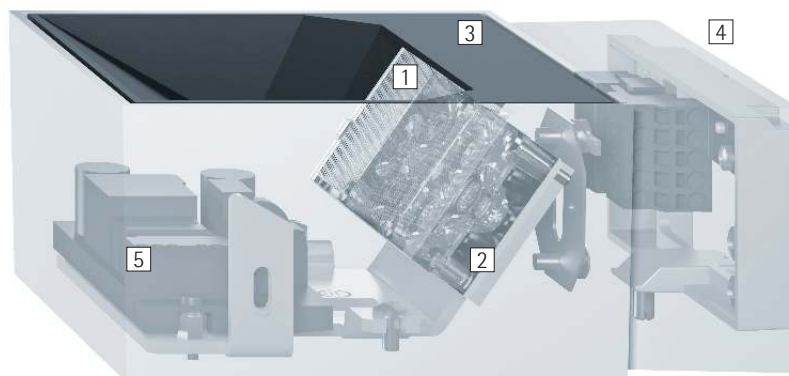




## Pantrac – Lighting effects for ceilings

**This ceiling washlight makes the task of creating uniform uplighting incredibly easy**  
Pantrac wall-mounted luminaires focus on adding lighting effects to ceilings. The luminaires bring out the support structure and lend rooms a higher appearance. Ceilings decorated with stucco and paintings are given a new dimension. Pantrac blends into its architectural surroundings. The archetypal cubic design remains unobtrusive letting the luminaire recede into the background. The luminaire is available in different sizes with a range of light

distribution patterns. This ensures optimum illumination of the ceiling with a minimum number of luminaires. In this way, Pantrac represents not only an effective, but also a cost-efficient, lighting solution.



### 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: wide beam or deep beam

#### 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 Cover frame

- Polymer, black lacquered

#### 4 Housing and wall plate

- White (RAL9002)
- Cast aluminium, powder-coated

#### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

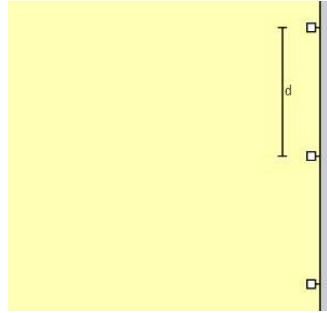
#### Variants on request

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



Design and application:  
[www.erco.com/pantrac-w](http://www.erco.com/pantrac-w)

# Pantrac Wall-mounted luminaires







**Outstanding uniformity**  
To meet the stringent standards of ceiling washing, ERCO has developed luminaires that generate exceptionally uniform levels of illuminance.

**Wide or deep beam distribution**  
The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.


**Wide luminaire spacing with ceiling washlighting**  
ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.


**Special characteristics**


-  Different light distributions: wide or deep
-  Outstanding uniformity
-  Wide luminaire spacing with ceiling washlighting


 ERCO high-power LEDs


 Efficient Spherolit technology


 Different light colours


 Excellent thermal management

 EMC-optimised

 Various construction sizes

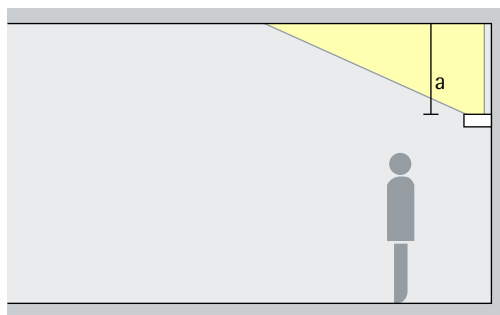
 Switchable

 Phase dimmable

 DALI dimmable

## Pantrac Wall-mounted luminaires – Luminaire arrangement

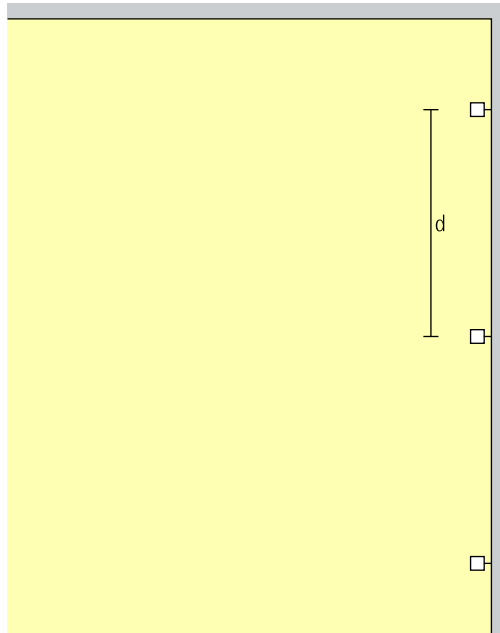
Ceiling washlights  
Wide beam, Deep beam



### General lighting

Illuminated ceilings produce a high and spacious impression of the room. The distance of Pantrac to the ceiling depends on the design criteria, but should not be less than 0.8m. In rooms with a ceiling height of 3m, this corresponds roughly to the height of the door frame.

