

BEGA**24 085**

Wall luminaire



Project · Reference number


Date

Product data sheet

Application

LED wall luminaire with shielded light.
Light emission $4 \times 90^\circ$.
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
Safety glass
Optical silicone lens
Light sector $4 \times 90^\circ$
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 1.5[□]
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 V
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
 – Safety mark
CE – Conformity mark
Weight: 1.9 kg

Lamp

Module connected wattage	20 W
Luminaire connected wattage	23 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

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

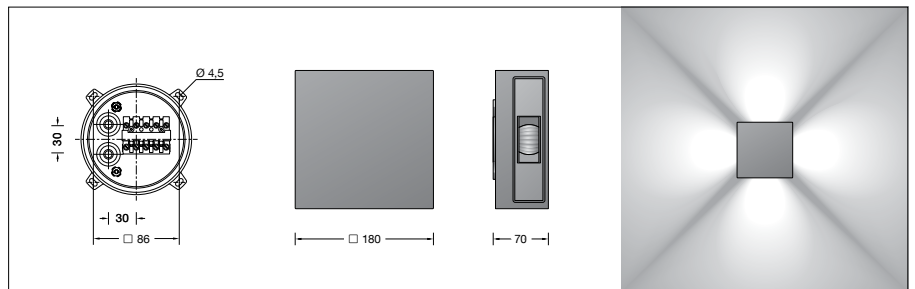
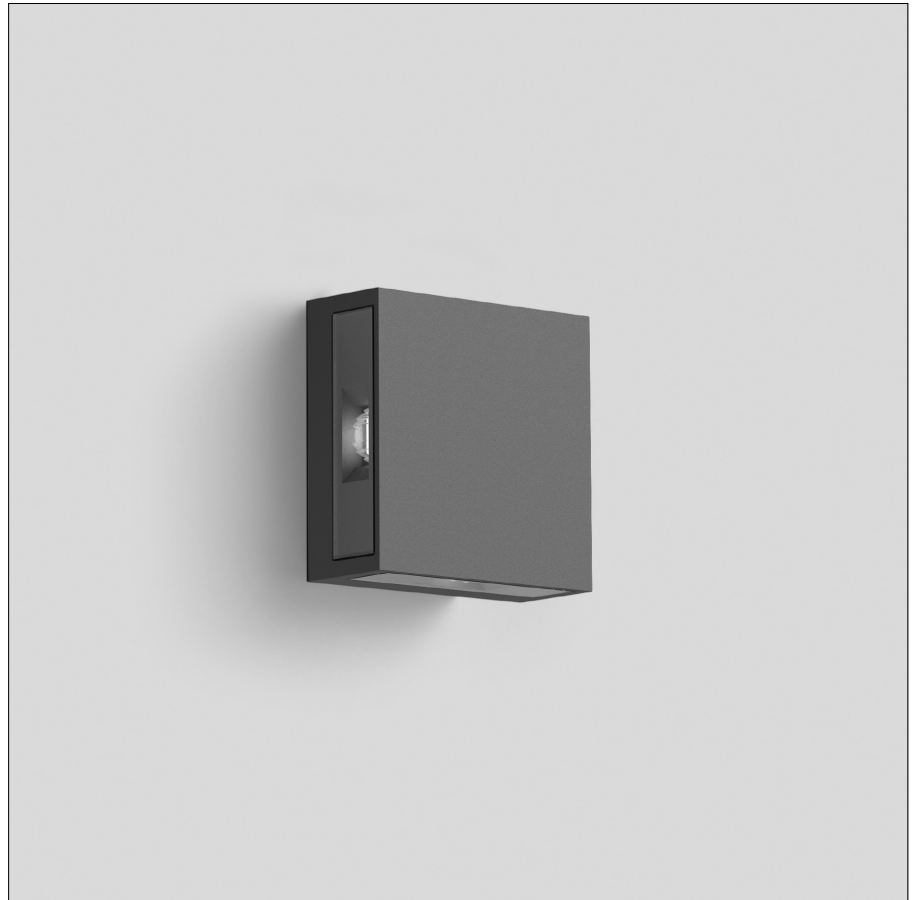
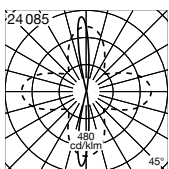
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Module designation	4x LED-0887/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	816 lm
Luminaire luminous efficiency	35,5 lm/W

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Module designation	4x LED-0887/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3100 lm
Luminaire luminous flux	866 lm
Luminaire luminous efficiency	37,7 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 170,000h (L80B50)

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: 12 A / 24.2 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

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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**