

BEGA**50 537.1**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire· indoor luminaire with high protection class for a variety of lighting tasks. A luminaire made of die cast aluminium and crystal glass.

Product description

Aluminium alloy housing,
finish Colour white
Crystal glass, inside white
Silicone gasket
2 mounting holes \varnothing 4.5 mm
Distance apart 200 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. 5 x 1.5²
Connection terminal 2.5²
Earth conductor connection
2-pole connecting terminal for
digital control
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 V
DALI-controllable
Number of DALI addresses: 1
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 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 2.9 kg
This product contains light sources of energy
efficiency class(es) D

Inrush current

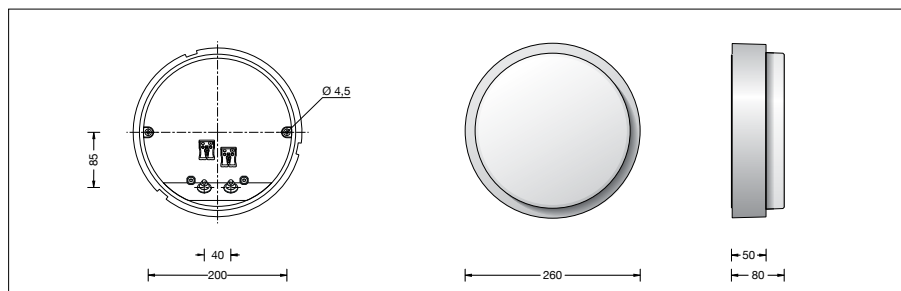
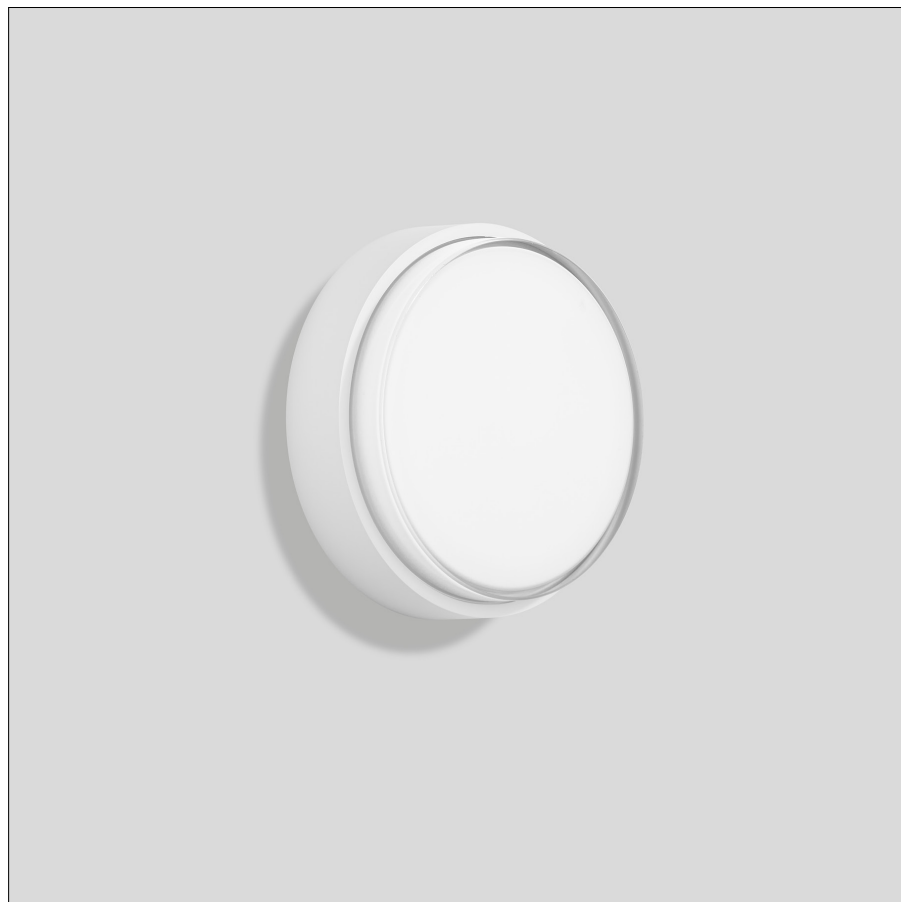
Inrush current: 1.2 A / 46 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 80 luminaires
C 10 A: 50 luminaires
C 16 A: 80 luminaires

Lamp

Module connected wattage	15.1 W
Luminaire connected wattage	18 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 40^\circ\text{C}$

50 537.1 K3

Module designation	LED-0381/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2470 lm
Luminaire luminous flux	1417 lm
Luminaire luminous efficiency	78,7 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 85,000 h (L 80 B 50)

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.

Article No. 50 537.1

Finish options
• White
• Stainless steel

Code number .1
Code number .2