Arrangement:  $a > 0.8\text{m}$

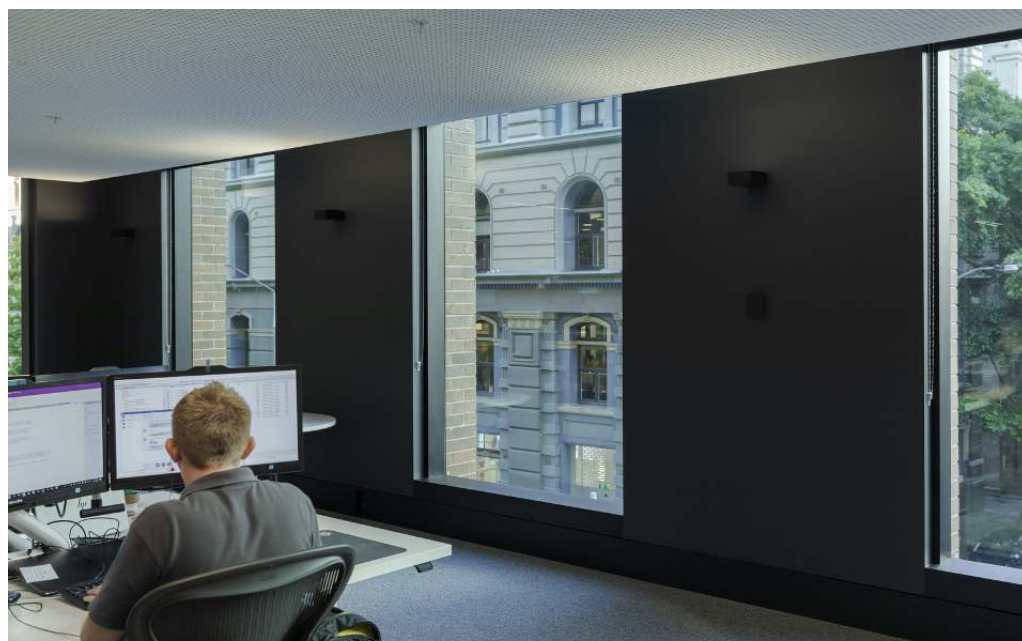


The distance (d) of luminaires with wide beam light distribution may be up to 4 times the ceiling offset (a).

Arrangement:  $d = 4 \times a$

The distance (d) of luminaires with deep beam light distribution may be up to 3 times the ceiling offset (a).

Arrangement:  $d = 3 \times a$



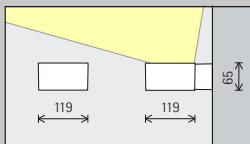
Arup, Sydney.  
Lighting design:  
Arup. Photograph:  
Jackie Chan,  
Sydney.

Buckford Illumination Group, Melbourne. Architecture and lighting design: Buckford Illumination Group. Photography: Jackie Chan, Sydney.



# Pantrac Wall-mounted luminaires

Construction size 119mm



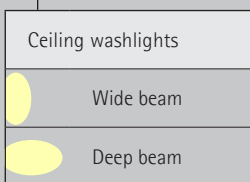
LED module  
Maximum value  
at 4000K CRI 82

12.1W/1572lm

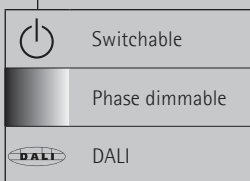
Light colour

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

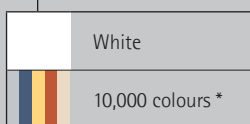
Light distribution



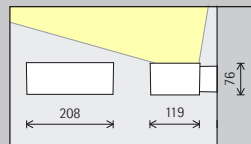
Control



Colour (housing)

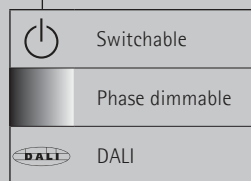
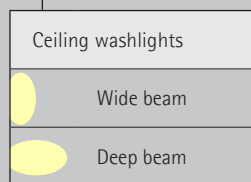


208mm



24.3W/3144lm

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





\* available on request

Article numbers and planning data:  
[www.erco.com/014692](http://www.erco.com/014692)

Design and application:  
[www.erco.com/pantrac-w](http://www.erco.com/pantrac-w)





Parish church,  
Lotte. Photogra-  
phy: Dirk Vogel,  
Altena.