

Project · Reference number

Date

Product data sheet**Application**

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

Product description

Luminaire made of aluminium alloy and
stainless steel, finish white enamel
Hand-blown opal glass, satin matt
2 mounting holes \varnothing 5 mm
Distance apart 255 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connecting terminal $2,5^{\square}$
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 44
Protected against granular foreign bodies
> 1 mm and splash water
CE – Conformity mark
Weight: 2.5 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 35 luminaires
B16A: 56 luminaires
C10A: 58 luminaires
C16A: 94 luminaires

Lamp

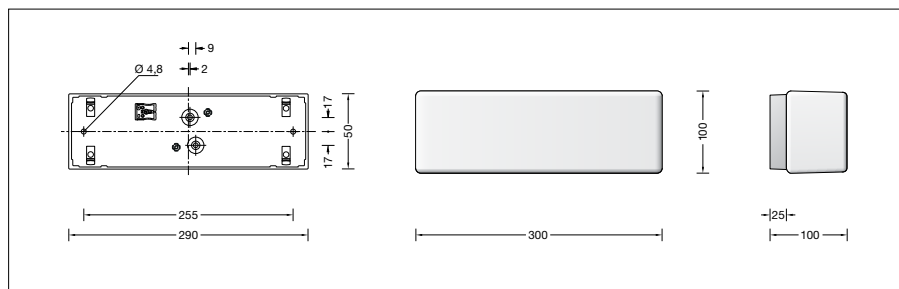
Module connected wattage	7.8 W
Luminaire connected wattage	10.1 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^{\circ}\text{C}$

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Module designation	2x LED-0544/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1110 lm
Luminaire luminous flux	810 lm
Luminaire luminous efficiency	80,2 lm/W

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Module designation	2x LED-0544/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1150 lm
Luminaire luminous flux	839 lm
Luminaire luminous efficiency	83,1 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at > 500,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at > 500,000 h: L70 B50

max. ambient temperature $t_a = 45^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 169,000 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. 50 496

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