

BEGA**22 650**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded ceiling and wall luminaire with high protection class.
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
2 mounting holes $\varnothing$ 5.5 mm
Distance apart 70 mm
2 cable entries for through-wiring of mains
supply cable $\varnothing$ 7-10.5 mm
Connecting terminal and
earth conductor terminal 2.5²
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
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
☞ 10 ☞ – Safety mark
CE – Conformity mark
Weight: 2.8 kg
This product contains light sources of energy
efficiency class(es) C

Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 60^\circ\text{C}$

22 650 K3

Module designation	LED-0263/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	755 lm
Luminaire luminous flux	341 lm
Luminaire luminous efficiency	71 lm/W

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Module designation	LED-0263/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	775 lm
Luminaire luminous flux	352 lm
Luminaire luminous efficiency	73,3 lm/W

Ratio of luminous flux

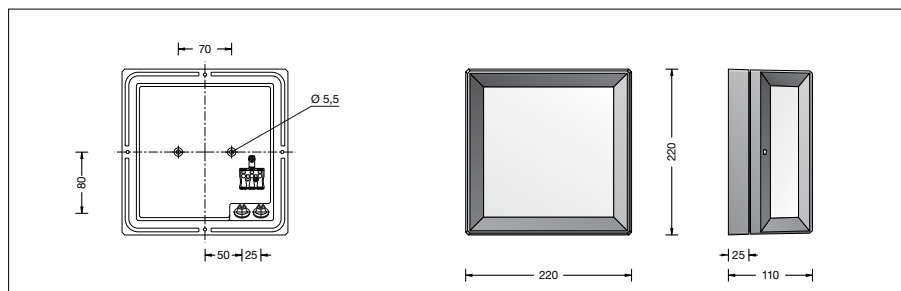
Luminous flux upper half-space	17,9 %
Luminous flux lower half-space	82,1 %

BUG rating according to IES TM-15-07:

0-2-0

CEN Flux Code according to EN 13032-2:

38-69-90-82-100-5-27-62-18

**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. $t_a = 60^\circ\text{C}$ (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: 5 A / 40 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: 80 luminaires
C 16 A: 80 luminaires

Article No. 22 650

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