

BEGA**24 115**

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
White synthetic diffuser
2 elongated fixing holes
Width 7 mm · 350mm spacing
Connection box with 2 cable entries for
through-wiring of the mains supply cable
ø 5-13 mm, max. 5×2,5[□]
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-264 V
DALI-controllable
Number of DALI addresses: 1
Basic insulation is provided between the mains
and control cables
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: 3,4 kg
This product contains light sources of energy
efficiency class(es) B

Lamp

Module connected wattage	11.1 W
Luminaire connected wattage	14.7 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

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

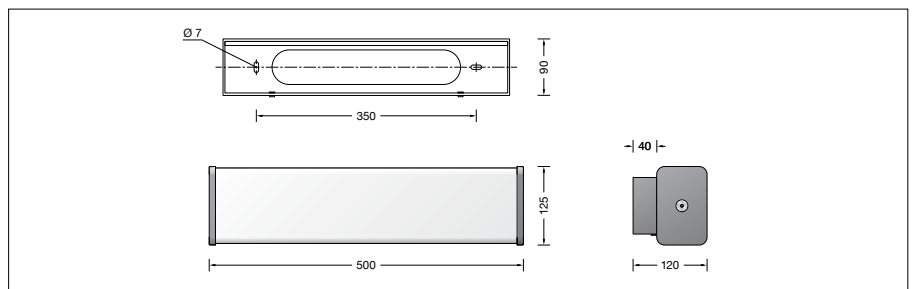
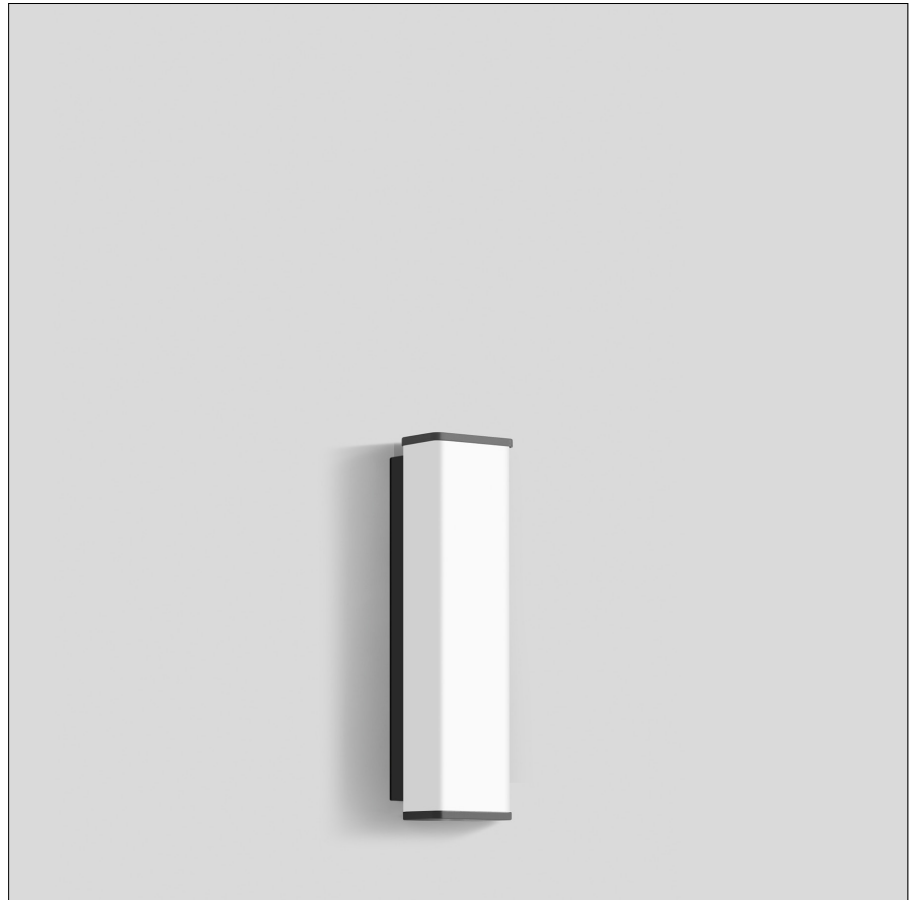
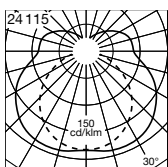
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Module designation	
2x LED-0894/830 + LED-0900/830	
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1847 lm
Luminaire luminous efficiency	125,6 lm/W

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Module designation	
2x LED-0894/840 + LED-0900/840	
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2385 lm
Luminaire luminous flux	1899 lm
Luminaire luminous efficiency	129,2 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50) 100,000h (L90B50)

Ambient temperature max. $t_a = 40\text{ °C}$ (100 %)

LED psu:	50,000h
LED module:	> 200,000h (L80B50) 100,000h (L90B50)

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:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Ratio of luminous flux

Luminous flux upper half-space	26 %
Luminous flux lower half-space	74 %

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

CEN Flux Code according to EN 13032-2:
36-65-86-74-100-16-40-69-26

Article No. 24 115

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