

**BEGA****22 450**

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  
 Crystal glass with optical structure  
 2 mounting holes  $\varnothing$  6 mm  
 Distance apart 65 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10,5 mm  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 Safety class I  
 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: 1.3 kg

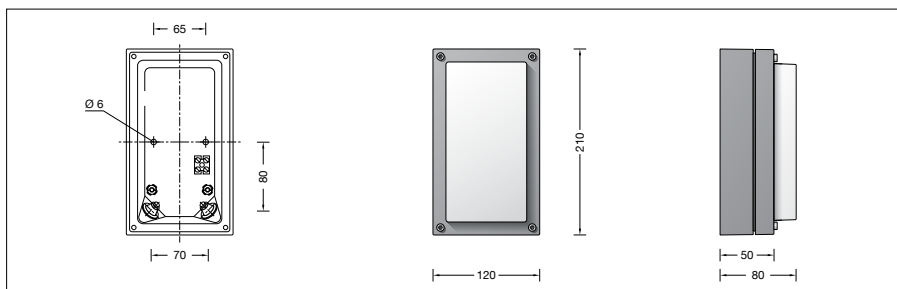
### Inrush current

Inrush current: 7 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 38 luminaires  
 B16A: 61 luminaires  
 C10A: 64 luminaires  
 C16A: 102 luminaires

### Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.9 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 45$ °C

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



### 22 450 K3

Module designation	LED-0263/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	755 lm
Luminaire luminous flux	411 lm
Luminaire luminous efficiency	83,9 lm/W

### 22 450 K4

Module designation	LED-0263/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	780 lm
Luminaire luminous flux	425 lm
Luminaire luminous efficiency	86,7 lm/W

### Service life · Ambient temperature

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) > 100,000 h (L90 B50)

Ambient temperature $t_a = 45$ °C	
LED psu:	50,000 h
LED module:	187,000 h (L80 B50) 100,000 h (L90 B50)

### 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).

### Article No. 22 450

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

### Light distribution

