

BEGA**44 437**

Wall luminaire



Project · Reference number

Date



Product data sheet

Application

LED wall luminaire with double-sided light output. Luminaire with uniform light distribution for the illumination of walls, ceilings and advertising spaces as well as for glare-free illumination of floor spaces.

Product description

Luminaire made of aluminium and stainless steel
Safety glass, white

Silicone gasket

Mounting bar with 2 elongated holes

7 mm width, 700 mm spacing

2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5G1.5[□]

Connecting terminal 2.5[□]

with plug connection

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

DALI controllable

A basic isolation exists between power cable and control line

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

Weight: 10.2 kg

Inrush current

Inrush current: 5 A / 50 μ s

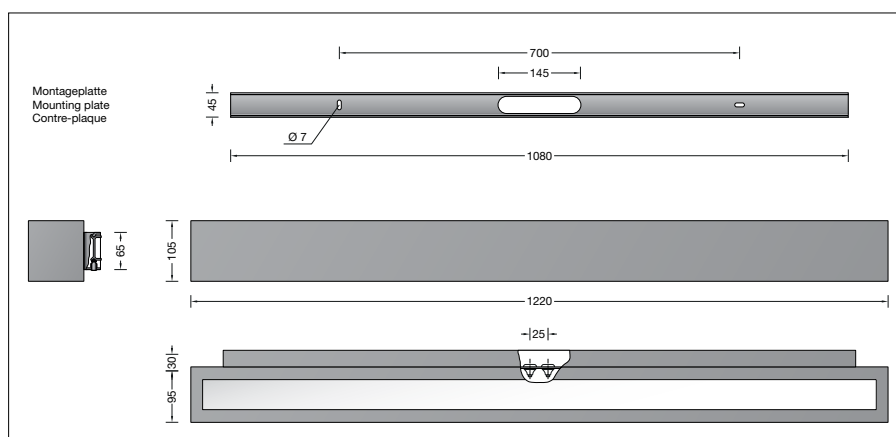
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 31 luminaires

B16A: 50 luminaires

C10A: 52 luminaires

C16A: 85 luminaires



Lamp

Module connected wattage 23.2 W

Luminaire connected wattage 27 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 50$ °C

On request we can offer you modifications for environments with higher temperatures as a customized product.

44 437 K3

Module designation 4x LED-0370/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 4360 lm

Luminaire luminous flux 1185 lm

Luminaire luminous efficiency 43,9 lm/W

44 437 K4

Module designation 4x LED-0370/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 4460 lm

Luminaire luminous flux 1212 lm

Luminaire luminous efficiency 44,9 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C

– at 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C

– at 50,000h: L90B10

– at > 500,000h: L70B50

max. ambient temperature $t_a = 50$ °C

– at 50,000h: L80B10

– at 235,000h: L70B50

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. 44 437

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**