

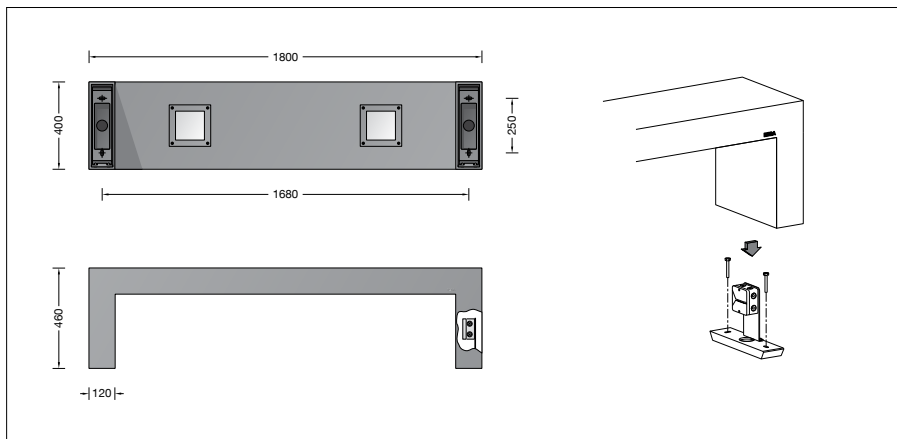
BEGA**84 236**

Light design element



Project · Reference number

Date



Product data sheet

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 The seat surface consists of Accoya® wood
 Matt safety glass
 2 Mounting plates with 2 elongated holes, width 10 mm, 250 mm spacing
 Connection box with cable entries for through-wiring of mains supply cable up to $\varnothing$ 18 mm max. 5×2.5 [□]
 Connecting terminals 5×4 [□]
 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
 During DC operation the LED power is reduced to 15 %
 DALI-controllable
 Number of DALI addresses: 2
 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 IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 47.0 kg
 This product contains light sources of energy efficiency class(es) B, C

Application

Light design elements with genuine ear wood seating for structuring and dividing areas and spaces in both the public and private sectors. Symmetrical wide beam light emission below the horizontal plane.

Lamp

Module connected wattage	5.6 W
Luminaire connected wattage	14.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$

84 236 K3

Module designation	2x LED-0357/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2330 lm
Luminaire luminous flux	1108 lm
Luminaire luminous efficiency	74,9 lm/W

84 236 K4

Module designation	2x LED-0357/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2390 lm
Luminaire luminous flux	1148 lm
Luminaire luminous efficiency	77,6 lm/W

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:	141,000 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: 8.8 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 41 luminaires
 B 16 A: 65 luminaires
 C 10 A: 41 luminaires
 C 16 A: 65 luminaires

Ratio of luminous flux

Luminous flux upper half-space	2,3 %
Luminous flux lower half-space	97,7 %

BUG rating according to IES TM-15-20:

1 – 1 – 0

CEN Flux Code according to EN 13032-2:

61 – 85 – 96 – 98 – 100 – 4 – 18 – 49 – 2

Article No. 84 236

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Light distribution