



## ERCO Hi-trac track with uplights – Carrying it off

**Hi-trac combines the flexible options of a track with the visual comfort of indirect lighting**

The Hi-trac light structure is a heavy-duty system and allows very wide spacing between the suspensions. Hi-trac is an aluminium extrusion and available with integrated ERCO track in two versions: either with an empty upper compartment for cables or as an indirect luminaire.

Hi-trac enables the combination of indirect lighting with accent light from the track.

## ERCO Hi-trac track with uplights



### 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 Panel profile

- White (RAL9002)
- Aluminium, powder-coated
- Track and panel profile to be assembled on site

#### 2 Contacts (lower part)

- 4 isolated copper conductors
- When used as DALI track: 1 16A circuit and 2 conductors for connecting to the DALI data line
- When used as 3-circuit track: three separately switchable circuits, 16A each

#### 3 Earth conductor

#### 4 Fixture with LED module (on upper side)

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Cover: diffuser, polymer, textured
- LED module operation with one track circuit
- Covered control gear: switchable, phase dimmable or DALI dimmable

or

#### Empty profile (upper side of track)

- For accommodating through-wiring or cover profiles

#### Variants on request

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



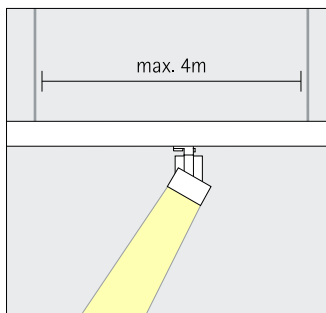
Design and application:  
[www.erco.com/hi-trac](http://www.erco.com/hi-trac)

# ERCO Hi-trac track with uplights



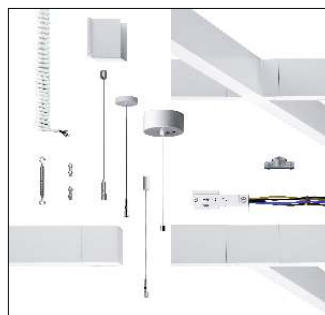
## Investment-proof due to flexibility

Thanks to durable, robust components that have been tried and tested over decades, Hi-trac track from ERCO provides a high level of investment security, even for future luminaire generations. This flexible infrastructure enables the implementation of lighting concepts with spotlights, downlights and wallwashers.



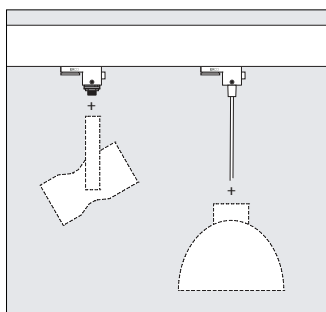
## Wide spacing

The heavy-duty Hi-trac profiles allow wide spacing between the suspension points for wire or pendant suspensions.



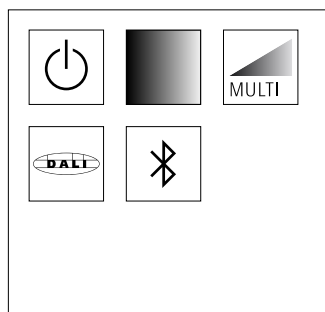
## Extensive accessories

Whether straight lines, L-shapes or rectangular configurations: use our extensive range of accessories to adapt the track layout to your project.



## Open system for luminaires from other manufacturers

Use Hi-trac for your lighting design in combination with luminaires from other manufacturers. We supply suitable adapters, for example for spotlights and pendant luminaires, as OEM components.



## One track for different types of control

ERCO uses an identical track profile for both 3-circuit mode with three separately switchable circuits and for DALI mode. In this way you remain flexible and you can also integrate wireless control types such as Casambi Bluetooth.

