

BEGA**24 084**

Recessed wall luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

Recessed wall luminaires made of cast bronze.
Shielded LED luminaire for glare-free illumination of surfaces from low mounting height.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire cover made of cast bronze
Luminaire housing made of stainless steel
Steel grade number 1.4301
Safety glass with optical structure
Silicone gasket
Ceiling aperture \varnothing 180 mm
Recessed depth required 125 mm
Fixing is achieved by using two adjustable wedge-shaped claws
2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5G 1.5[□]
Connecting terminal and earth conductor terminal 2.5[□]
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
CE – Conformity mark
Weight: 3.0 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 30 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 80 luminaires

Lamp

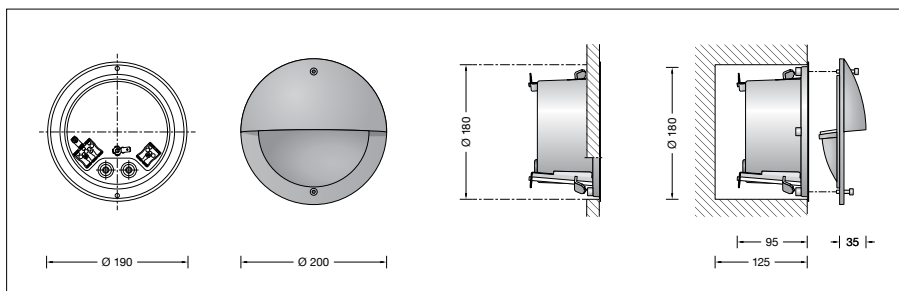
Module connected wattage	7.7 W
Luminaire connected wattage	10 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 30$ °C

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Module designation	LED-0269/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1455 lm
Luminaire luminous flux	539 lm
Luminaire luminous efficiency	53,9 lm/W

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Module designation	LED-0269/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1490 lm
Luminaire luminous flux	552 lm
Luminaire luminous efficiency	55,2 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C
– at 50,000h: L90B10
– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C
– at 50,000h: L90B10
– at 386,000h: L70B50

max. ambient temperature $t_a = 30$ °C
– at 50,000h: L80B10
– at 282,000h: L70B50

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

Accessories

10 429 Installation housing

A separate instructions for use can be provided upon request.