



## Starpoint – Filigree and efficient

### **Recessed luminaires for sales-rooms, hotels, restaurants and homes**

Integrated unobtrusively as a filigree light source into the ceiling, the downlight of the Starpoint range provides efficient ambient lighting. Using the wide light distribution, it illuminates large areas, whereas the oval version marks out pathways. The shallow recess depth of the luminaire makes for a very discreet appearance that proves an optimal fit in the home. The lumen package of Starpoint downlights lends itself particularly for use in hotel rooms or homes. With

covered or flush mounting detail, the luminaire caters to different design solutions..



## 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: wide flood, extra wide flood or oval flood

### 2 ERCO LED-module

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

### 3 Anti-glare cone

- Optical cut-off 30°
- Polymer, black

### 4 Housing

- Cast aluminium, powder-coated, designed as heat sink
- Covered mounting detail: Fixing springs for ceiling thicknesses of 1-25mm. Mounting ring, cast aluminium, white
- Flush mounting detail: mounting for ceiling thicknesses of 12.5-25mm. Mounting ring: polymer, white

### 5 Control gear

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

### Variants on request

- Light colours: 2700K or 4000K with CRI 90
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Ceiling channel system
- Please contact your ERCO consultant.



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

# Starpoint 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.



**Small luminaire dimensions**  
 Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.



**Covered or flush mounting detail**  
 Depending on the mounting ring, either a flush or overlapping mounting detail is created.



**Shallow recess depth**  
 In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

Special characteristics	
UGR	For office workstation lighting from UGR 8.4
	Small luminaire dimensions
	Flush or covered mounting detail
	Shallow recess depth

	ERCO high-power LEDs
	Efficient lens system
	Optical cut-off 30°
	Different light colours

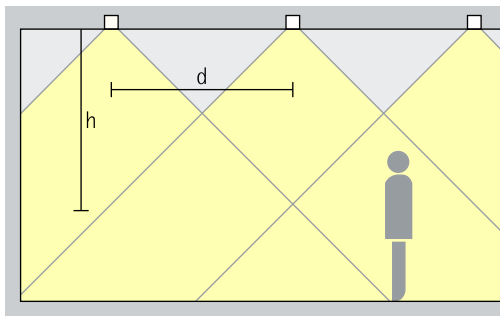
	Excellent thermal management
	EMC-optimised
	Tool-free mounting

	Switchable
	Phase dimmable
	DALI dimmable
	Casambi Bluetooth

# Starpoint Recessed luminaires – Luminaire arrangement

## Downlights

Wide flood, Extra wide flood

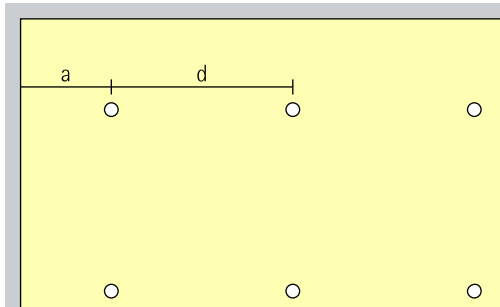


## General lighting

For uniform ambient lighting, the spacing (d) between two Starpoint downlights may be up to approximately 1.25 times the height (h) of the luminaire above the working plane.

Arrangement:  $d \leq 1.25 \times h$

Application: rooms with low ceilings, e.g. lobbies or medical practices.

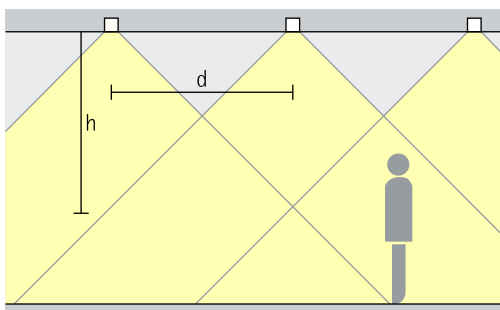


The wall offset should be half the luminaire spacing.

Arrangement:  $a = d / 2$

## Downlights oval flood

Oval flood

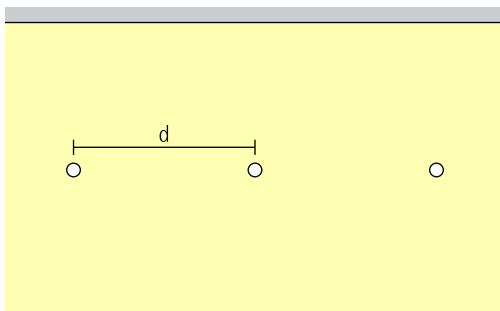


## Linear lighting

For uniform lighting with luminaires arranged in a line, the spacing (d) between two Starpoint downlights may be up to approximately 1.5 times the height (h) of the luminaire above the working plane.

Arrangement:  $d \leq 1.5 \times h$

Application: halls and corridors as well as above tables.

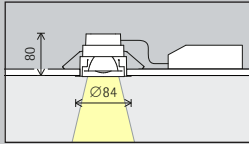


With compact dimensions, Star-point downlights achieve uniform ambient lighting for a harmonious, low-key ceiling design.



# Starpoint Recessed luminaires

## Construction size



Size 2

## LED module Maximum value at 4000K CRI 80

8W/830lm

## Light colour

	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *

## Light distribution

Downlights		Downlights oval flood	
	Wide flood		Oval flood
	Extra wide flood		

## Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

## Accessories

	Concrete mounting enclosure		Compensation set
	Mounting plate for panelled ceilings		Cover ring



Daelim Acro Model House, Seoul.  
Photographer:  
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\* available on request

Article numbers and planning data:  
[www.erco.com/015214](http://www.erco.com/015214)

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





