

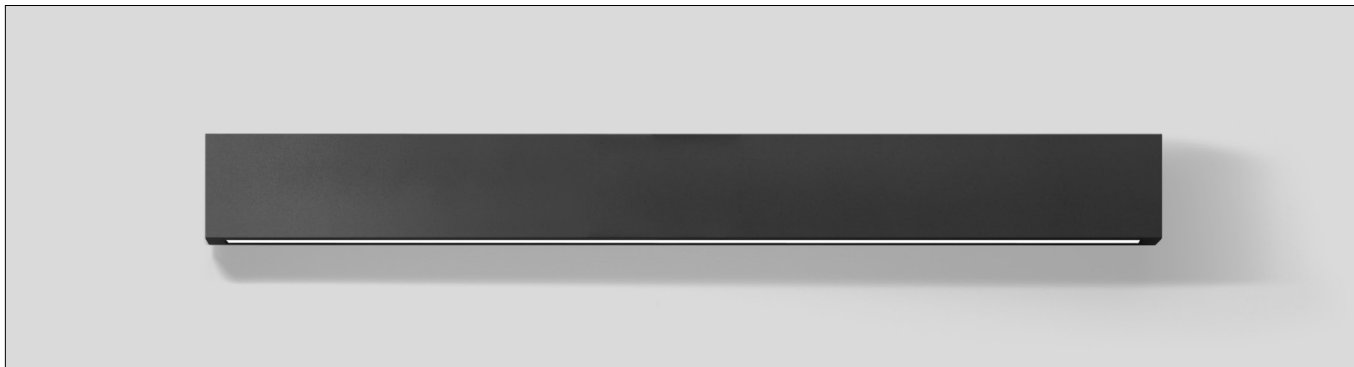
BEGA**44 418**

Wall luminaire



Project · Reference number

Date



Product data sheet

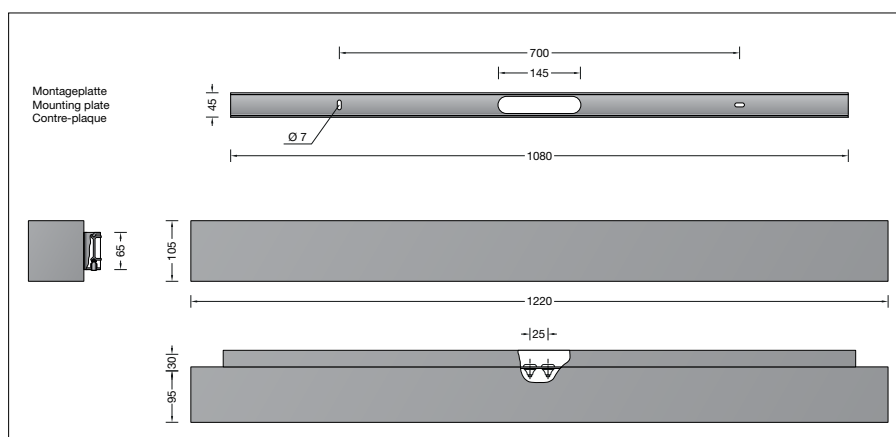
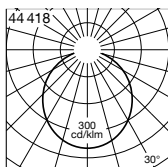
Application

LED wall luminaire with single-sided light output, optionally directed downwards or sideways. Luminaire with uniform light distribution for the illumination of walls and advertising spaces as well as for glare-free illumination of floor spaces.

Product description

Luminaire made of aluminium and stainless steel
 BEGA Tricoat® coating technology
 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. 5 G 1.5[□]
 Connecting terminal 2.5[□]
 with plug connection
 Earth conductor connection
 2-pole connecting terminal for digital control
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 DALI controllable
 A basic isolation exists between power cable and control line
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 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: 9.5 kg

Light distribution



Lamp

Module connected wattage	22.8 W
Luminaire connected wattage	25.8 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$

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Module designation	2x LED-0377/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4590 lm
Luminaire luminous flux	1293 lm
Luminaire luminous efficiency	50,1 lm/W

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Module designation	2x LED-0377/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4720 lm
Luminaire luminous flux	1329 lm
Luminaire luminous efficiency	51,5 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	122,000 h (L 80 B 50)

Inrush current

Inrush current:	5 A / 100 μs
Maximum number of luminaires of this type per miniature circuit breaker:	
B 10A:	42 luminaires
B 16A:	68 luminaires
C 10A:	42 luminaires
C 16A:	68 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. 44 418

LED colour temperature optionally 3000K or 4000K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**
 Colour graphite or silver
 graphite – article number
 silver – article number + **A**