

BEGA**31 033**

Wall luminaire » Schaffhausen «



Project · Reference number



Date

Product data sheet

Application

LED wall luminaire with asymmetrical flat beam light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Clear synthetic cover with optical structure
 Reflector made of pure anodised aluminium
 Mounting plate with 3 fixing holes \varnothing 6.5 mm
 Angle 120° · Pitch circle \varnothing 122 mm
 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
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 During DC operation the LED power is reduced to 50 %
 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 IK10
 Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
 Weight: 6.9 kg

Inrush current

Inrush current: 5 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 27 luminaires
 B 16A: 44 luminaires
 C 10A: 27 luminaires
 C 16A: 44 luminaires

Lamp

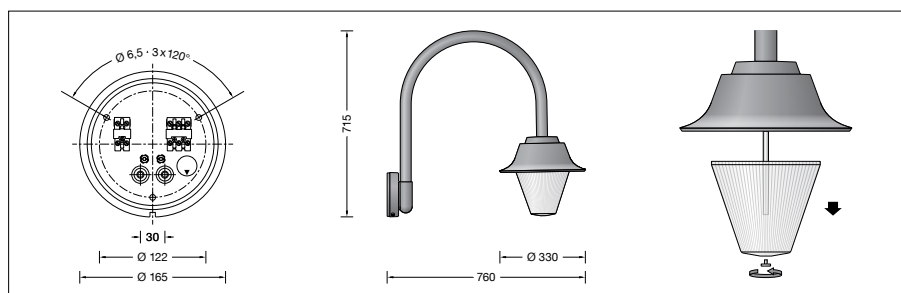
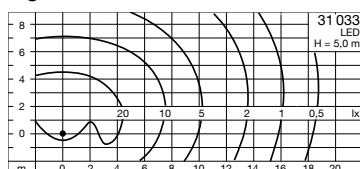
Module connected wattage	35.2 W
Luminaire connected wattage	39.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

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

31 033 K3

Module designation	LED-0842/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6675 lm
Luminaire luminous flux	4714 lm
Luminaire luminous efficiency	119,3 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
 – at 487,000 h: L70B50

max. ambient temperature $t_a = 35^\circ\text{C}$
 – at 259,000 h: 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.