

BEGA**88 978**

Light building element

 IP 65

Project · Reference number



Date

Product data sheet

Application

Light building element with flat beam light distribution.

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass with optical structure
 Silicone gasket
 Reflector made of pure anodised aluminium
 Attack angle adjustable 0° or 10°
 Fixing of the light building element with anchorage unit **71 140** or mounting base **70 833** for bolting onto a foundation (see accessories)
 With inserted door made of die cast aluminium
 Square door latch (wrench size 8 mm)
 Connection box 70 629
 for through-wiring – for 2 cables up to 5 × 10² with two fuses Neozed D 01 · 6 A
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-264 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
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.9 m²
 Weight: 50.0 kg

Inrush current

Inrush current: 5 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 56 luminaires
 B 16A: 90 luminaires
 C 10A: 56 luminaires
 C 16A: 90 luminaires

Lamp

Module connected wattage	2x 18.8 W
Luminaire connected wattage	43 W
Rated temperature	t _a = 25 °C
Ambient temperature	t _{a max} = 60 °C

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Module designation	8x LED-0147/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	8080 lm
Luminaire luminous flux	5110 lm
Luminaire luminous efficiency	118,8 lm/W

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Module designation	8x LED-0147/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	7840 lm
Luminaire luminous flux	4957 lm
Luminaire luminous efficiency	115,3 lm/W

Service life · Ambient temperature

Rated temperature t _a = 25 °C	
LED psu:	> 50,000h
LED module:	> 200,000h (L 80 B 50) 100,000h (L 90 B 50)

Ambient temperature t _{a max} = 60 °C (100 %)	
LED psu:	50,000h
LED module:	149,000h (L 80 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.

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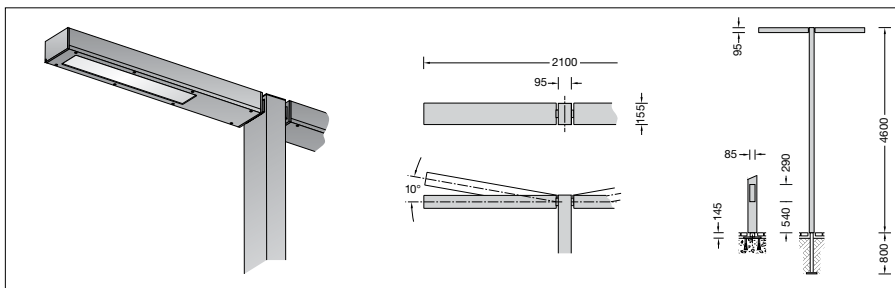
LED colour temperature optionally 4000K or 3000K
 4000 K – Article number + **K4**
 3000 K – Article number + **K3**

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

Accessories

71 140 Anchorage unit
70 833 Mounting base

A separate instructions for use can be provided upon request.

**Light distribution**