BEGA

50 081

Ceiling and wall luminaire for indoor use

IP 44

Project · Reference number	Date

Product data sheet

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

Product description
Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with sliding-bolt closure
3 fixing holes ø 5.5 mm
2 cable entries for through-wiring for mains cable up to ø 10,5 mm max. 5 x 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
$C\!E$ – Conformity mark
Weight: 5.8 kg

Inrush current
Inrush current: 34 A / 165 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 11 luminaires
B 16 A: 19 luminaires
C 10 A: 19 luminaires
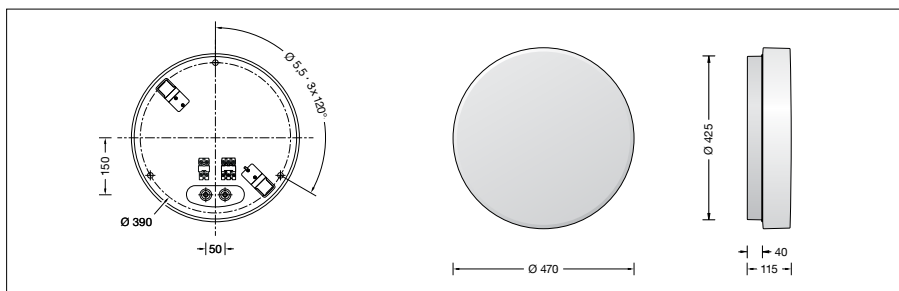C 16 A: 32 luminaires

Lamp
Module connected wattage	60 W
Luminaire connected wattage	69.5 W
Rated temperature	$t_a = 25\,°C$
Ambient temperature	$t_{a\,max} = 25\,°C$

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Module designation	LED-0630/930
Colour temperature	3000 K
Colour rendering index	$R_a > 90$
Module luminous flux	7105 lm
Luminaire luminous flux	4767 lm
Luminaire luminous efficiency	68,6 lm/W

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Module designation	LED-0630/940
Colour temperature	4000 K
Colour rendering index	$R_a > 90$
Module luminous flux	7365 lm
Luminaire luminous flux	4941 lm
Luminaire luminous efficiency	71,1 lm/W

Lifetime of the LED
Ambient temperature $t_a = 15\,°C$
– at   50,000 h: L90 B50
– at   164,000 h: L70 B50

max. ambient temperature $t_a = 25\,°C$
– at   50,000 h: L80 B50
– at   92,000 h: L70 B50

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

Accessory · Trim rings
For this luminaire metal trim rings in 3 surfaces are optional available.
Trim rings are accessories and must be ordered separately.

Item	Part. No
Enamel **white**	**13 085**
Stainless steel	**13 086**
Chrome	**13 087**