

BEGA**24 455**

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.

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 · 177 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[□]
BEGA Ultimate Driver®
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-264 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
CE – Conformity mark
Weight: 1.6 kg
This product contains light sources of energy efficiency class(es) C

Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ °C}$

24 455 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	30 lm/W

24 455 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	32 lm/W

Ratio of luminous flux

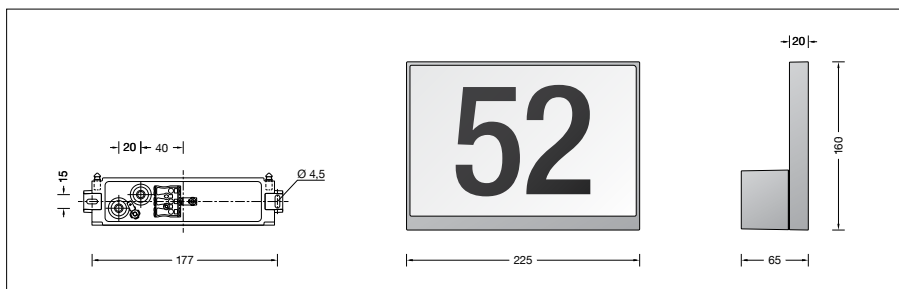
Luminous flux upper half-space	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:

0-2-0

CEN Flux Code according to EN 13032-2:

13-37-67-50-100-13-37-67-50



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: 190,000 h (L 80 B 50)

Ambient temperature max. $t_a = 60\text{ °C}$ (100 %)

LED psu: 50,000 h
LED module: 130,000 h (L 80 B 50)

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.

Inrush current

Inrush current: 7 A / 102 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 60 luminaires
B 16 A: 96 luminaires
C 10 A: 100 luminaires
C 16 A: 161 luminaires

Article No. 24 455

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**