



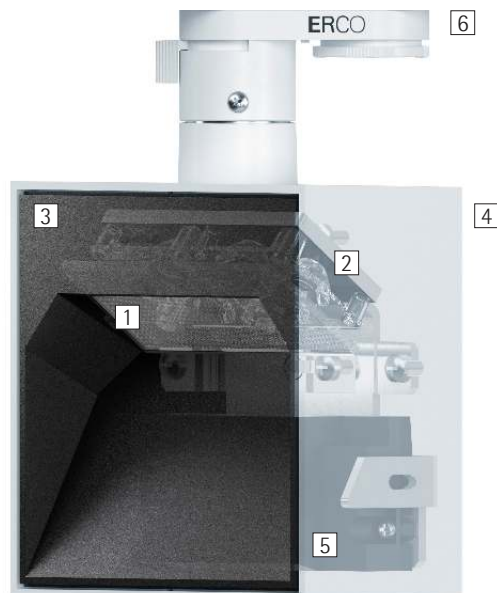
Pantrac – Lighting effects for walls

Simple and efficient wallwashing for museums and business premises

Pantrac exceeds the demands of the ultimate challenge in lighting design: perfect wallwashing. The system is designed to achieve superb uniform illumination of walls, product shelving or exhibits with total visual comfort. Innovative photometrics optimise its efficiency and, as a result, reduce the number of luminaires required, as these can be spaced further apart.

With its archetypal cubic design, the luminaire integrates as effort-

lessly with modern rooms as with historic architecture. A very wide dimming control range of 1% to 100% supports aesthetic and conservation aspects of artwork protection and gallery appearance.



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 ERCO Spherolit lens

- Light distribution: wallwash

2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

3 Front cover

- Polymer, black lacquered

4 Housing

- White (RAL9002) or black
- Cast aluminium, powder-coated
- Rotatable through 360° on adapter

5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

6 ERCO 3-circuit adapter or ERCO DALI adapter

Variants on request

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



Design and application:
www.erco.com/pantrac

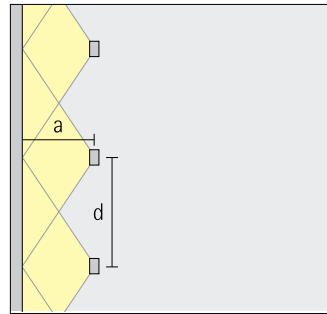
Pantrac for track 220-240V



Outstanding uniformity
Pantrac provides uniform vertical lighting to perfection - whether in prestigious entrance areas, in offices or in museums.



Simple installation
Pantrac creates perfect light for wallwashing without additional pivoting.



Large luminaire spacing
The high-efficiency Pantrac lighting technology enables luminaire spacing of up to one and a half times the distance to the wall.

Special characteristics



Outstanding uniformity



Easy installation



Wide luminaire spacing with wallwashing



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Switchable



Phase dimmable + On-board Dim



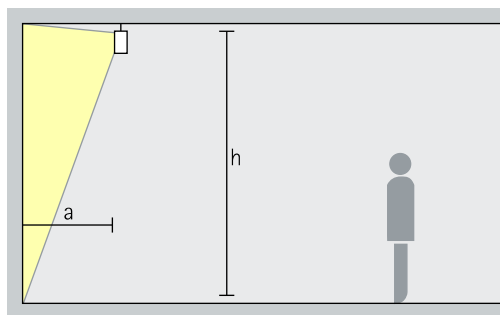
DALI dimmable



Casambi Bluetooth

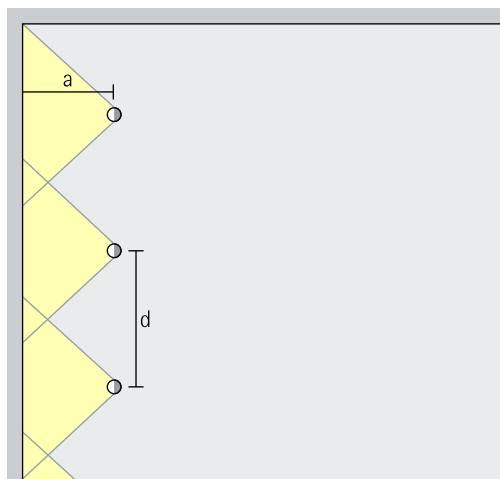
Pantrac for track 220-240V – Luminaire arrangement

Lens wallwashers Wallwash



For uniform vertical illuminance, the distance (a) of Pantrac lens wallwashers from the wall should be around one third of the room height (h). The luminaire head has been adjusted precisely for optimum wallwashing.

Arrangement: $a = 1/3 \times h$



For good longitudinal uniformity, the spacing (d) of Pantrac lens wallwashers may be up to 1.5 times the offset from the wall (a).

Arrangement: $d \leq 1.5 \times a$

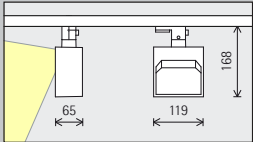
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

Karavaevi Brothers
Cafe – Bolshoy
Levshinskiy Pereu-
lok. Architecture
and lighting
design: V12 Archi-
tects / Vvgeniy
Shchetinkin,
Lleeza Semionova,
Moscow.



Pantrac for track 220-240V

Construction size 119mm



LED module
Maximum value
at 4000K CRI 92

12.1W/1723lm

Light colour

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

Light
distribution

	Lens wallwashers
	Wallwash

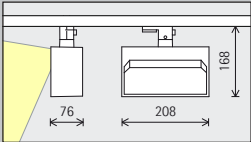
Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

Colour (housing)

	White		10,000 colours *
	Black		

208mm



24.3W/3446lm

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

	Lens wallwashers
	Wallwash

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		10,000 colours *
	Black		

* available on request

www.erco.com/pantrac





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