



Lightgap – Emphasizing wall structures for a three-dimensional effect

Grazing light wallwashers accentuate surface texture on walls

Lightgap emphasizes the haptic impression of architectural materials by making even the finest structures of wood, concrete and rough surfaces such as natural stone clearly visible. This creates rich-contrast, structurally appealing effects with light and shadow. Lightgap generates an extremely uniform light beam even when positioned up to 4" (10cm) in front of the wall. The light can be comfortably swivelled in both directions up to an inclination angle of 10 degrees. Lightgap thus

offers striking texture effects and is also ideal for efficient room lighting, for example in restaurants and hotels.



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

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

- Aluminum profile
- Arrangement as continuous band of light possible
- Fixing clip: metal, black powder-coated

4 Control gear

- Switchable or 0-10V dimmable

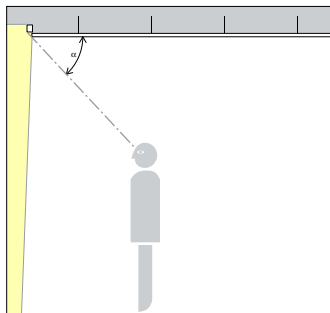
Variants on request

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



Design and application:
www.erco.com/lightgap

Lightgap Recessed luminaires



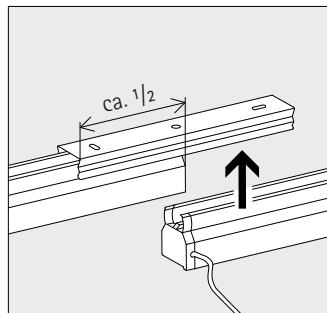
Very high visual comfort

Due to the small installation dimensions of Lightgap grazing light wallwashers, the luminaires remain concealed and thus support ideal visual comfort. The shielding angle (a) of Lightgap depends on the ceiling height.



Grazing light wallwasher

The especially narrow light distribution of the grazing light wallwashers at short distances from the wall displays relief surfaces in a high quality and uniform way.



Continuous line arrangements are possible

Lightgap luminaires can be mounted directly together to achieve a very uniform distribution of brightness on the wall.

Special characteristics



Excellent visual comfort



Grazing light wallwasher



Continuous line arrangements are possible



ERCO high-power LEDs



Efficient Spherolit technology



Different light colors



Excellent thermal management



EMC-optimized



Various construction sizes



Pivotable by $\pm 10^\circ$



Very good price performance ratio



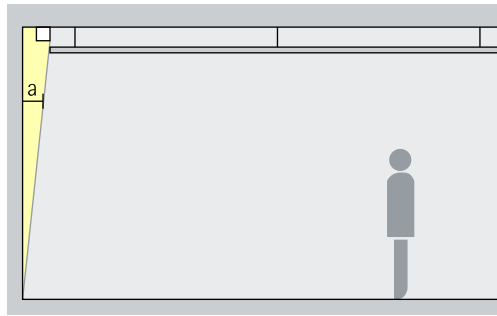
Switchable



0-10V dimmable

Lightgap Recessed luminaires – Luminaire arrangement

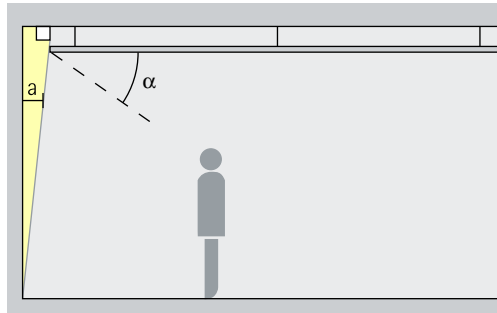
Grazing light wallwashers Grazing light



To allow surface textures to come to the foreground of attention, the distance (a) of Lightgap grazing light wallwashers from the wall should be at least 4".

Arrangement: $a > 4"$

Application: surfaces with a three-dimensional texture, e.g. natural stone walls in prestigious areas.



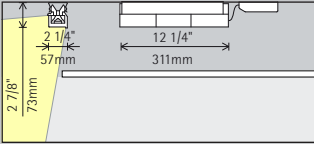
The shielding angle (α) depends on the position of the suspended ceiling and the size of the cove lighting. A small opening between wall and dry construction narrows the beam on the ground.

Glass brick facade,
44 Market, Sydney.
Architecture:
Woods Bagot.
Photography:
Jackie Chan,
Sydney.



Lightgap Recessed luminaires

Construction size



12 1/4"

LED module

Maximum value at 4000K CRI 92

6.1W/862lm

Light color

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

Light distribution

Grazing light wallwashers

Grazing light

Control

 Switchable

0-10V 0-10V

Color (housing)

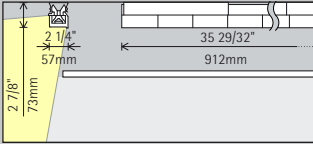


White



10,000 colors *

Construction size



35 29/32"

LED module

Maximum value at 4000K CRI 92

18.2W/2585lm

Light color

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

Light distribution

Grazing light wallwashers

Grazing light

Control

 Switchable

0-10V 0-10V

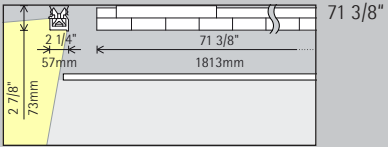
Color (housing)



White



10,000 colors *



36.4W/5170lm

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

Grazing light
wallwashers



Grazing light



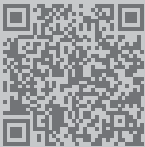
Switchable

0-10V

0-10V

	White
	10,000 colors *

* available on request





Buckford Illumi-
nation Group,
Melbourne.
Architecture and
lighting design:
Buckford Illumi-
nation Group.
Photography:
Jackie Chan, Syd-
ney.