



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

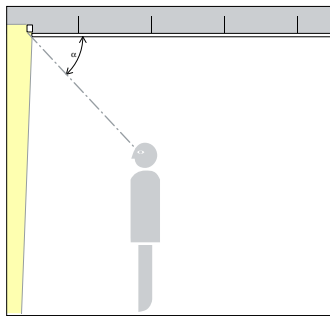
Variants on request

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



Design and application:
www.erco.com/lightgap

Lightgap Recessed luminaires



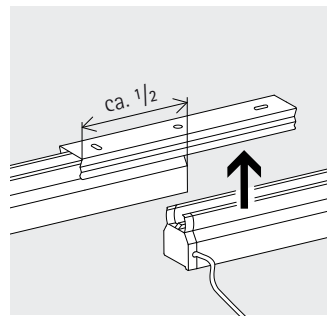
Very high visual comfort

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



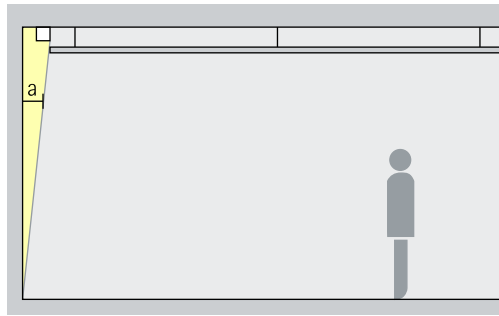
Switchable



0-10V dimmable

Lightgap Recessed luminaires – Luminaire arrangement

Grazing light wallwashers Grazing light

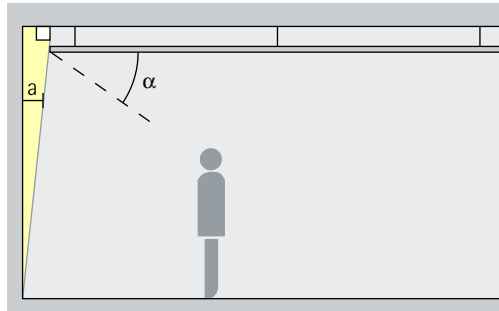


Wallwashing

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.

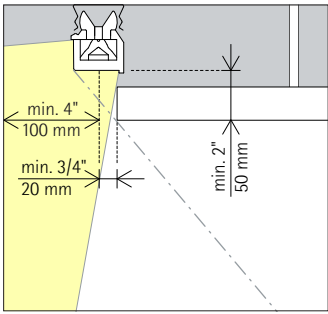
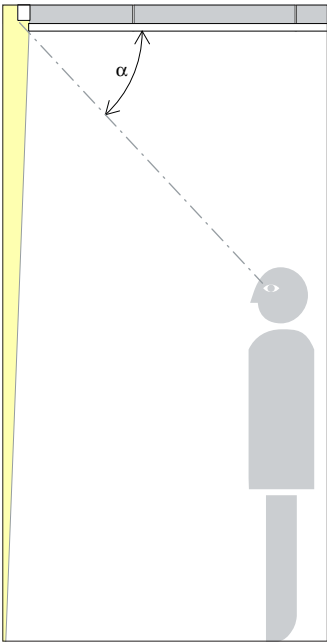


The shielding angle (α) depends on the position of the suspended ceiling and the size of the cove lighting. A small opening between wall and dry construction narrows the beam on the ground.

Lightgap Mounting notes

Grazing light wallwashers accentuate surface texture on walls

Lightgap emphasizes the tactile qualities of architectural materials. The grazing light wallwasher brings out the finest wood or concrete texture as exquisitely as rough surfaces such as natural stone, thereby enabling the luminaire to emphasize historic features or regional materials. In contrast to conventional wallwashers, which give walls a soft character, Lightgap adds an almost tactile dimension through high-contrast light and shadow effects. With its asymmetrical light distribution, the grazing light wallwasher can be positioned up to 4" close to the wall and still produce an exceptionally uniform beam. The luminaire can be tilted conveniently by up to 10° in both directions. The resulting special rendering of vertical illuminance combines strikingly illuminated texture for scenic effects with efficient room lighting for places such as restaurants and hotels.



Dry construction defines light effect

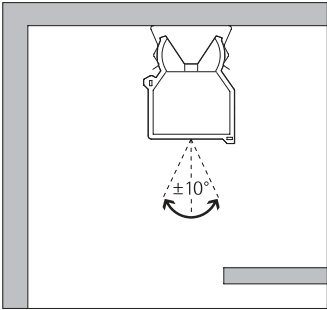
The dry construction detail of the suspended ceiling is used to manipulate the emission angle of grazing light wallwashers.

