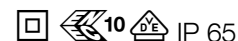


**BEGA****24 250**

Recessed ceiling downlight



Project · Reference number

Date

## Product data sheet

### Application

LED recessed ceiling downlight with external DALI controllable power supply unit for installation into concrete ceilings or suspended ceilings both indoors and out. With symmetrical wide beam light distribution.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Cover ring aluminium alloy  
 Clear safety glass  
 Optical silicone lens · BEGA Hybrid Optics®  
 Reflector surface made of pure aluminium  
 Luminaire housing with 2 fixing claws and guide screws  
 Recessed opening  $\varnothing$  97 mm  
 Recessed depth required 120 mm  
 The external connection housing is made of glass fibre reinforced synthetic material (polyamide)  
 220-240 V  $\sim$  0/50-60 Hz  
 2 screw cable glands with strain relief for through-wiring power connecting cable  $\varnothing$  4–10 mm, max. 5 x 1.5<sup>□</sup>  
 Connecting terminals 2.5<sup>□</sup>  
 0,7 m connection cable with plug between the luminaire and the power supply unit  
 Safety class II   
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.75 kg

### Lamp

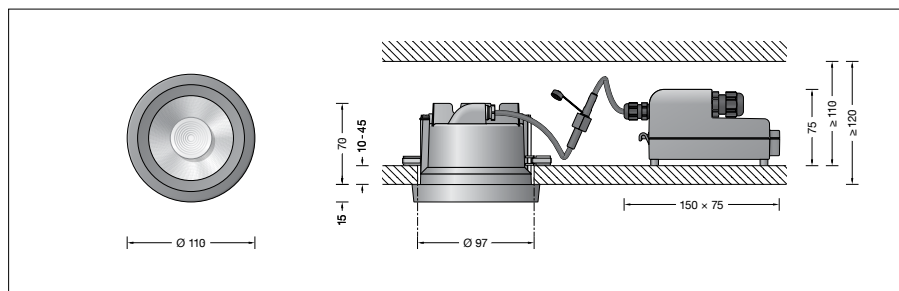
Module connected wattage	6 W
Luminaire connected wattage	7.1 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 45^\circ\text{C}$

### 24 250 K3

Module designation	LED-0986/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1030 lm
Luminaire luminous flux	788 lm
Luminaire luminous efficiency	111 lm/W

### 24 250 K4

Module designation	LED-0986/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1055 lm
Luminaire luminous flux	807 lm
Luminaire luminous efficiency	113,7 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50)
Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	140,000h (L80B50)

### Inrush current

Inrush current: 4 A / 30  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	50 luminaires
B 16A:	50 luminaires
C 10A:	50 luminaires
C 16A:	50 luminaires

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LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

Colour optionally graphite or white  
 Graphite – Article number  
 White – Article number + **W**

### Accessories

**10 440** Installation housing

A separate instructions for use can be provided upon request.

### Light distribution

