

BEGA**66 516**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with two-sided light output.
For illumination and design tasks in architecture.
The light directed downwards is intended to illuminate the wall and the horizontal surface in front of it.

The light directed upwards is intended to illuminate the wall and ceiling surfaces.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Mounting plate with 2 fixing
holes \varnothing 4.3 mm · 160 x 14 mm spacing
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm
Connecting terminal 2.5²
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 IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 3.4 kg

Lamp

Module connected wattage 15.8 W
Luminaire connected wattage 19 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$

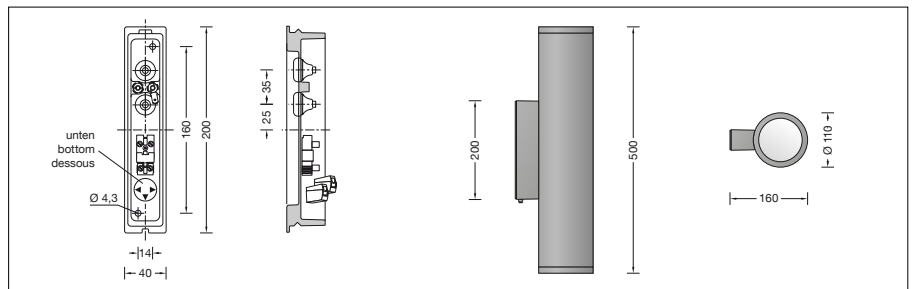
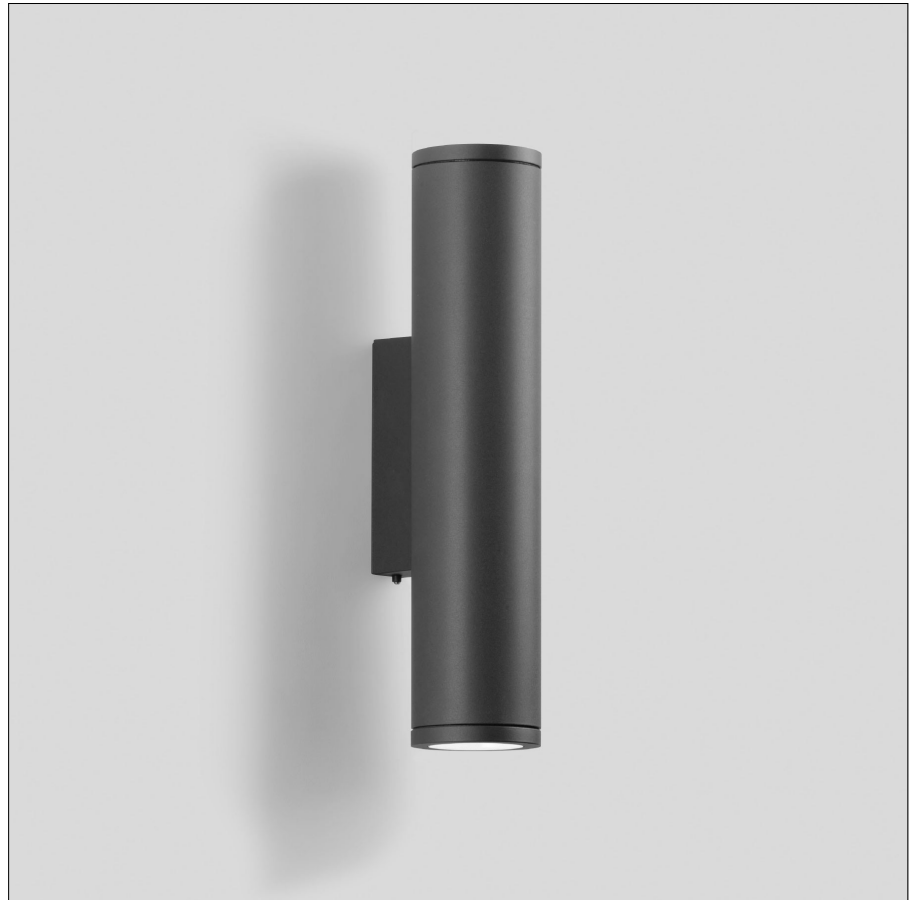
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

66 516 K3

Module designation 2x LED-0733/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 2250 lm
Luminaire luminous flux 1524 lm
Luminaire luminous efficiency 80,2 lm/W

66 516 K4

Module designation 2x LED-0733/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 2370 lm
Luminaire luminous flux 1606 lm
Luminaire luminous efficiency 84,5 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: > 200,000h (L80B50)
100,000h (L90B50)

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 180,000h (L80B50)

Lighting technology

Half beam angle 21°
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
interior lighting as well as luminaire data in
EULUMDAT and IES format are available on our
website www.bega.com.

Inrush current

Inrush current: 12 A / 24.2 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: 50 luminaires
C 16 A: 50 luminaires

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LED colour temperature optionally 3000 K
or 4000 K

3000 K – Article number + **K3**
4000 K – Article number + **K4**

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

Light distribution

