

**BEGA****24 165**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded LED ceiling and wall luminaire with high protection class.  
A luminaire made of die cast aluminium and with an impact resistant crystal glass.

### 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  
A basic isolation exists between power cable and control line  
BEGA Thermal Switch®  
Temporary thermal shutdown to protect temperature-sensitive components  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
 – Safety mark  
**CE** – Conformity mark  
Weight: 4.6 kg

### Lamp

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

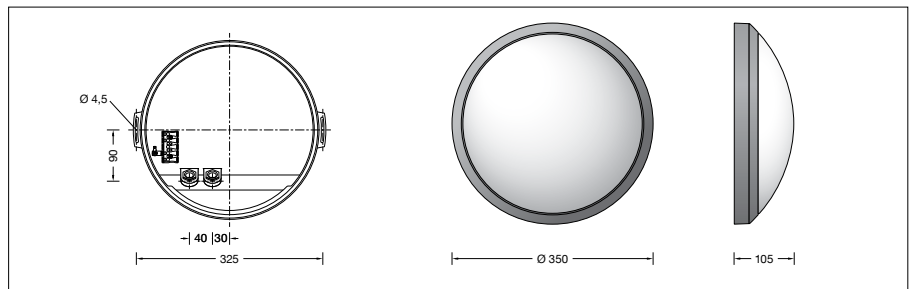
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 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 (L80B50)
Ambient temperature $t_{a\text{ max}} = 35\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	140,000 h (L80B50)

### 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

### Article No. 24 165

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

Colour graphite or silver  
graphite – article number  
silver – article number + **A**

### Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### Light distribution

