

Project · Reference number



Date

Product data sheet

Application

Light building element with asymmetrical flat beam light distribution for lighting and designing squares, access roads and entrance areas.

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
 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)
 Connection box 71 084
 for through-wiring – for 2 cables up to $7 \times 6^{\square}$
 Terminal connection L1 · L2 · L3 · N · PE
 2 connecting terminals for connecting DALI control cables
 Fuse terminal with micro fuse
 6,3 A slow $\varnothing 5 \times 20$ mm
 LED power supply unit
 220-240 V \sim 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
 – Safety mark
 – Conformity mark
 Wind catching area: 0.9 m²
 Weight: 33.1 kg

Inrush current

Inrush current: 5 A / 100 μ s
 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	15.4 W
Luminaire connected wattage	18 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

84 273 K3

Module designation	2x LED-0850/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3000 lm
Luminaire luminous flux	2446 lm
Luminaire luminous efficiency	135,9 lm/W

84 273 K4

Module designation	2x LED-0850/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3090 lm
Luminaire luminous flux	2519 lm
Luminaire luminous efficiency	139,9 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50)
	100,000h (L90B50)
Ambient temperature $t_{a \max} = 55$ °C (100 %)	
LED psu:	50,000h
LED module:	125,000h (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.

Article No. 84 273

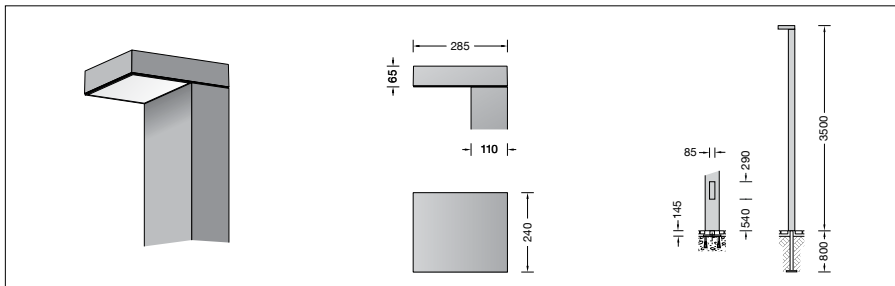
LED colour temperature optionally 3000K or 4000K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

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**