

**BEGA****22 663**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

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

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
BEGA Unidure® coating technology  
Crystal glass, white inside  
2 mounting holes  $\varnothing$  4.3 mm  
Distance apart 115 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
BEGA Thermal Control®  
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK05  
Protection against mechanical impacts < 0.7 joule  
 – Safety mark  
 – Conformity mark  
Weight: 1.3 kg  
This product contains light sources of energy efficiency class(es) C

### 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).

### Lamp

Module connected wattage	2.9 W
Luminaire connected wattage	3.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ °C}$

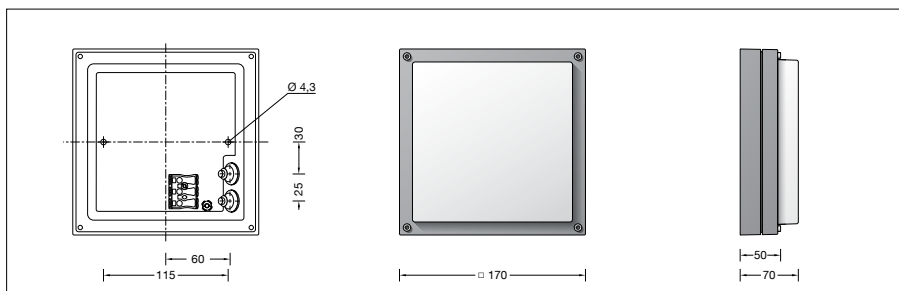
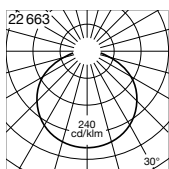
### 22 663 K3

Module designation	LED-0280/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	565 lm
Luminaire luminous flux	267 lm
Luminaire luminous efficiency	70,3 lm/W

### 22 663 K4

Module designation	LED-0280/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	274 lm
Luminaire luminous efficiency	72,1 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	200,000 h (L 80 B 50) 100,000 h (L 90 B 50)
Ambient temperature max. $t_a = 60\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

### Inrush current

Inrush current: 5 A / 40  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	50 luminaires
B 16A:	50 luminaires
C 10A:	80 luminaires
C 16A:	80 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	6 %
Luminous flux lower half-space	94 %

BUG rating according to IES TM-15-07:  
0-1-0  
CEN Flux Code according to EN 13032-2:  
42-73-92-94-100-0-8-47-6

### Article No. 22 663

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