

BEGA**24 025**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Lichtbaustein® Circle

Unshielded LED 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
Opal glass satin matt
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 2.5[□] with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
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
CE – Conformity mark
Weight: 1.7 kg

Lamp

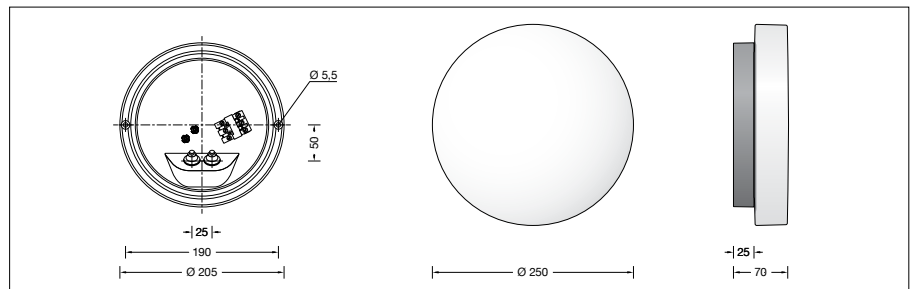
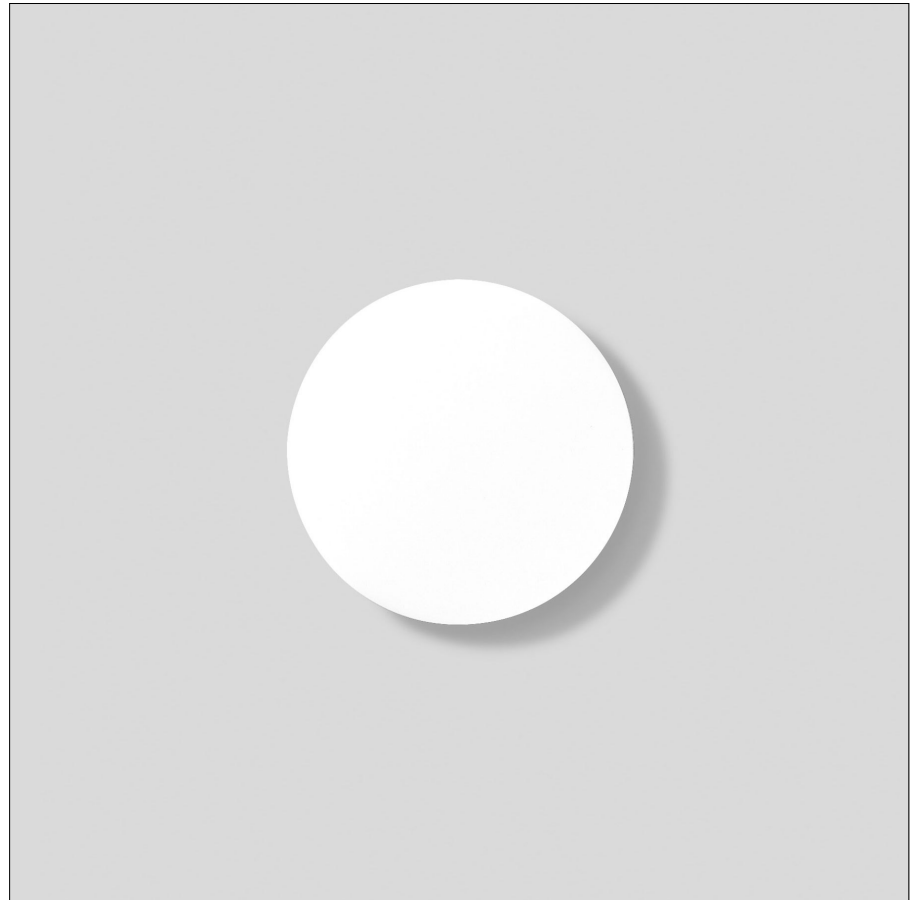
Module connected wattage 8 W
Luminaire connected wattage 9.2 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$

24 025 K3

Module designation LED-0916/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1180 lm
Luminaire luminous flux 987 lm
Luminaire luminous efficiency 107,3 lm/W

24 025 K4

Module designation LED-0916/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1180 lm
Luminaire luminous flux 987 lm
Luminaire luminous efficiency 107,3 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)
Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 78,000 h (L80 B50)
100,000 h (L70 B50)

Inrush current

Inrush current: 11 A / 112 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 34 luminaires
B 16A: 55 luminaires
C 10A: 57 luminaires
C 16A: 92 luminaires

Article No. 24 025

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

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.

Light distribution

