

BEGA**31 033**

Wall luminaire » Schaffhausen «



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with asymmetrical flat beam light distribution.

Product description

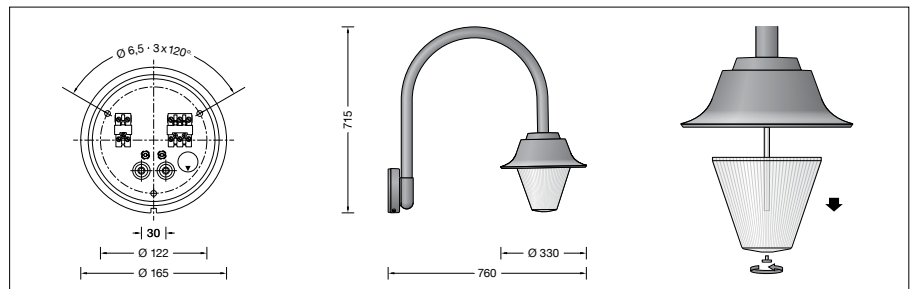
Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Clear synthetic cover with optical structure
Reflector made of pure anodised aluminium
Mounting plate with 3 fixing holes \varnothing 6.5 mm
Angle 120° · Pitch circle \varnothing 122 mm
2 cable entries for 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
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DALI-controllable
Number of DALI addresses: 1
Basic insulation is provided between the mains
and control cables
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 IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 6.9 kg
This product contains light sources of energy
efficiency class(es) C

Lamp

Module connected wattage	35.3 W
Luminaire connected wattage	38.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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Module designation	LED-0842/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6675 lm
Luminaire luminous flux	4741 lm
Luminaire luminous efficiency	123,1 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	> 200,000h (L80 B50) 100,000h (L90 B50)
Ambient temperature max. $t_a = 40$ °C (100 %)	
LED psu:	50,000h
LED module:	100,000h (L80 B50)

Ambient temperature max. $t_a = 50$ °C (82 %)	
LED psu:	> 50,000h
LED module:	> 50,000h (L70 B50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Inrush current

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

B 10A:	28 luminaires
B 16A:	45 luminaires
C 10A:	28 luminaires
C 16A:	48 luminaires

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.

Light distribution

