

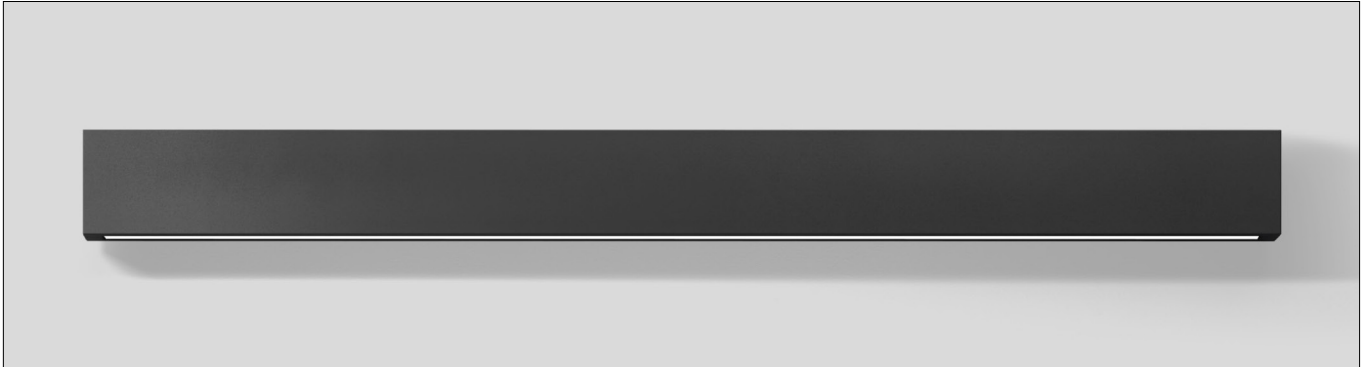
BEGA**44 438**

Wall luminaire



Project · Reference number

Date



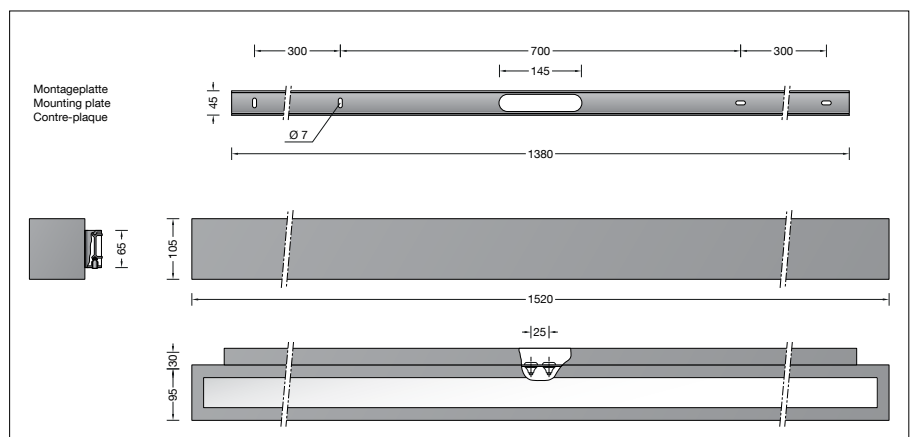
Product data sheet

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 4 elongated holes 7 mm wide, 1300 mm, 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 176-276 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: 12.7 kg



Lamp

Module connected wattage	30.4 W
Luminaire connected wattage	33.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

44 438 K3

Module designation	8x LED-0368/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6120 lm
Luminaire luminous flux	1736 lm
Luminaire luminous efficiency	51,4 lm/W

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Module designation	8x LED-0368/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6280 lm
Luminaire luminous flux	1781 lm
Luminaire luminous efficiency	52,7 lm/W

Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 50\text{ °C}$
 – at 152,000h: L70B50

Inrush current

Inrush current: 32 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 18 luminaires
 B16A: 30 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. 44 438

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**

Light distribution

