



ERCO Minirail 48V track and singlets – Small cross section, large flexibility

The elegant infrastructure for lighting in the digital age

With Minirail, ERCO offers a miniaturized alternative to the classic ERCO track as the basis for flexible space-saving lighting systems. Minirail features a 48V DC infrastructure for low voltage luminaires. The system requires only two conductors and features a narrow profile width of < 1": ideal for all situations requiring the smallest possible system dimensions, whether for aesthetic or technical reasons. In combination with correspondingly compact luminaires for Minirail, lighting designers

can install high quality lighting in the smallest of spaces. The luminaires can be dimmed and controlled wirelessly. The 48V system offers premium safety and efficiency. Minirail is suitable for ceiling surface-mounting and, with appropriate accessories, for ceiling-recessed and suspended mounting. A singlet is also available for mounting single spotlights. Various connectors, couplers and feeds form the basis for a diversity of configurations.

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Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

1 Aluminum profile

- White (RAL9002), black or silver
- Powder-coated or anodized

2 Contacts

- Two isolated copper conductors, AWG11 / 4.15mm²
- One circuit: max. 2A

Variants on request

- Housing: 10,000 further colors
- Please contact your ERCO consultant.

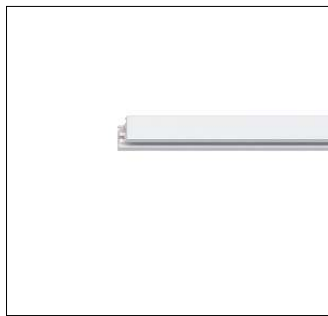


Design and application:
www.erco.com/minirail-48V

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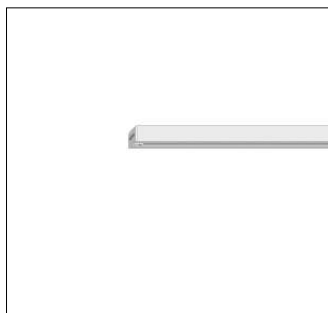
48V technology
 Low voltage technology achieves very good energy efficiency which leads to low operating costs.



Compact profile
 The small dimensions of the track profile of only 22mm is highly discreet, thus directing the focus on the light. Compact profiles are particularly advantageous in small rooms.








Recessed
 A plaster trim profile is available as an accessory for flush mounting in the ceiling or wall.







Surface-mounted
 Track can be easily mounted to ceilings, walls and furniture as a surface-mounted variant.



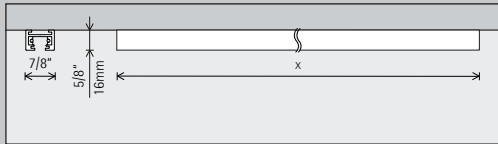
Suspensions
 Track can be simply suspended from the ceiling. Wire suspensions are ideal for sloping ceilings and pendant tubes are suitable for high loads.

Special characteristics	
	48V technology
	Compact profile
	Recessed
	Surface-mounted
	Suspensions

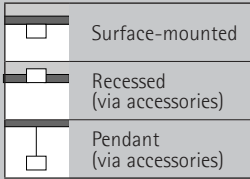
	Various housing colors
	Various construction sizes
	Easy installation
	Accessory for mounting variants

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ERCO Minirail 48V track



Type of mounting



Length

3.28ft	9.84ft
6.56ft	Special length *

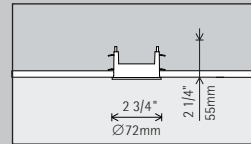
Application

1-circuit
 ✓ Switchable
 ✓ 0-10V (via Casambi Bridge)
 ✓ Casambi Bluetooth
 ✓ Zigbee

Color (housing)

	White		Silver
	Black		10,000 colors *

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1-circuit
 ✓ Switchable
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 ✓ Casambi Bluetooth
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	White		10,000 colors *
	Black		

Accessories

	Connectors		Suspension equipment		Power supply unit
	Plaster trim profile		Mounting components		Bridges/Gateways * 0-10V, DALI, DMX

* available on request

Article numbers and planning data:
www.erco.com/019305-us

Design and application:
www.erco.com/minirail-48V/en_us





新款上市