A small opening between wall and dry construction narrows the beam on the ground.

Excellent visual comfort

The shallow recess depth of the Lightgap grazing light wallwasher keeps the luminaire concealed to ensure excellent visual comfort.

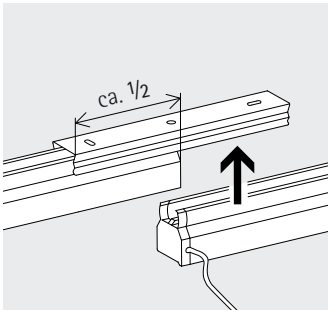
The shielding angle (α) depends on the position of the suspended ceiling and the size of the cove lighting.



Tiltable by 10°
After installation, Lightgap can be tilted by +/- 10° within the mounting profile to optimize the light distribution along the wall.

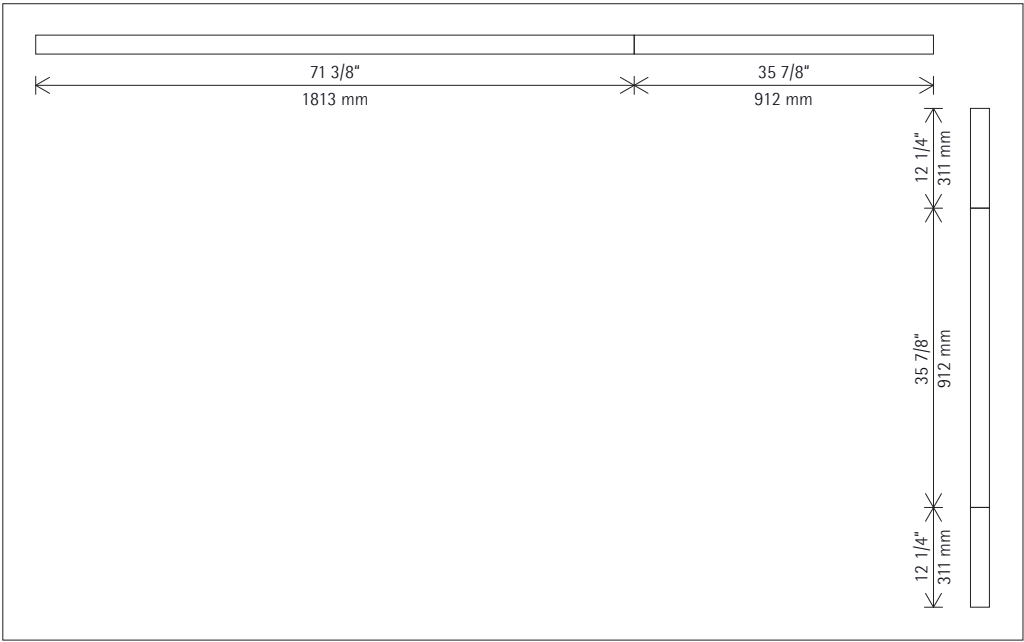
Grazing light wallwashers

The very narrow light distribution of the grazing light wallwashers positioned close to the wall uniformly illuminates relief-like surfaces, making elegant materials highly visible.



Continuous line installation

The Lightgap luminaires can be installed in a continuous line to achieve maximized and uniform illuminance distribution on the wall.



System design

The Lightgap lighting system is available in three lengths for different room layouts. When arranged end to end in a continuous row, the individual luminaires create an elegant and uniform band of light along the wall.

Lightgap Recessed luminaires

Construction size

12 1/4"

LED module

Maximum value at 4000K CRI 82

6.1W/786lm

Light color

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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 82

18.2W/2358lm

Light color

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution

Grazing light wallwashers

Grazing light

Control

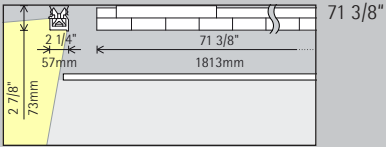
Switchable

0-10V 0-10V

Color (housing)

White

10,000 colors *



36.4W/4716lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Grazing light
wallwashers

Grazing light



Switchable

0-10V

0-10V

White

10,000 colors *

* available on request

Article numbers and planning data:
www.erco.com/015203-us

Design and application:
www.erco.com/lightgap





The foyer of
565 Bourke
Street, Melbourne.
Architecture:
ADP Consulting.
Lighting design:
Buckford Illumi-
nation Group.
Photography:
Jackie Chan.