



## Focalflood – Grazing light to perfection

### **Emphasising façade surfaces with white light**

Grazing light delivers incredibly effective illumination of building surfaces and emphasises details through high-contrast shadows – such superb results are achieved with Focalflood façade luminaires. Optimised for grazing light, their lens system enables wide luminaire spacing, still producing excellent uniformity on the façade. The luminaire is easily oriented and smoothly adjusted to further optimise its grazing light. The Focalflood façade luminaire offers a highly precise, narrow light dis-

tribution over the whole wall to minimise spill light. Focalflood façade luminaires thus provide a creative basis for transforming façades into an eye-catching feature, washlit with magic grazing light.



## 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 LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 2 ERCO reflector

- Asymmetrical reflector lens system: aluminium, silver anodised
- No direct light components due to optimised LED shielding

### 3 Front unit

- Graphit m
- Corrosion-resistant aluminium, No-Rinse surface treatment
- Double powder-coated
- Softec lens

### 4 Housing

- Graphit m
- Corrosion-resistant aluminium profile, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Screw-fastened end plates: corrosion-resistant cast aluminium
- 2 freely positionable mounting brackets: corrosion-resistant aluminium
- 135° tilt
- Connection cable 3x1mm<sup>2</sup>, L 1.5m

### 5 Control gear

- Switchable or DALI dimmable

### Protection mode IP65

Dust-tight and water jet-proof

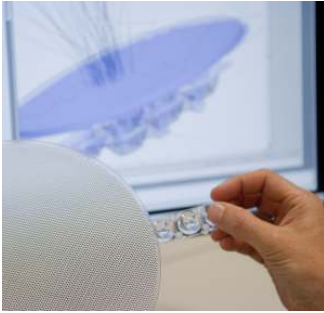
### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/focalflood](http://www.erco.com/focalflood)

# Focalflood Façade luminaires





**Highly efficient lighting technology**  
 ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



**Grazing light**  
 The wide light distribution along facades and soft gradient ensure very good uniformity when mounted in a row. The luminaire can be tilted individually and has a very narrow beam angle towards the wall to prevent spill light and enable sustainable lighting solutions meeting Dark Sky requirements.

**Special characteristics**

-  High-efficiency lighting technology
-  Grazing light wallwasher



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Pivotable through 135°



Protection mode IP65



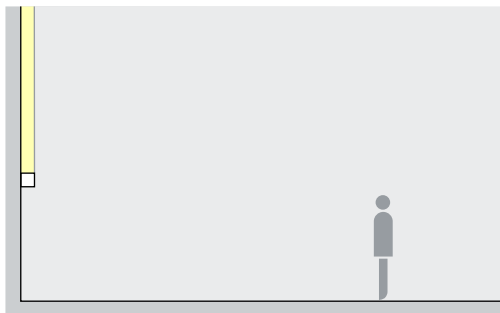
Switchable



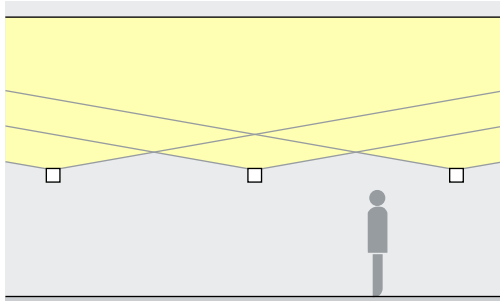
DALI dimmable

## Focalflood Façade luminaires – Luminaire arrangement

Façade luminaires  
Grazing light



**Accentuation**  
Focalflood façade luminaires allow surface textures to come to the foreground of attention. The luminaire should be mounted at a height that restricts the view into the luminaire from above.  
Application area: Surfaces with a three-dimensional texture, e.g. natural stone walls.



For good longitudinal uniformity, the spacing (d) of two Focalflood façade luminaires may be up to 1m.

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



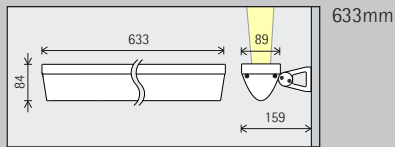
Engelbrektsväg  
Tunnel, Stockholm.  
Photography:  
Johan Elm, Stock-  
holm.

Norrköpings  
Konstmuseum,  
Norrköping.  
Lighting design:  
InWhite Ljussmiljö  
AB, Norrköping.  
Photography:  
Johan Elm, Stock-  
holm.



# Focalflood Façade luminaires

## Construction size



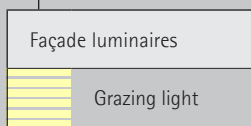
## LED module Maximum value at 4000K CRI 82

20.2W/2693lm

## Light colour

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

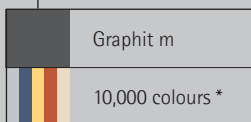
## Light distribution



## Control



## Colour (housing)





Norrköpings Konstmuseum, Norrköping. Lighting design: InWhite Ljuskonst AB, Norrköping. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/012959](http://www.erco.com/012959)

Design and application:  
[www.erco.com/focalflood](http://www.erco.com/focalflood)





Oriocenter,  
Bergamo.  
Architecture:  
De8 Architetti.  
Lighting design:  
Studio Scandella.  
Photography:  
Edgar Zippel,  
Berlin.