetic metal clip installation



Showcase installation



BEAM installation



Think Life Enjoy Light

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