## Special characteristics

|  |                                     |
|--|-------------------------------------|
|  | Investment-proof due to flexibility |
|  | Wide spacing                        |
|  | Extensive accessories               |
|  | OEM components                      |
|  | Control types                       |



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Accessory for mounting variants



Switchable



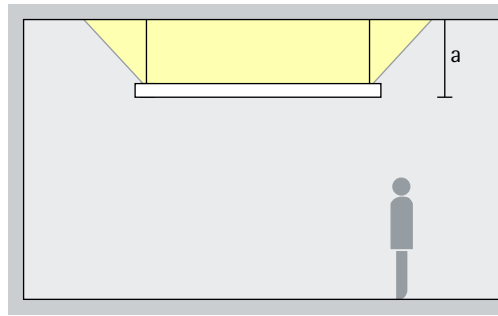
Phase dimmable



DALI dimmable

## ERCO Hi-trac track with uplights – Luminaire arrangement

**Luminaires, indirect**  
Indirect emission



The LED module, mounted flush into the Hi-trac track from above, projects the light onto the ceiling, emphasising the dimensions of high rooms. The ideal distance (a) of the light structure to the ceiling is 1m.

Arrangement:  $a = 1\text{m}$

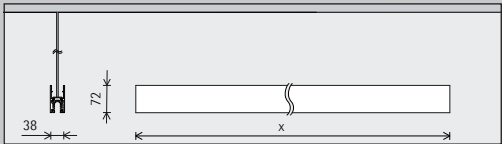
Arup, Sydney.  
Lighting design:  
Arup. Photography:  
Jackie Chan,  
Sydney.



Fundación Fran-  
cisco Godia,  
Barcelona. Archi-  
tect: Jordi Garcès,  
Barcelona.

ERCO Hi-trac track with uplights

ERCO Hi-trac track



Type of mounting

|                                                                                   |                              |
|-----------------------------------------------------------------------------------|------------------------------|
|  | Pendant<br>(via accessories) |
|-----------------------------------------------------------------------------------|------------------------------|

Length

|        |                  |
|--------|------------------|
| 2000mm | 4000mm           |
| 3000mm | Special length * |

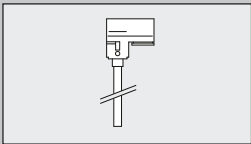
Application

|                                                                                                                                        |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 3-circuit<br>✓ Switchable<br>✓ Phase dimmable<br>✓ Phase dimmable (via Multi Dim)<br>✓ Push Dim (via Multi Dim)<br>✓ Casambi Bluetooth | DALI<br>✓ DALI<br>✓ DALI dimmable (via Multi Dim) |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|

Colour (housing)

|                                                                                     |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | White            |
|  | 10,000 colours * |

ERCO OEM adapter



for spotlights

for pendant  
luminaires

3-circuit

3-circuit

✓ Switchable  
✓ Phase dimmable  
✓ Casambi Bluetooth

✓ DALI  
✓ DALI dimmable (via Multi Dim)

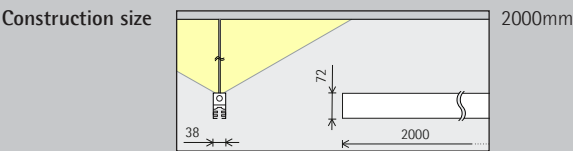
White

Black

Accessories

|                                                                                     |                      |                                                                                     |               |
|-------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------|---------------|
|  | Connectors           |  | Cover profile |
|  | Suspension equipment |                                                                                     |               |

# Hi-trac luminaires



LED module  
Maximum value  
at 4000K CRI 92

11.7W/1856lm

Light colour  
(indirect)

|  |              |  |              |
|--|--------------|--|--------------|
|  | 2700K CRI 92 |  | 3500K CRI 92 |
|  | 3000K CRI 92 |  | 4000K CRI 92 |
|  | 3000K CRI 97 |  |              |

Control

|  |                |
|--|----------------|
|  | Switchable     |
|  | Phase dimmable |
|  | DALI           |

Colour (housing)

|  |                  |
|--|------------------|
|  | White            |
|  | 10,000 colours * |

\* available on request





Carolina Rediviva  
Library, Uppsala.  
Lighting design:  
Johan Celsing.  
Photography:  
Johan Elm, Stock-  
holm.