



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 miniaturised track as the basis for flexible, space-saving lighting installations. The 48V system requires only two conductors and has a profile with a width of just 22mm. Ideal for all situations where system dimensions need to be as compact as possible. In combination with compact luminaires for Minirail, lighting designers can install high quality lighting in the smallest of spaces. Minirail is suitable for ceiling surface-mounting and, with appropriate accessories,

for ceiling-recessed and suspended mounting. A wide range of configurations can be created with the connectors, couplers and live ends.

ERCO Minirail 48V track and singlets



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 Aluminium profile

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

2 Contacts

- Two isolated copper conductors, 4.15mm²
- One 10A circuit

Variants on request

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



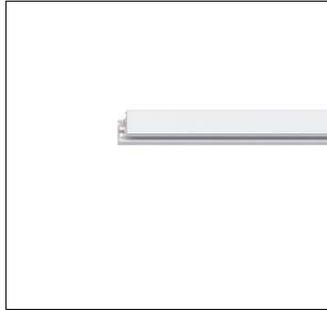
Design and application:
www.erco.com/minirail-48V

ERCO Minirail 48V track and singlets



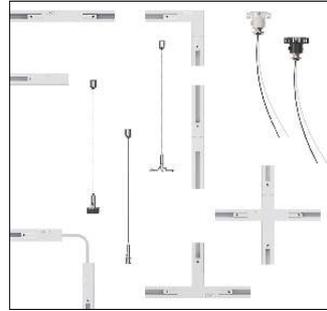
48V technology

Low voltage technology is characterised by very good energy efficiency and also reduced operating costs.



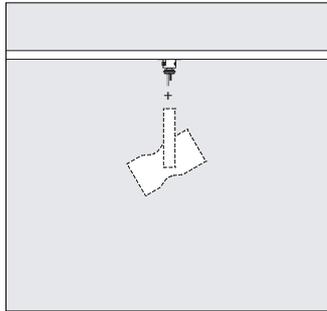
Compact profile

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.



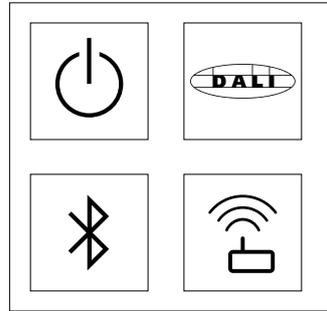
Extensive accessories

A comprehensive range of accessories is available for different mounting methods and layout requirements.



Open system for luminaires from other manufacturers

Utilise our track as high quality infrastructure for your lighting design, also in combination with luminaires from other manufacturers. We provide the suitable adapters as OEM components.



Control types

The track can be used for various methods of control: switching, dimming, DALI, Zigbee or Casambi

Special characteristics	
48V	48V technology
	Compact profile
+	Extensive accessories
OEM	OEM components
	Control types

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

ERCO Minirail 48V track and singlets

ERCO Minirail 48V track



Type of mounting

	Surface-mounted
	Recessed (via accessories)
	Pendant (via accessories)

Length

1000mm	3000mm
2000mm	Special length *

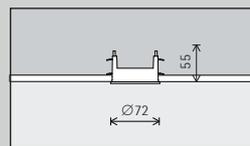
Application

1-circuit ✓ Switchable ✓ DALI (via Casambi Gateway) ✓ Casambi Bluetooth ✓ Zigbee

Colour (housing)

	White		Silver
	Black		10,000 colours *

ERCO Minirail 48V singlets



	Recessed
--	----------

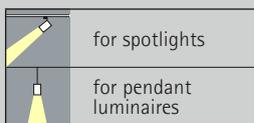
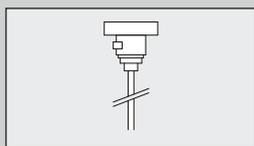
1-circuit ✓ Switchable ✓ DALI (via Casambi Gateway) ✓ Casambi Bluetooth ✓ Zigbee

	White		10,000 colours *
	Black		

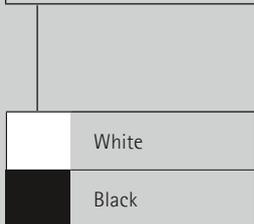
Accessories

	Connectors		Suspension equipment		Power supply units
	Plaster trim profiles		Mounting components		DALI Casambi Gateway

ERCO OEM Minirail adapter 48V



1-circuit
✓ Switchable
✓ DALI (via Casambi Gateway)
✓ Casambi Bluetooth
✓ Zigbee



* available on request

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

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





新款上市