

BEGA**24 713**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded ceiling and wall luminaire with high protection class.
For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Opal glass
2 mounting holes \varnothing 4.8 mm
Distance apart 170 mm
2 screw cable glands with strain relief for through-wiring power connecting cable \varnothing 7–12 mm
1 screw cable gland closed at the factory with a dummy plug
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220–240 V \sim 0/50–60 Hz
DC 170–280 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 IK02
Protection against mechanical impacts < 0.2 joule
 – Safety mark
 – Conformity mark
Weight: 4.4 kg
This product contains light sources of energy efficiency class(es) D

Lamp

Module connected wattage	23 W
Luminaire connected wattage	25.6 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

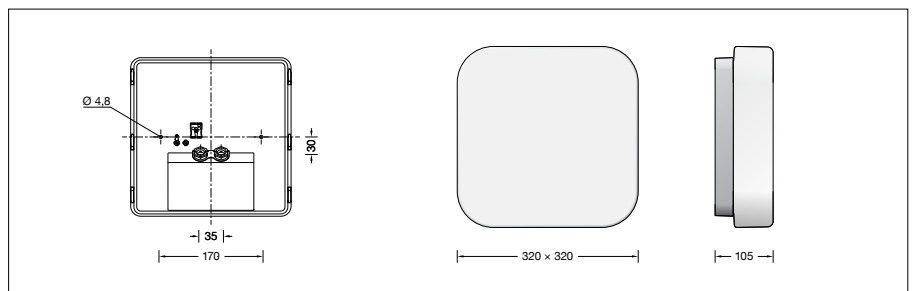
On request we can offer you modifications for environments with higher temperatures as a customized product.

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Module designation	LED-1248/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4130 lm
Luminaire luminous flux	3134 lm
Luminaire luminous efficiency	122,4 lm/W

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Module designation	LED-1248/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4340 lm
Luminaire luminous flux	3293 lm
Luminaire luminous efficiency	128,6 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: 160,000 h (L80B50)

Ambient temperature max. $t_a = 35\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 135,000 h (L80B50)

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 / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Ratio of luminous flux

Luminous flux upper half-space 12 %
Luminous flux lower half-space 88 %

BUG rating according to IES TM-15-07: 1–3–1

CEN Flux Code according to EN 13032-2: 43–74–93–88–100–17–41–70–12

Article No. 24 713

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