

BEGA**24 126**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with shielded light.
Light emission $4 \times 15^\circ$.
Fully glare free light for lighting wall surfaces
and for interior or exterior lighting design.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite, silver or white
Safety glass
Optical silicone lens
Light sector $4 \times 15^\circ$
Mounting plate with
4 mounting holes $\varnothing 4.5$ mm
Distance apart 86×86 mm
2 cable entries for through-wiring of mains
supply cable $\varnothing 7-12$ mm,
max. 5 G 1.5²
Connecting terminal 2.5²
with plug connection
Earth conductor connection
Complies with flicker requirements in
accordance with IEEE 1789,
DIN IEC/TR 63158, DIN IEC/TR 61547-1
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 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: 1.9 kg
This product contains light sources of energy
efficiency class(es) D, E

Lamp

Module connected wattage	8 W
Luminaire connected wattage	9.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$

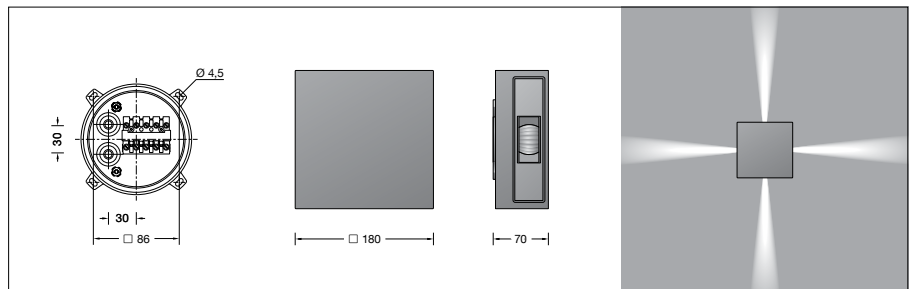
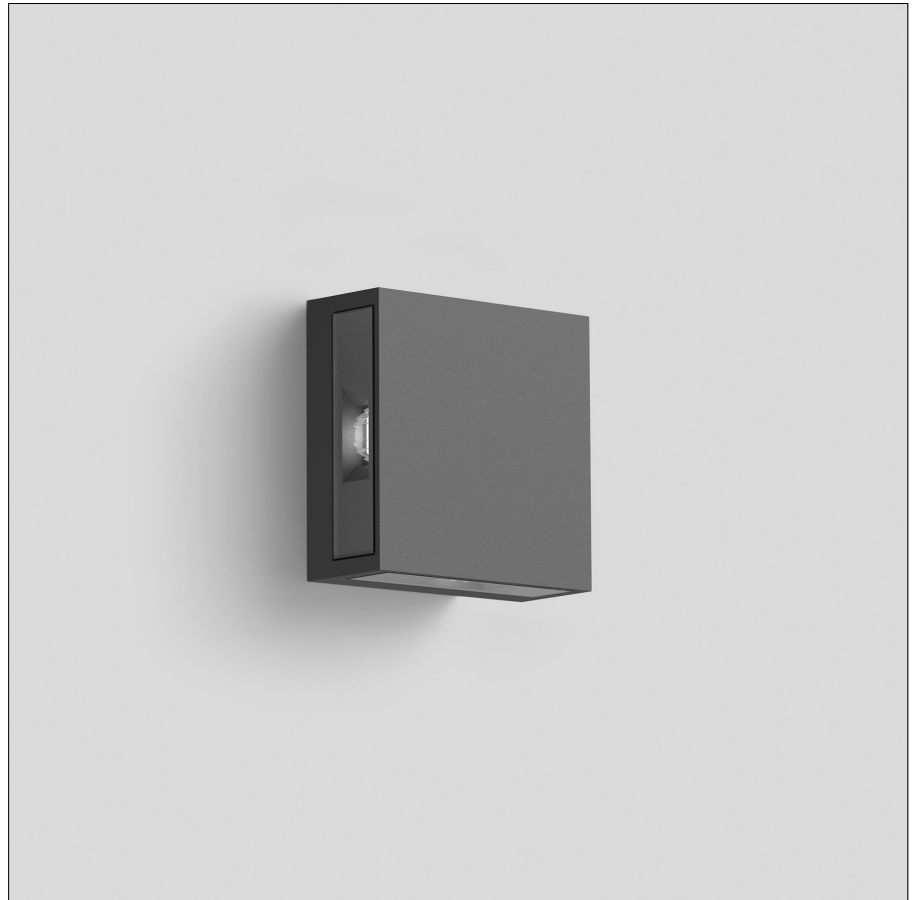
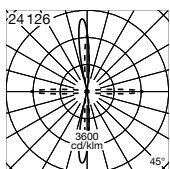
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Module designation	4x LED-0886/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1160 lm
Luminaire luminous flux	351 lm
Luminaire luminous efficiency	36,6 lm/W

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Module designation	4x LED-0886/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1240 lm
Luminaire luminous flux	375 lm
Luminaire luminous efficiency	39,1 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)
Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 185,000 h (L80 B50)

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: 4.2 A / 30 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 50 luminaires
B16A: 50 luminaires
C10A: 50 luminaires
C16A: 50 luminaires

Ratio of luminous flux

Luminous flux upper half-space	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:

0-3-1

CEN Flux Code according to EN 13032-2:
45-49-54-50-100-45-49-54-50

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LED colour temperature optionally 3000 K
or 4000 K
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**