



## Light Board – An established archetype

**Light Board is a strong partner for virtually any lighting task**

Characteristic for Light Board is its striking design: the flat housing with sophisticated thermal management ensures a long service life. The innovative lighting technology with high visual comfort and easy adjustability is the ideal solution for lighting tasks in sales spaces and museums. Light Board offers luminous-flux packages suitable for accent lighting over long distances – even in high rooms – and for illuminating walls.

## Light Board for 2-circuit track



### 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 distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

#### 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 Housing and bracket

- White (RAL9002) or black
- Cast aluminum, powder-coated
- 0°-90° tilt
- Bracket on adapter rotatable through 360°
- Internal wiring
- Front cover: polymer, black

#### 4 Control gear

- Trailing edge dimmable+On-board Dim
- Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 5 ERCO turning adapter for 2-circuit track

#### Variants on request

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



Design and application:  
[www.erco.com/light-board](http://www.erco.com/light-board)

# Light Board for 2-circuit track



## Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.

## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

### Special characteristics



Large lumen packages for very high illuminances



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colors



Excellent thermal management



EMC-optimized



Various housing colors



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort

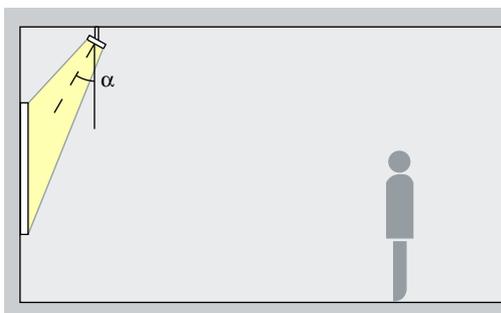


Trailing edge dimmable + On-board Dim

## Light Board for 2-circuit track – Luminaire arrangement

### Spotlights

Narrow spot, Spot, Flood

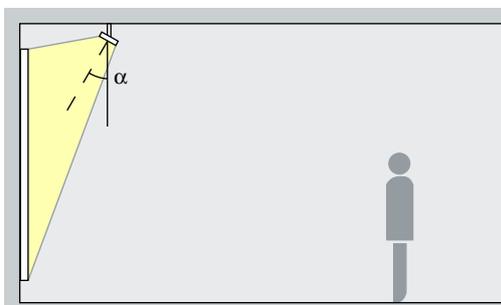


Light Board spotlights accentuate artwork, products and architectural details effectively. The ideal angle of tilt ( $\alpha$ ) for this is around  $30^\circ$ . The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement:  $\alpha = 30^\circ$

### Floodlights

Wide flood, Extra wide flood, Oval flood

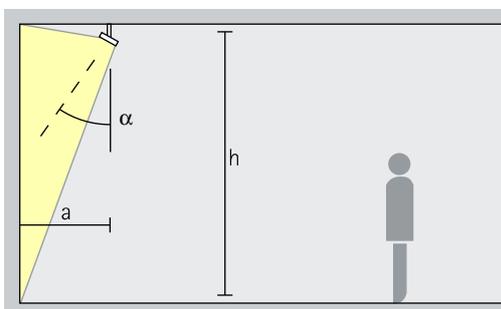


The ideal angle of tilt ( $\alpha$ ) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around  $30^\circ$ .

Arrangement:  $\alpha = 30^\circ$

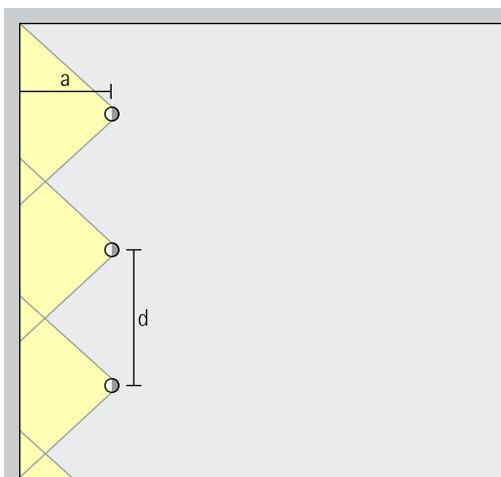
### Lens wallwashers

Wallwash



For uniform vertical illuminance, the distance ( $a$ ) of Light Board lens wallwashers from the wall should be around one third of the room height ( $h$ ). This results in an angle of tilt ( $\alpha$ ) of approx.  $35^\circ$ .

Arrangement:  $a = 1/3 \times h$  or  $\alpha = 35^\circ$



For good longitudinal uniformity, the spacing ( $d$ ) of Light Board lens wallwashers may be up to 1.2 times the offset from the wall ( $a$ ).

Arrangement:  $d \leq 1.2 \times a$

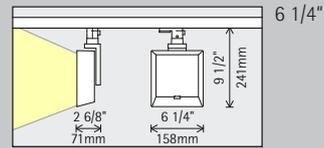
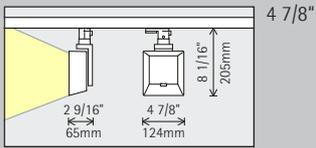
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

Museo de Arte  
Moderno de  
Buenos Aires,  
Buenos Aires.  
Architecture:  
Estudio M/SG/S/  
S/S + Arq. Matias  
Ragonese, Buenos  
Aires. Exhibition  
design: Equipo  
Museo Moderno.  
Lighting design:  
Francisco Meilan -  
GNBA Consultores.  
Photography:  
Edgar Zippel,  
Berlin.



# Light Board for 2-circuit track

Construction size



LED module  
Maximum value at 4000K CRI 92

12.1W/1723lm	4W/574lm (Narrow spot)
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24.3W/3446lm	12.1W/1723lm (Narrow spot)
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Light color

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

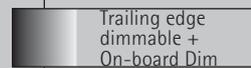
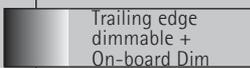
	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 92
	3000K CRI 97		

Light distribution

Spotlights		Floodlights	
	Narrow spot		Wide flood
	Spot		Extra wide flood
	Flood		Oval flood
		Lens wallwashers	
			Wallwash

Spotlights		Floodlights	
	Narrow spot		Wide flood
	Spot		Extra wide flood
	Flood		Oval flood
		Lens wallwashers	
			Wallwash

Control



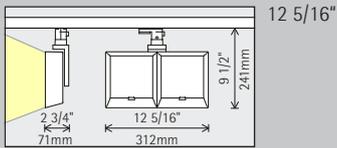
Color (housing)

	White		10,000 colors *
	Black		

	White		10,000 colors *
	Black		

Accessories

	Lenses
	Snoots



48.5W/6893lm	24.3W/3446lm (Narrow spot)
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	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 92
	3000K CRI 97		

Spotlights		Floodlights	
	Narrow spot		Wide flood
	Spot		Extra wide flood
	Flood		Oval flood
		Lens wallwashers	
			Wallwash

Trailing edge dimmable + On-board Dim

	White		10,000 colors *
	Black		

\* available on request



