

BEGA**24 128**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Large-area LED luminaire with high light output for installation on ceilings and walls.
An optical system with a layered structure of micro-structured and light-directing layers precisely matched to our LED modules ensures glare-free light and high visual comfort.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass
Silicone gasket
4 fixing holes \varnothing 7 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5 G 1.5²
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DALI controllable
or dimmable 1-10 V
SELV (safety extra-low voltage)
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 IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 18.0 kg

Lamp

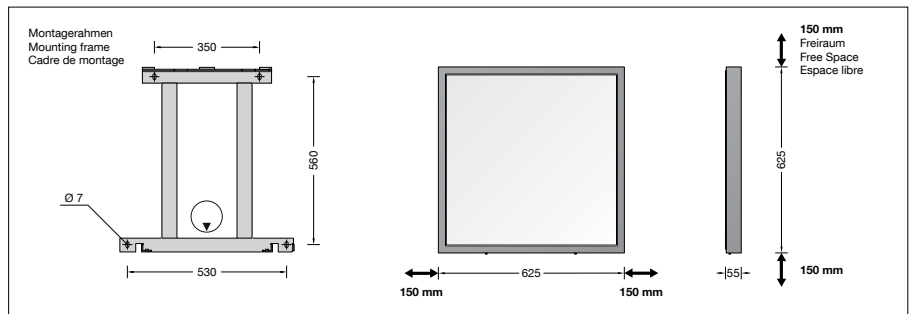
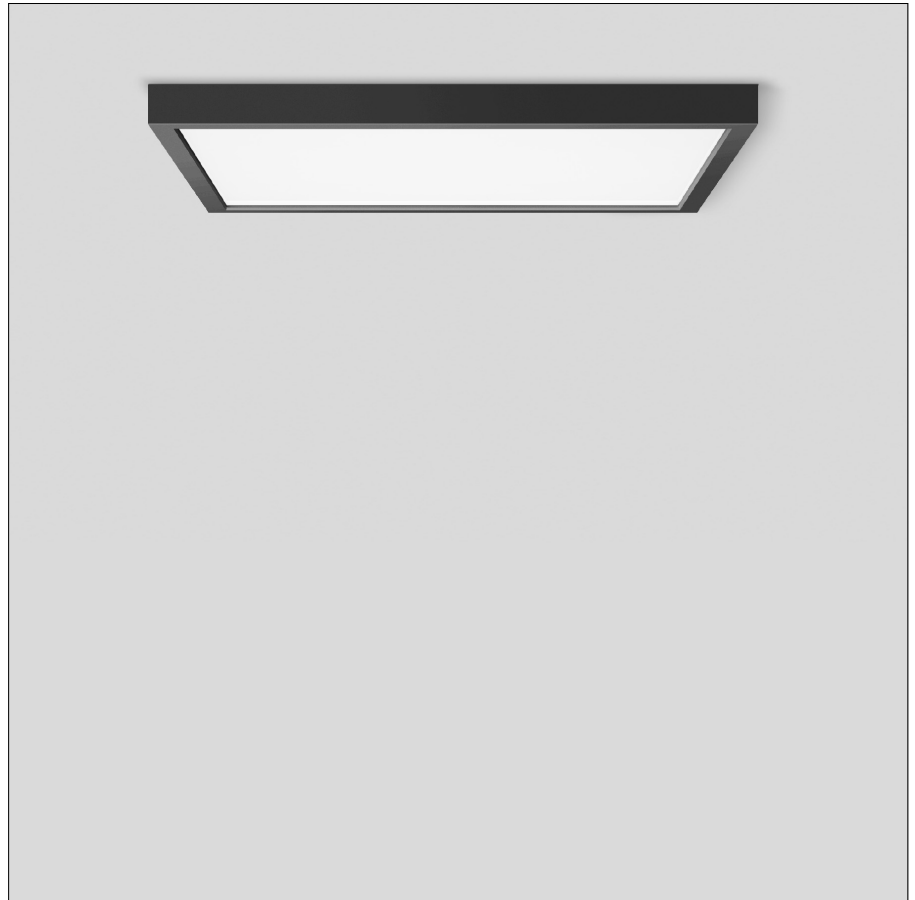
Module connected wattage 53.8 W
Luminaire connected wattage 60 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$

24 128 K3

Module designation LED-0895/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 9220 lm
Luminaire luminous flux 5850 lm
Luminaire luminous efficiency 97,5 lm/W

24 128 K4

Module designation LED-0895/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 9550 lm
Luminaire luminous flux 6060 lm
Luminaire luminous efficiency 101 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 150,000 h (L80 B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 110,000 h (L80 B50)

Inrush current

Inrush current: 20 A / 400 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 9 luminaires
B16A: 15 luminaires
C10A: 16 luminaires
C16A: 25 luminaires

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LED colour temperature optionally 3000K or 4000K
3000 K – Article number + **K3**
4000 K – Article number + **K4**
Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**

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.

Light distribution

