

BEGA**33 233**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

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

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
Silicone gasket
2 mounting holes \varnothing 5 mm
Distance apart 70 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
Connecting terminal and
earth conductor terminal 2.5²
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 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 65
Dust-tight and protection against water jets
Impact strength IK06
Protection against mechanical
impacts < 1 joule
 – Safety mark
 – Conformity mark
Weight: 4.0 kg
This product contains light sources of energy
efficiency class(es) C, D

Lamp

Module connected wattage	11.3 W
Luminaire connected wattage	13 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

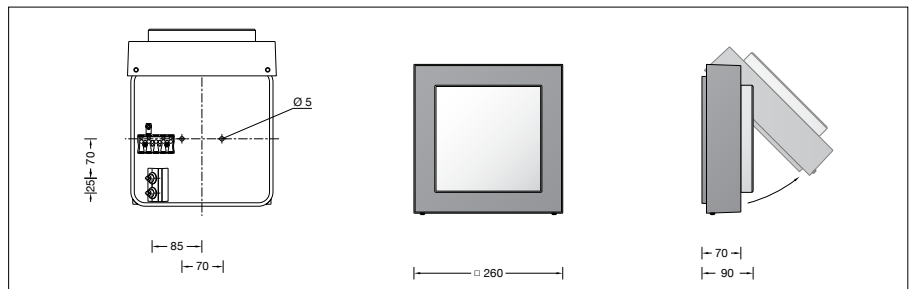
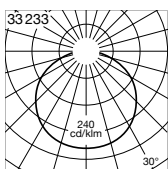
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Module designation	LED-0841/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1915 lm
Luminaire luminous flux	1011 lm
Luminaire luminous efficiency	77,8 lm/W

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Module designation	LED-0841/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2030 lm
Luminaire luminous flux	1072 lm
Luminaire luminous efficiency	82,5 lm/W

Light distribution



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)
100,000 h (L 90 B 50)
Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 200,000 h (L 80 B 50)
100,000 h (L 90 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.

Inrush current

Inrush current: 4.2 A / 30 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 50 luminaires
C 10 A: 50 luminaires
C 16 A: 50 luminaires

Ratio of luminous flux

Luminous flux upper half-space 2,8 %
Luminous flux lower half-space 97,2 %

BUG rating according to IES TM-15-07:

1-1-1

CEN Flux Code according to EN 13032-2:
42-73-92-97-100-0-0-22-3

Article No. 33 233

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

Colour graphite or silver
graphite – article number
silver – article number + **A**