

BEGA**24 026**

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
 BEGA Unidure® coating technology
 Opal glass satin matt
 Silicone gasket
 2 mounting holes \varnothing 5.5 mm
 Distance apart 234 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5G1.5[□]
 Connecting terminal 2.5[□] with plug connection
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 DALI controllable
 A basic isolation exists between power cable and control line
 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 IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 2.4 kg

Lamp

Module connected wattage	14.2 W
Luminaire connected wattage	16.7 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 30\text{ °C}$

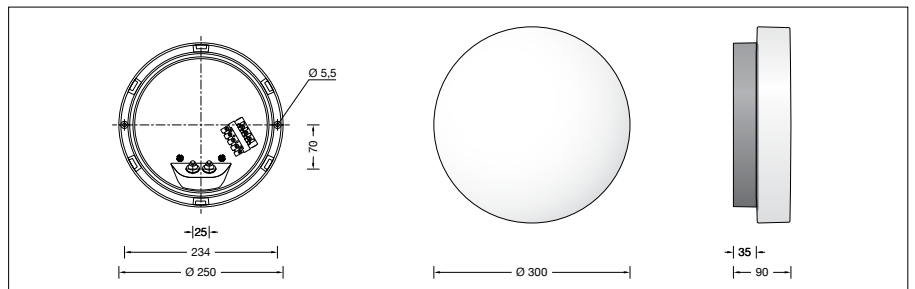
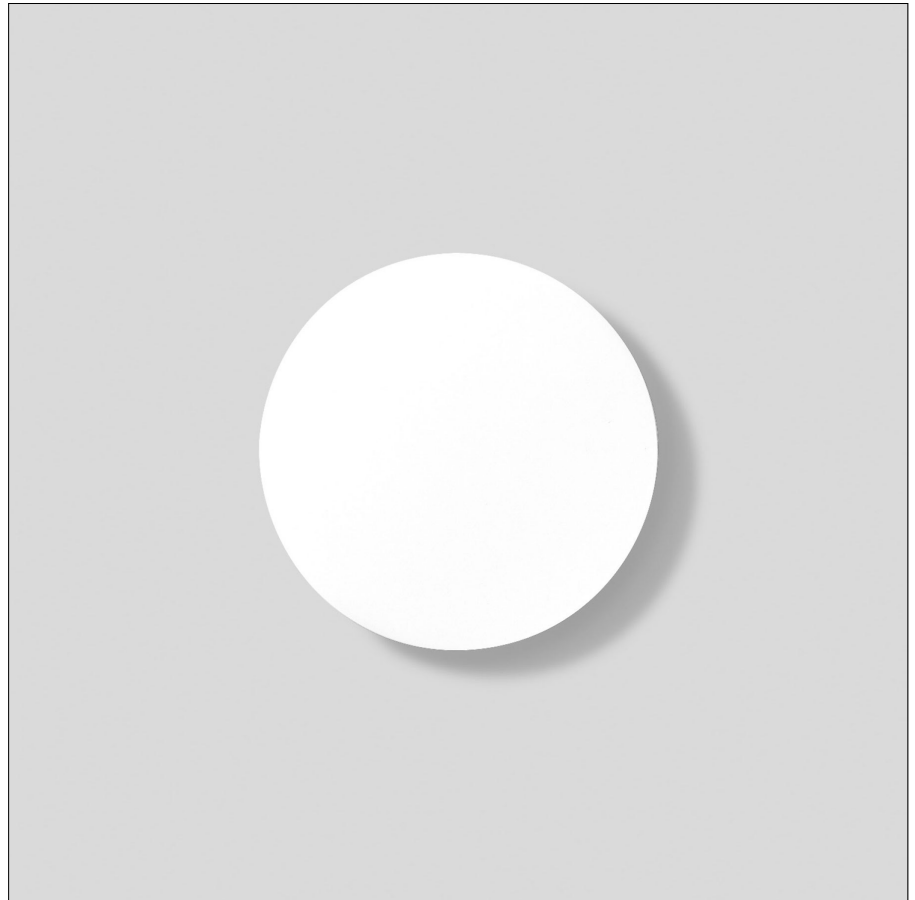
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 026 K3

Module designation	LED-0917/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2160 lm
Luminaire luminous flux	1797 lm
Luminaire luminous efficiency	107,6 lm/W

24 026 K4

Module designation	LED-0917/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2160 lm
Luminaire luminous flux	1797 lm
Luminaire luminous efficiency	107,6 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
 LED psu: > 50,000 h
 LED module: 178,000 h (L80 B50)
 100,000 h (L90 B50)
 Ambient temperature $t_{a\text{ max}} = 30\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 129,000 h (L80 B50)

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 31 luminaires
 B 16 A: 50 luminaires
 C 10 A: 52 luminaires
 C 16 A: 85 luminaires

Article No. 24 026

LED colour temperature optionally 3000 K or 4000 K
 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

