

BEGA**24 027**

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 283 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 176-264 V
During DC operation the LED power is reduced to 50 %
DALI controllable
A basic isolation exists between power cable and control line
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: 3.8 kg

Lamp

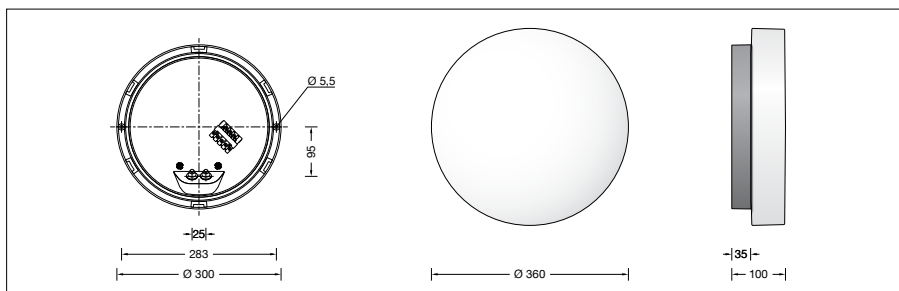
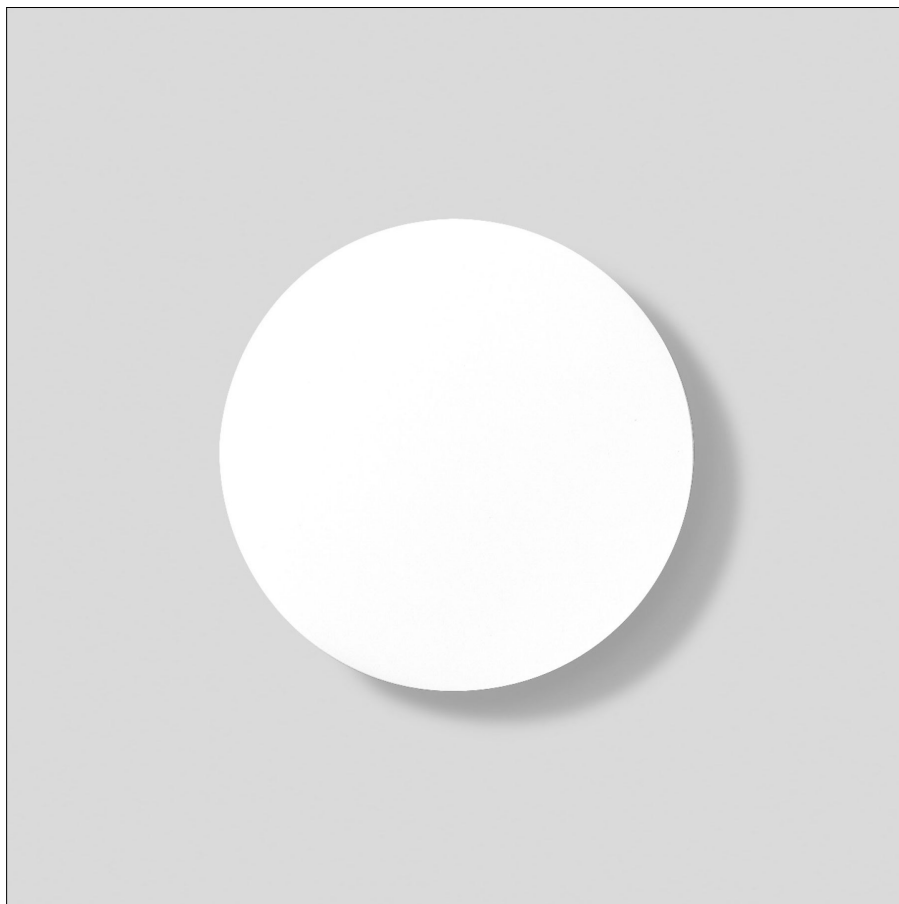
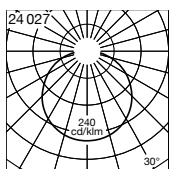
Module connected wattage	28.1 W
Luminaire connected wattage	31.3 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

24 027 K3

Module designation	LED-0832/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4110 lm
Luminaire luminous flux	3178 lm
Luminaire luminous efficiency	101,5 lm/W

24 027 K4

Module designation	LED-0832/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4110 lm
Luminaire luminous flux	3178 lm
Luminaire luminous efficiency	101,5 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	123,000h (L80 B50)
Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	51,000h (L80 B50) 77,000h (L70 B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (75 %)	
LED psu:	50,000h
LED module:	50,000h

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	27 luminaires
B 16A:	44 luminaires
C 10A:	27 luminaires
C 16A:	44 luminaires

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. 24 027

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