

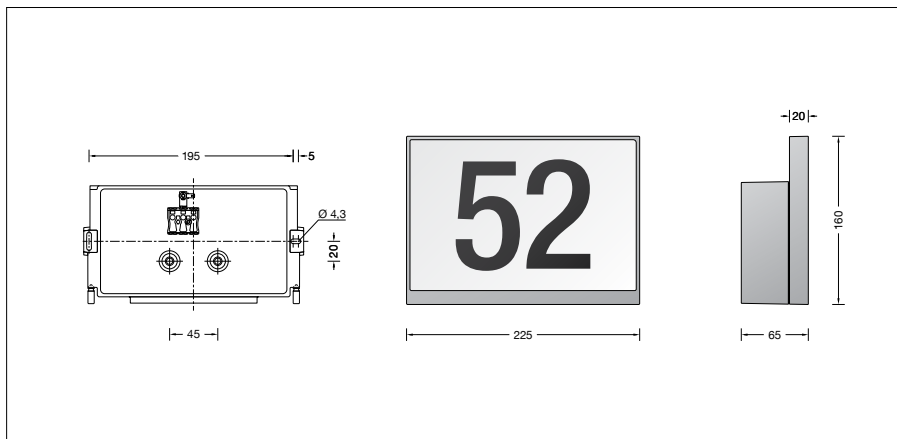
BEGA**24 457**

House number luminaire



Project · Reference number

Date





Product data sheet

Application

House number luminaire made of aluminium alloy with 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
Safety glass, white
with 1-3 digit numbers
lettering height 100 mm
Silicone gasket
2 elongated fixing holes
Width 6 mm · 195 mm spacing
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm
Connecting terminal and
earth conductor terminal 2.5[□]
LED power supply unit
220-240 V \sim 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
 – Safety mark
 – 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 max. $t_a = 50\text{ °C}$ (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 μ s
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

Lighting technology

Luminaire data for the DIALux lighting design
program for outdoor lighting, street lighting
and indoor lighting, as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website at 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**