

BEGA**22 432**

Ceiling · Wall · Pillar luminaire



Project · Reference number

Date

Product data sheet

Application

Ceiling, wall and pillar luminaire with high constructive strength.
The thick-walled crystal glass distributes the light uniformly.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
2 mounting holes \varnothing 4.3 mm
Distance apart 64 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
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
CE – Conformity mark
Weight: 1.2 kg

Lamp

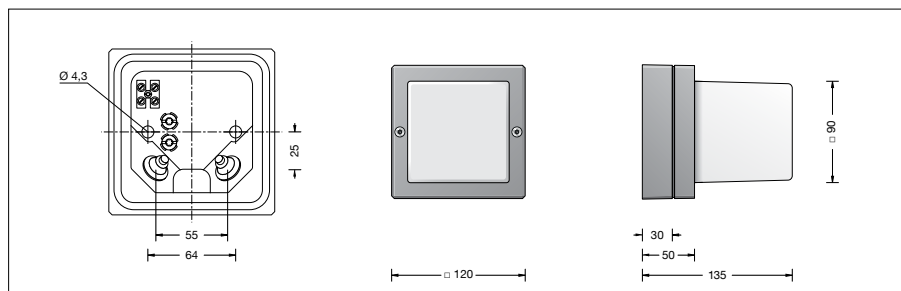
Module connected wattage 2.9 W
Luminaire connected wattage 4 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 55\text{ °C}$

22 432 K3

Module designation LED-0444/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 550 lm
Luminaire luminous flux 306 lm
Luminaire luminous efficiency 76,5 lm/W

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Module designation LED-0444/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 565 lm
Luminaire luminous flux 314 lm
Luminaire luminous efficiency 78,5 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)

Ambient temperature $t_{a\text{ max}} = 55\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 98,000 h (L80 B50)
100,000 h (L70 B50)

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.

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

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LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**
4000 K – Article number + **K4**

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

Light distribution

