

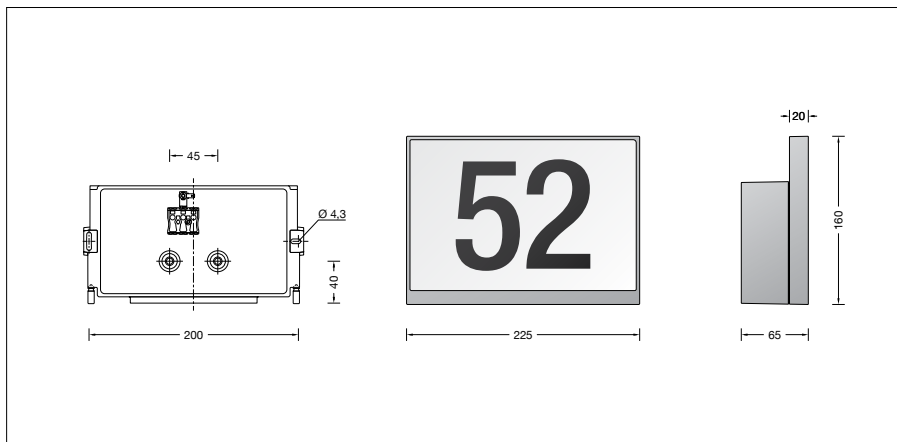
BEGA**24 457**

House number luminaire

IP 65

Project · Reference number

Date



Product data sheet

Application

House number luminaire made of die cast aluminium and impact resistant crystal glass.
For one up to three-digit numbers.
With additional downward-directed light emission for illuminating walls and the area in front of them.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
with 1-3 digit numbers
lettering height 75-120 mm
Silicone gasket
2 elongated fixing holes
Width 6 mm · 200 mm spacing
2 cable entries for through-wiring of mains
supply cable ø 7-10.5 mm
Connecting terminal and
earth conductor terminal 2.5[□]
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-280 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK06
Protection against mechanical
impacts < 1 joule
CE – Conformity mark
Weight: 1.8 kg

Lamp**Front-light emission**

Module connected wattage 1.9 W
Luminaire connected wattage 2.3 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

24 457 K3

Module designation LED-1090/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 340 lm
Luminaire luminous flux 75 lm
Luminaire luminous efficiency 32,6 lm/W

24 457 K4

Module designation LED-1090/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 360 lm
Luminaire luminous flux 80 lm
Luminaire luminous efficiency 34,8 lm/W

Down-light emission

Module connected wattage 5.8 W
Luminaire connected wattage 7 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

24 457 K3

Module designation LED-1129/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1125 lm
Luminaire luminous flux 898 lm
Luminaire luminous efficiency 128,3 lm/W

24 457 K4

Module designation LED-1129/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1160 lm
Luminaire luminous flux 926 lm
Luminaire luminous efficiency 132,3 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 61,000 h (L 80 B 50)
92,000 h (L 70 B 50)

Inrush current

Inrush current: 20 A / 80 µs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 35 luminaires
B 16 A: 56 luminaires
C 10 A: 58 luminaires
C 16 A: 94 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. 24 457

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**