

BEGA**24 028**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded ceiling and wall luminaire with high protection class.
For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy and stainless steel
BEGA Unidure® coating technology
Colour white
Opal glass
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 190 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
Connecting terminal 2.5² with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
Weight: 1.6 kg
This product contains light sources of energy efficiency class(es) D

Lamp

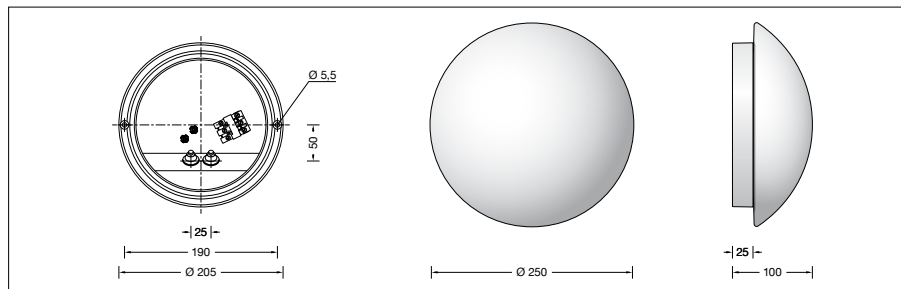
Module connected wattage	7.8 W
Luminaire connected wattage	9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$

24 028 K3

Module designation	LED-0916/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1450 lm
Luminaire luminous flux	1094 lm
Luminaire luminous efficiency	121,6 lm/W

24 028 K4

Module designation	LED-0916/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1470 lm
Luminaire luminous flux	1109 lm
Luminaire luminous efficiency	123,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80B50)
100,000 h (L90B50)
Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 170,000 h (L80B50)

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Inrush current

Inrush current: 5 A / 40 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 50 luminaires
C 10 A: 80 luminaires
C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space 13,6 %
Luminous flux lower half-space 86,4 %

BUG rating according to IES TM-15-07: 1-3-1
CEN Flux Code according to EN 13032-2: 41-70-89-86-100-21-39-61-14

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

Light distribution

