

BEGA**33 242**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with directed light.
A luminaire with concentrated light distribution downwards which additionally utilises the reflection properties of the mounting surface.

Product description

Luminaire made of aluminium alloy and stainless steel
BEGA Unidure® coating technology
Matt safety glass
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 5 mm
Distance apart 100 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5 G 1.5[□]
Connecting terminal and earth conductor terminal 2.5[□]
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DALI controllable
A basic isolation exists between power cable and control line
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: 2.0 kg

Lamp

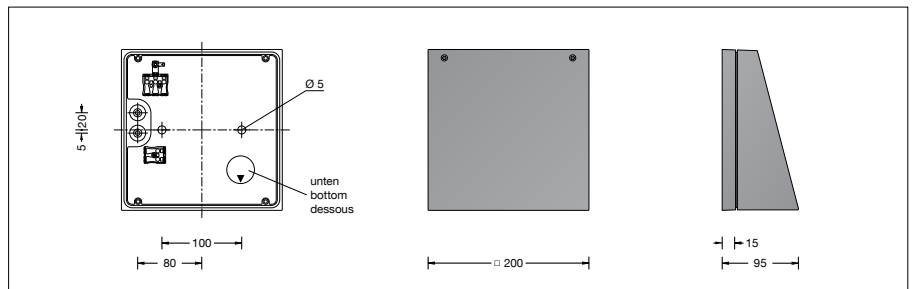
Module connected wattage 17.6 W
Luminaire connected wattage 20 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$

33 242 K3

Module designation LED-0313/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 3340 lm
Luminaire luminous flux 2446 lm
Luminaire luminous efficiency 122,3 lm/W

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Module designation LED-0313/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 3435 lm
Luminaire luminous flux 2516 lm
Luminaire luminous efficiency 125,8 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)

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 114,000 h (L 80 B 50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (92 %)
LED psu: 50,000 h
LED module: > 50,000 h (L 70 B 50)

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 10 A: 56 luminaires
B 16 A: 90 luminaires
C 10 A: 56 luminaires
C 16 A: 90 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. 33 242

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**

Light distribution

