

BEGA**24 025**

Ceiling and wall luminaire

IP 65

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
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
Weight: 1.7 kg

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.

Lamp

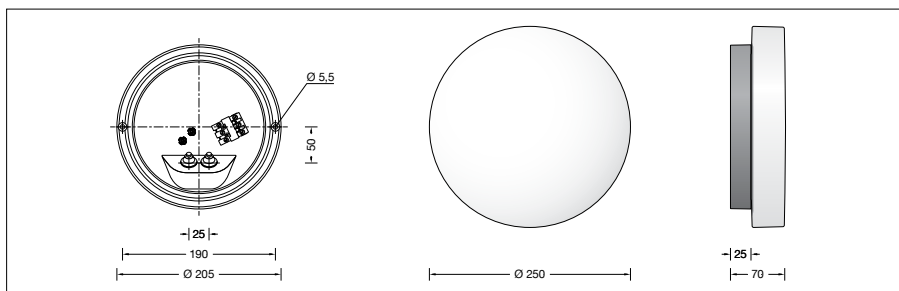
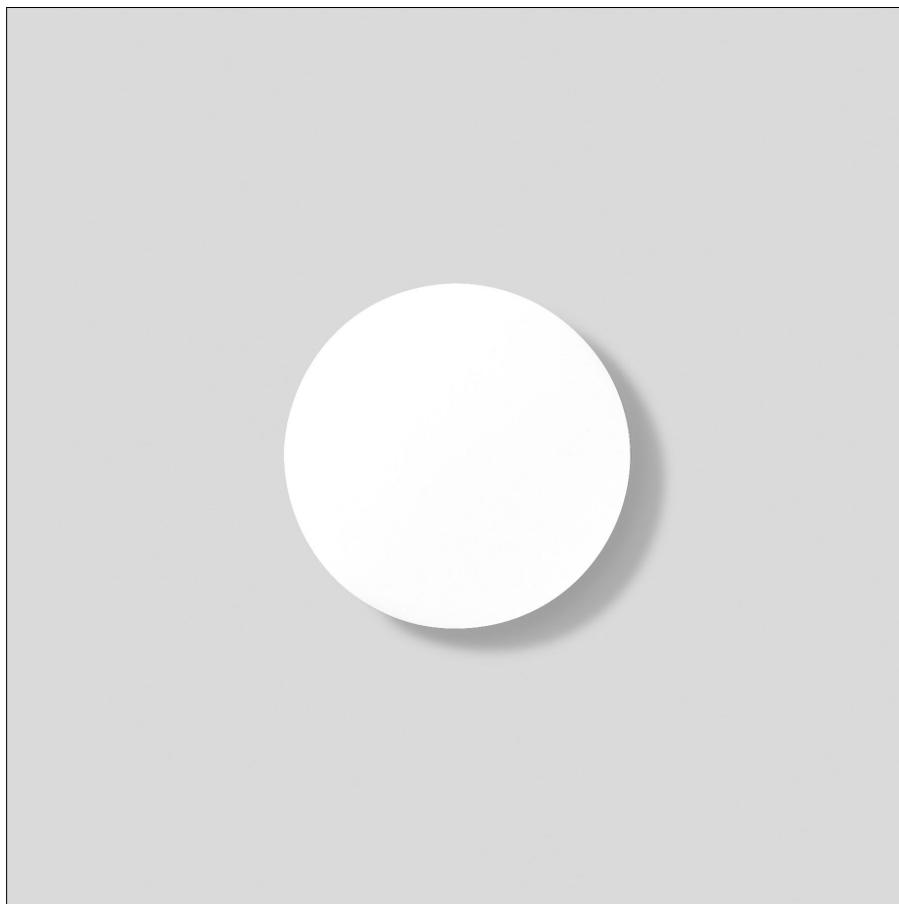
Module connected wattage	8 W
Luminaire connected wattage	9.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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**

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) 100,000 h (L90 B50)

Ambient temperature $t_a = 50$ °C	
LED psu:	50,000 h
LED module:	78,000 h (L80 B50) 100,000 h (L70 B50)

Inrush current

Inrush current: 11 A / 112 μ s
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

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

Light distribution