

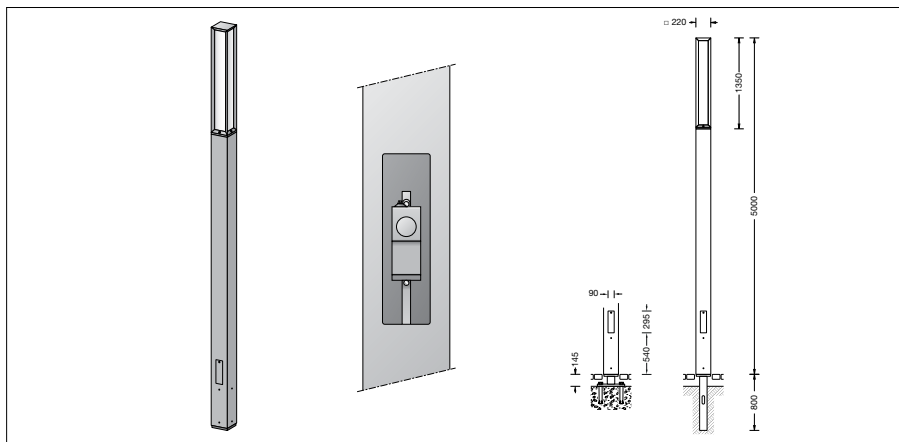
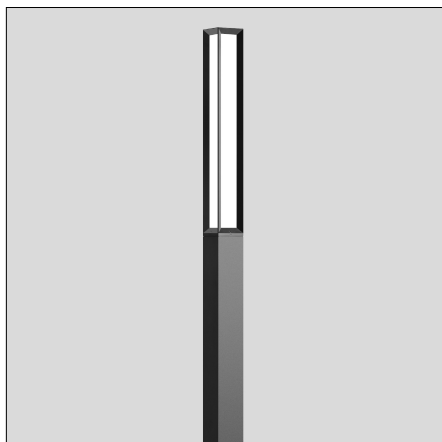
BEGA**84 876**

Light building element



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
White synthetic diffuser
Silicone gasket
Fixing of the light building element with
anchorage unit **71 137** or mounting base
70 829 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 × 6²
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 × 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
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
Wind catching area: 1.55 m²
Weight: 57.0 kg

Application

Light building element with square profile and
four-sided light exit.

Lamp

Module connected wattage 55.2 W
Luminaire connected wattage 60.7 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 60^\circ\text{C}$

84 876 K4

Module designation 12x LED-0701/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 11940 lm
Luminaire luminous flux 7213 lm
Luminaire luminous efficiency 118,8 lm/W

84 876 K3

Module designation 12x LED-0701/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 11580 lm
Luminaire luminous flux 6996 lm
Luminaire luminous efficiency 115,3 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a\text{max}} = 60^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 74,000 h (L80B50)
100,000 h (L70B50)

Inrush current

Inrush current: 8 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 17 luminaires
B 16A: 28 luminaires
C 10A: 17 luminaires
C 16A: 28 luminaires

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. 84 876

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

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

Accessories

71 137 Anchorage unit
70 829 Mounting base

A separate instructions for use can be provided
upon request.

Light distribution