

## Jilly square – The versatile light for modern work

### **An independent design for efficient and ergonomic light in offices**

With Jilly recessed luminaires, the Jilly range offers a particularly efficient solution for standard-compliant office workplace lighting. The concise appearance with striking anti-dazzle louvre make Jilly a design statement that stands out from conventional office luminaires. Jilly's lighting technology combines a highly efficient lens system with an anti-dazzle louvre for visual comfort and luminous efficacy at the same high level. The wattage and light distribution

enable wide luminaire spacing for economical lighting concepts that comply to standards. With Jilly recessed luminaires, lighting designers choose between two square sizes and a linear luminaire. The format and luminous flux can thus be adapted to the room situation. Many well thought-out details facilitate the recessed mounting and make installation simple, efficient and safe.



## 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 lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

### 2 ERCO LED-module

- Mid-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

### 4 Housing

- Polymer, white
- Size 14: mounting for ceiling thicknesses of 1-45mm. Covered mounting detail

### 5 Mounting frame (size 5)

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 6 Control gear

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

### Variants on request

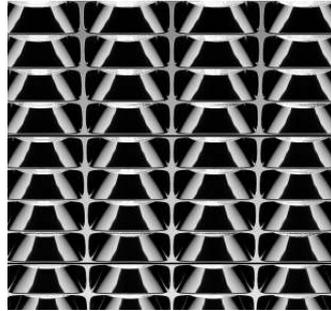
- Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
- Housing: 10,000 further colours
- Cassette for system ceilings, e.g. 600x600

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-square](http://www.erco.com/jilly-square)

# Jilly square Recessed luminaires



**Suitable for office workstations**  
 ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

**Louvres for efficient visual comfort**  
 A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.

**Shallow recess depth**  
 For compact mounting situations, ERCO has developed luminaires with a shallow recess depth to provide excellent light quality in areas with limited installation space.

Special characteristics	
	For office workstation lighting from UGR 14.5
	Improved visual comfort
	Shallow recess depth

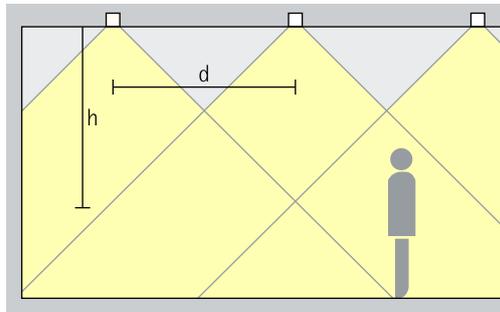
	ERCO mid-power LEDs
	Efficient lens system
	Different light colours

	Excellent thermal management
	EMC-optimised
	Various construction sizes
	Tool-free mounting

	Switchable
	Phase dimmable
	DALI dimmable
	Casambi Bluetooth

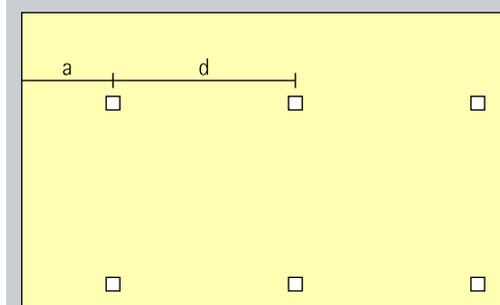
# Jilly square Recessed luminaires – Luminaire arrangement

**Downlights**  
Extra wide flood



**General lighting**  
For the uniform illumination of office workplaces, the luminaire spacing (d) between two Jilly downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

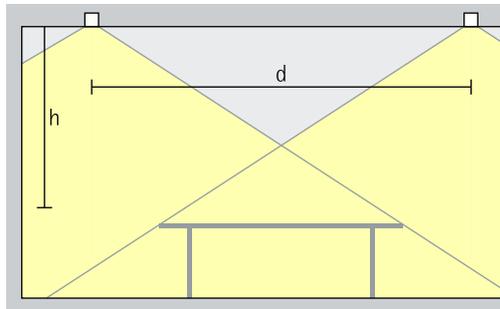
Arrangement:  $d \leq 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement:  $a = d / 2$

**Downlights oval wide flood**  
Oval wide flood



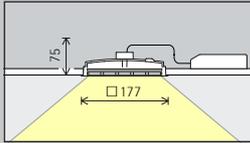
**General lighting**  
To achieve high uniformity and good facial recognition when illuminating office workplaces, the luminaire spacing of Jilly downlights with oval wide flood light distribution (d) can be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement:  $d \leq 1.5 \times h$

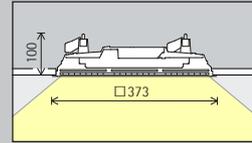


# Jilly square Recessed luminaires

Construction size



Size 5



Size 14

LED module  
Maximum value at 4000K CRI 82

10W/1535lm

36W/6735lm

Light colour

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

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

Light distribution

Downlights	Downlights oval wide flood
Extra wide flood	Oval wide flood

Downlights
Extra wide flood

Control

Switchable	DALI
Phase dimmable	Casambi Bluetooth

Switchable	DALI
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Colour (louvre)

	Silver
	Black

	Silver
	Black

Accessories

	Reinforcing profile		Mounting frame
	Concrete mounting enclosure		Mounting plate for panelled ceilings
	Spacer plate		Cover frame



Article numbers and planning data:  
[www.erco.com/017875](http://www.erco.com/017875)

Design and application:  
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