

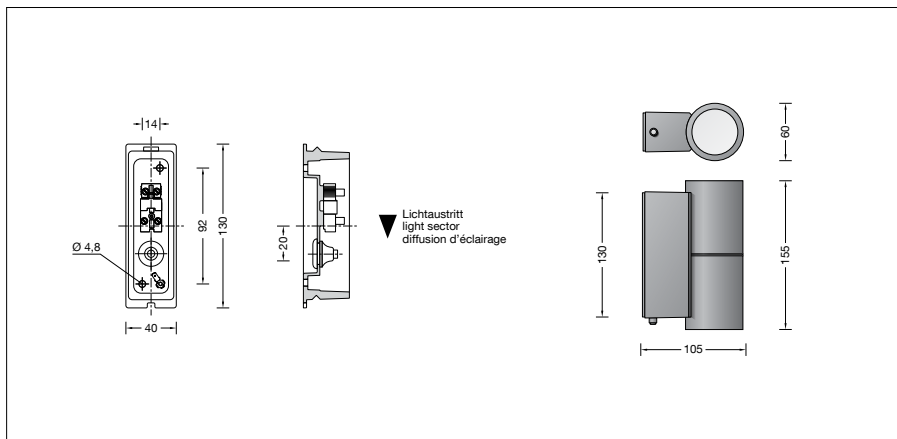
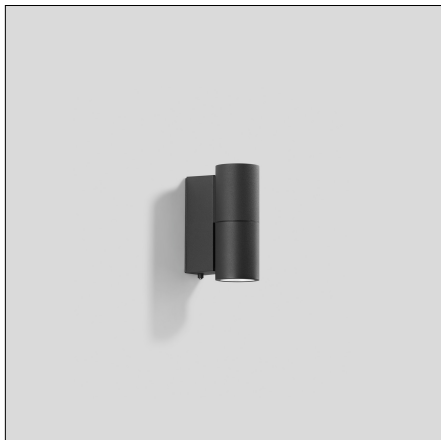
BEGA**66 649**

Wall luminaire



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite, silver or white
 Clear safety glass
 Silicone gasket
 Reflector made of pure anodised aluminium
 Mounting plate with 2 fixing holes \varnothing 4,8 mm · 92 x 14 mm spacing
 1 cable entry for mains supply cable up to \varnothing 10,5 mm
 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 176-280 V
 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 IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Weight: 0.75 kg
 This product contains light sources of energy efficiency class(es) E

Application

Wall luminaire with single-sided light output for illumination and design tasks in architecture. The luminaire can be installed with the light distribution opening upwards or downwards.

Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.9 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 55\text{ }^\circ\text{C}$

66 649 K3

Module designation	LED-0684/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	295 lm
Luminaire luminous flux	164 lm
Luminaire luminous efficiency	56,6 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 max. $t_a = 55\text{ }^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	170,000 h (L 80 B 50)

Lighting technology

Half beam angle 20°

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 our website at www.bega.com.

Dark Sky

For installation with light emission downwards, the light from this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light is emitted at all into the upper half-space of the luminaire.

Inrush current

Inrush current: 3.5 A / 25 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 50 luminaires
 B 16 A: 50 luminaires
 C 10 A: 80 luminaires
 C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:
 0–0–0

CEN Flux Code according to EN 13032-2:
 99–100–100–100–100

BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

Article No. 66 649

Colour optionally graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**

Light distribution

