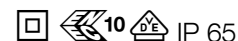


**BEGA****24 381**

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 narrow 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  $\sphericalangle$  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  
BEGA Thermal Control®  
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
Safety class II   
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK07  
Protection against mechanical impacts < 2 joule  
 - Safety mark  
**CE** - Conformity mark  
Weight: 0.8 kg

### Lamp

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

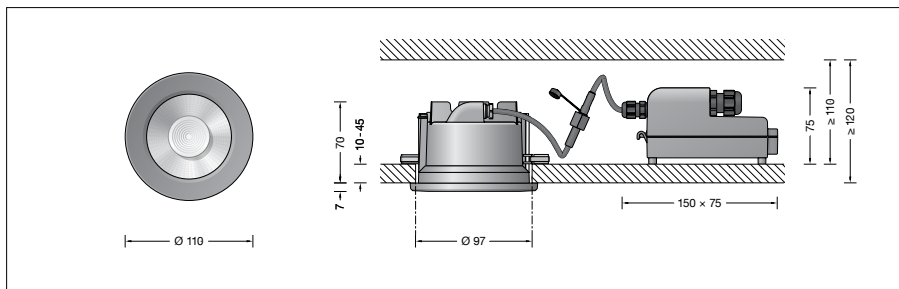
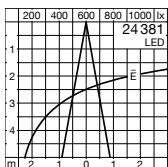
### 24 381 K3

Module designation	LED-0986/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1030 lm
Luminaire luminous flux	793 lm
Luminaire luminous efficiency	111,7 lm/W

### 24 381 K4

Module designation	LED-0986/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1055 lm
Luminaire luminous flux	812 lm
Luminaire luminous efficiency	114,4 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
LED psu: > 50,000h  
LED module: > 200,000h (L80B50)

Ambient temperature  $t_{a\text{ max}} = 50\text{ °C}$  (100 %)  
LED psu: 50,000h  
LED module: 140,000h (L80B50)

### Lighting technology

Half beam angle 16°  
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

### Inrush current

Inrush current: 4 A / 30  $\mu$ 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

### Article No. 24 381

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.