

BEGA**12 165.1**

Ceiling and wall luminaire for indoor use

IP 44

Project · Reference number

Date

Product data sheet**Application**

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required.

Product description

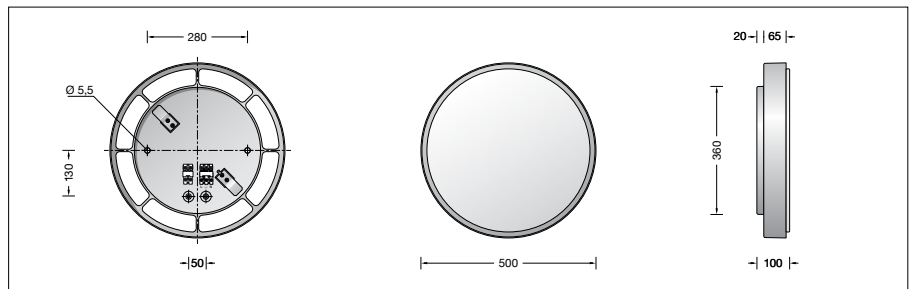
Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with sliding-bolt closure
2 fixing holes \varnothing 5.5 mm
280 mm spacing
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. $5 \times 1.5^{\square}$
Connecting terminal 2.5^{\square}
with plug connection
Earth conductor connection
2-pole connecting terminal for
digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
Protection class IP 44
Protected against granular foreign bodies
> 1 mm and splash water
CE – Conformity mark
Weight: 6.0 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 9 luminaires
B 16A: 15 luminaires
C 10A: 16 luminaires
C 16A: 25 luminaires

Lamp

Module connected wattage	37.8 W
Luminaire connected wattage	43.5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^{\circ}\text{C}$

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Module designation	LED-0531/830
Colour temperature	3000 K
Colour rendering index	$R_a > 90$
Module luminous flux	5225 lm
Luminaire luminous flux	3521 lm
Luminaire luminous efficiency	80,9 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^{\circ}\text{C}$
 – at 50,000 h: L90 B10
 – at 356,000 h: L70 B50
 Ambient temperature $t_a = 25^{\circ}\text{C}$
 – at 50,000 h: L80 B10
 – at 192,000 h: L70 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.

Article No. 12 165.1

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

Finish options

- Enamel, white Code number **.1**
- Enamel, white aluminium Code number **.2**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.

12 165.1 K4

Module designation	LED-0531/840
Colour temperature	4000 K
Colour rendering index	$R_a > 90$
Module luminous flux	5225 lm
Luminaire luminous flux	3521 lm
Luminaire luminous efficiency	80,9 lm/W

max. ambient temperature $t_a = 45^{\circ}\text{C}$
 – at 50,000 h: L70 B50
 – at 62,000 h: L70 B50