

BEGA**50016**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass 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 bayonet closure
2 mounting holes \varnothing 6 mm
Distance apart 340 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. $3 \times 1.5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 V
Safety class I
 – Safety mark
CE – Conformity mark
Weight: 3.9 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 9 luminaires
B16A: 15 luminaires
C10A: 15 luminaires
C16A: 25 luminaires

Lamp

Module connected wattage 43.5 W
Luminaire connected wattage 48.7 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a\text{max}} = 30^{\circ}\text{C}$

50016 K3

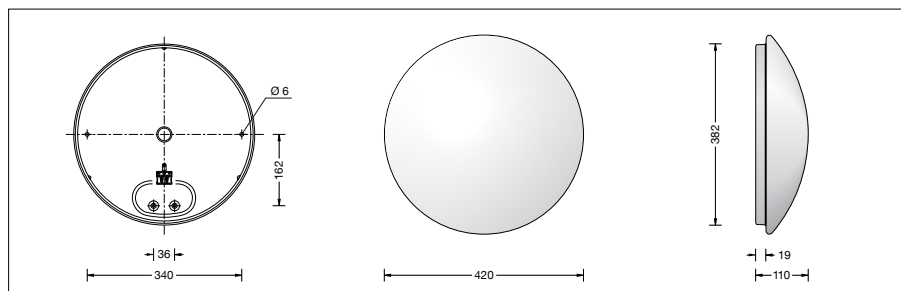
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 5505 lm
Luminaire luminous flux 3168 lm
Luminaire luminous efficiency 65,1 lm/W

50016 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 5465 lm
Luminaire luminous flux 3144 lm
Luminaire luminous efficiency 64,6 lm/W

50016 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 5705 lm
Luminaire luminous flux 3283 lm
Luminaire luminous efficiency 67,4 lm/W



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 139,000h: L70B50
max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 105,000h: L70B50

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. 50016

LED colour temperature optionally 2700 K,
3000 K or 4000 K
2700 K – Article number + **K2**
3000 K – Article number + **K3**
4000 K – Article number + **K4**

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

Accessory · Trim rings

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

Item	Part. No
Finish enamel white	13007
Finish enamel palladium	13008
Finish enamel glossy silver	13009