

BEGA**88 977**

Light building element



Project · Reference number

Date

Product data sheet

Application

Light building element with flat beam light distribution.

Product description

Luminaire made of aluminium profiles, aluminium alloy and stainless steel
 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 5×10^3 with two fuses Neozed D 01 · 6 A
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 During DC operation the LED power is reduced to 50 %
 DALI controllable
 A basic isolation exists between power cable and control line
 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: 0.89 m²
 Weight: 38.0 kg

Inrush current

Inrush current: 5 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 27 luminaires
 B16A: 44 luminaires
 C10A: 27 luminaires
 C16A: 44 luminaires

Lamp

Module connected wattage 19.2 W
 Luminaire connected wattage 22 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 60$ °C

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Module designation 4x LED-0147/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 3800 lm
 Luminaire luminous flux 2403 lm
 Luminaire luminous efficiency 109,2 lm/W

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Module designation 4x LED-0147/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 3720 lm
 Luminaire luminous flux 2352 lm
 Luminaire luminous efficiency 106,9 lm/W

Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 60$ °C
 – at 175,000h: L70B50

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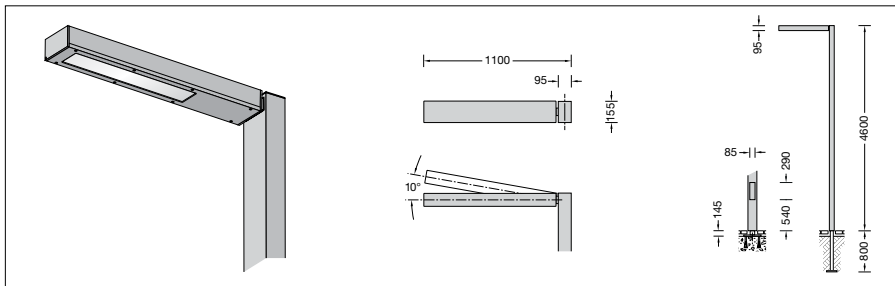
LED colour temperature optionally 4000K or 3000K
 4000 K – Article number + **K4**
 3000 K – Article number + **K3**

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**