

BEGA**24 117**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED ceiling and wall luminaire with high protection class.
For a variety of interior and exterior lighting applications.
The luminaire can be installed in any burning position.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
White synthetic diffuser
2 elongated fixing holes
Width 7 mm · 1200 mm spacing
Connection box with 2 cable entries for through-wiring of the mains supply cable from \varnothing 5-13 mm, max. $5 \times 2,5^{\square}$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 V
During DC operation the LED power is reduced to 15 %
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: 10,6 kg

Lamp

Module connected wattage	44.4 W
Luminaire connected wattage	55 W
Rated temperature	$t_a = 25 \text{ }^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 40 \text{ }^{\circ}\text{C}$

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

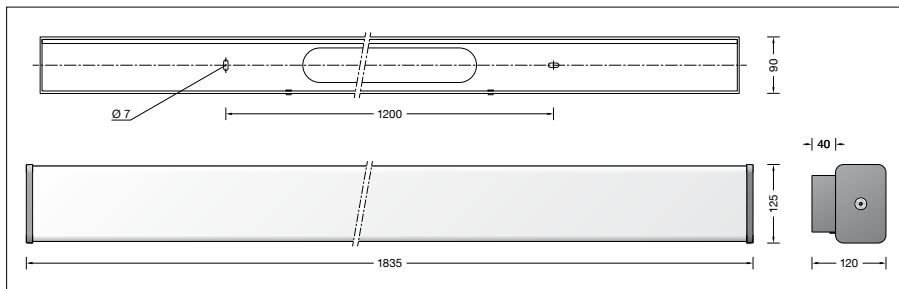
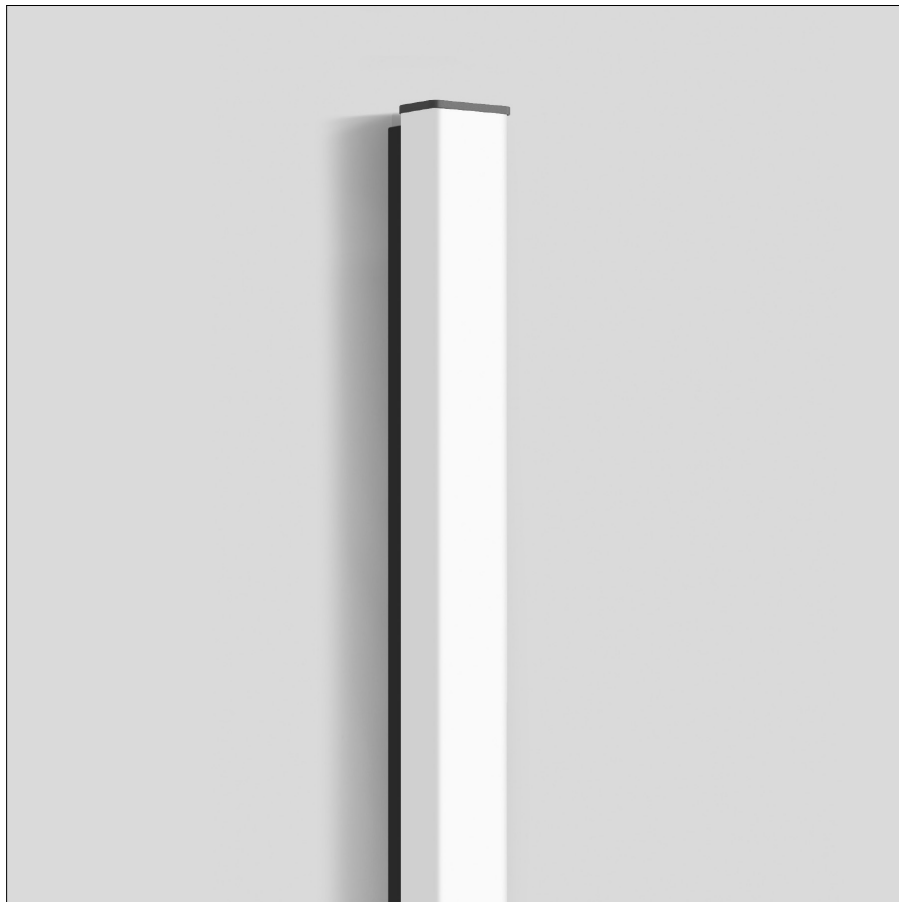
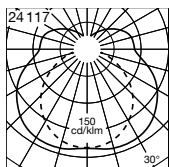
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Module designation	8x LED-0894/830 + 4x LED-0900/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	9280 lm
Luminaire luminous flux	7710 lm
Luminaire luminous efficiency	136,4 lm/W

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Module designation	8x LED-0894/840 + 4x LED-0900/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	9540 lm
Luminaire luminous flux	7710 lm
Luminaire luminous efficiency	140,2 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^{\circ}\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_{a \text{ max}} = 40 \text{ }^{\circ}\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

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: 20 A / 240 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 12 luminaires
B 16A: 20 luminaires
C 10A: 12 luminaires
C 16A: 20 luminaires

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