

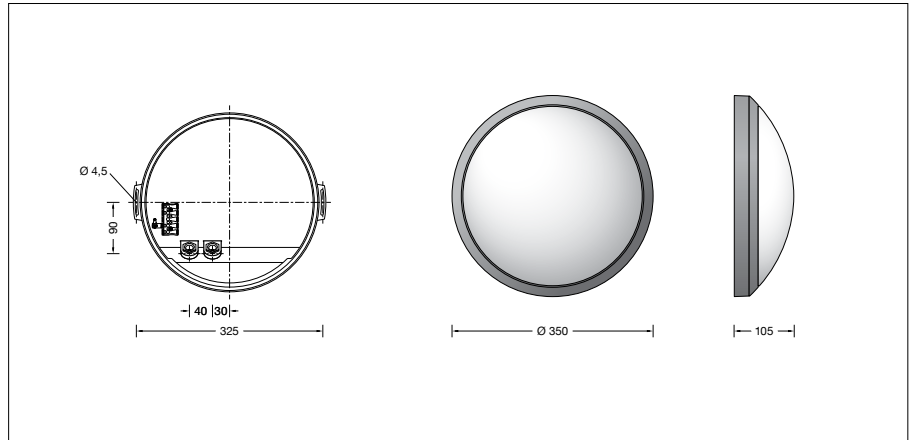
**BEGA****24 165**

Ceiling and wall luminaire



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Crystal glass, white inside  
 2 mounting holes  $\varnothing$  4.5 mm  
 Distance apart 325 mm  
 2 screw cable glands with strain relief for through-wiring power connecting cable  $\varnothing$  7–12 mm  
 1 screw cable gland closed at the factory with a dummy plug  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 170-280 V  
 DALI-controllable  
 Number of DALI addresses: 1  
 Basic insulation is provided between the mains and control cables  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 Safety class I  
 ⚡ Ballproof – The testing of ball impact safety was carried out exclusively with handballs in accordance with DIN 18032-3: 2018-11.  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK10  
 Protection against mechanical impacts < 20 joule  
 ⚡ – Safety mark  
 CE – Conformity mark  
 Weight: 4.6 kg  
 This product contains light sources of energy efficiency class(es) C, D

### Application

Unshielded ceiling and wall luminaire with high protection class.  
 A luminaire made of aluminium alloy and crystal glass.

### Lamp

Module connected wattage	23.9 W
Luminaire connected wattage	27.2 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 35\text{ °C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 165 K3

Module designation	LED-0993/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3975 lm
Luminaire luminous flux	2651 lm
Luminaire luminous efficiency	97,5 lm/W

### 24 165 K4

Module designation	LED-0993/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4180 lm
Luminaire luminous flux	2788 lm
Luminaire luminous efficiency	102,5 lm/W

### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	155,000 h (L80 B50)

Ambient temperature max. $t_a = 35\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	140,000 h (L80 B50)

### Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Inrush current

Inrush current: 5 A / 50  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 31 luminaires  
 B 16A: 50 luminaires  
 C 10A: 52 luminaires  
 C 16A: 85 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	3,6 %
Luminous flux lower half-space	96,4 %

BUG rating according to IES TM-15-07:  
 1–2–1  
 CEN Flux Code according to EN 13032-2:  
 43–73–91–96–100–0–1–15–4

### Article No. 24 165

LED colour temperature optionally 3000K or 4000K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**  
 Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

### Light distribution

