BEGA

50 659

Ceiling and wall luminaire for indoor use

10 · IP 44

Project · Reference number	Date

Product data sheet

Application
Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and aluminium alloy housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required. Luminaire with a high protection class.

Product description
Luminaire made of aluminium alloy
Finish Colour white
Hand-blown opal glass, satin matt, with sliding-bolt closure
2 mounting holes ø 5.5 mm
Distance apart 208 mm
2 cable entries for through-wiring for mains cable up to ø 10,5 mm max. 5 x 1.5□
Connection terminal 2.5□
Earth conductor connection
2-pole connecting terminal for digital control
LED power supply unit
220-240 V ⏦ 0/50-60 Hz
DC 176-275 V
DALI-controllable
Basic insulation is provided between the mains and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 44
Protected against granular foreign bodies ≥ 1 mm and splash water
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
10 · – Safety mark
CE – Conformity mark
Weight: 2.1 kg
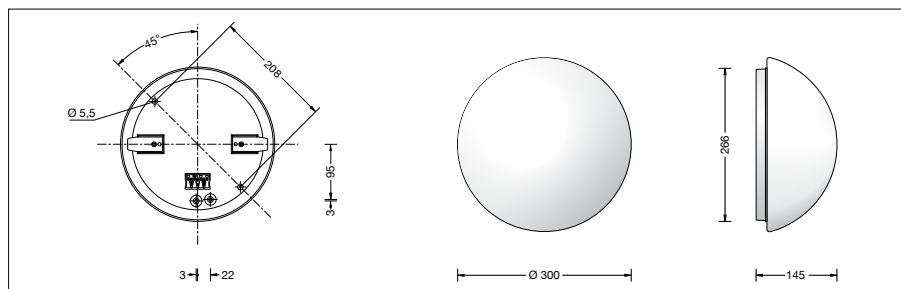This product contains light sources of energy efficiency class(es) D

Lamp
Module connected wattage	16.8 W
Luminaire connected wattage	19.1 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 45$ °C

50 659 K27
Module designation	4x LED-0280/927
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2600 lm
Luminaire luminous flux	1868 lm
Luminaire luminous efficiency	97,8 lm/W

50 659 K3
Module designation	4x LED-0280/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2640 lm
Luminaire luminous flux	1896 lm
Luminaire luminous efficiency	99,3 lm/W

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu:	> 50,000h
LED module:	> 200,000h (L80 B50)
	50,000h (L90 B50)

Ambient temperature max. t_a = 45 °C (100 %)
LED psu:	50,000h
LED module:	180,000h (L80 B50)
	50,000h (L90 B50)

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 / 50 µs
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:	80 luminaires

Article No. 50 659
Colour temperature 2700 K.
Also available with 3000 K on request.
2700 K – article number + **K27**
3000 K – article number + **K3**

Accessory · Trim rings
For this luminaire metal trim rings in 4 surfaces are optional available.
Trim rings are accessories and must be ordered separately.

Item	Part. No
Colour **white**	**13 062**
Stainless steel	**13 063**
Chrome	**13 064**
Brass	**13 065**