BEGA 24 537

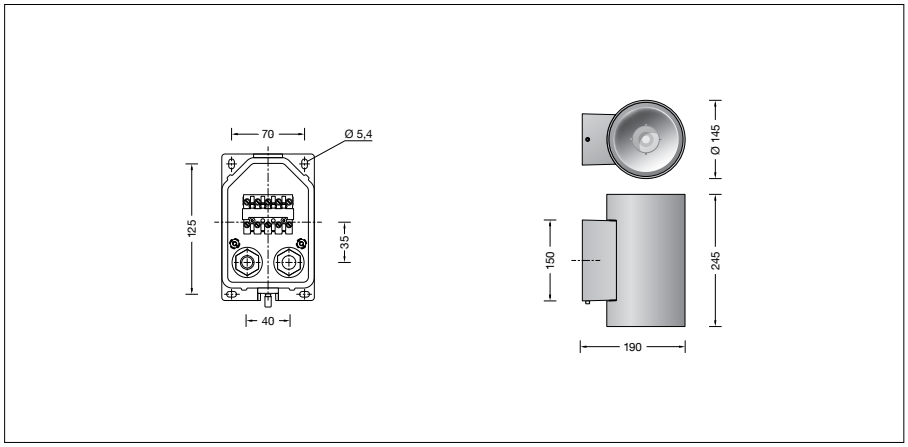
Wall luminaire

IP 65

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
Matt safety glass
Reflector surface made of pure aluminium
Mounting plate with 4 elongated holes, width 5.4 mm, distance 70 x 125 mm
2 screw cable glands with strain relief for through-wiring power connecting cable ø 7–12 mm
1 screw cable gland closed at the factory with a dummy plug
Connecting terminal 2.5□ with plug connection
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V ∿ 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 IK03
Protection against mechanical impacts < 0.35 joule
10 DE – Safety mark
CE – Conformity mark
Weight: 3.8 kg
This product contains light sources of energy efficiency class(es) D

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.

Lamp

Module connected wattage	35.4 W
Luminaire connected wattage	39 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 35 °C

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Module designation	2x LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5960 lm
Luminaire luminous flux	1897 lm
Luminaire luminous efficiency	48,6 lm / W

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Module designation	2x LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6120 lm
Luminaire luminous flux	1948 lm
Luminaire luminous efficiency	49,9 lm / W

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu: > 50,000 h
LED module: 140,000 h (L 80 B 50)

Ambient temperature max. t_a = 35 °C (100 %)
LED psu: 50,000 h
LED module: 110,000 h (L 80 B 50)

Ambient temperature max. t_a = 50 °C (82 %)
LED psu: > 50,000 h
LED module: > 50,000 h (L 70 B 50)

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

Lighting technology
Wall luminaire with narrow beam light distribution.
Half beam angle of the light distribution in both half spaces 14°.
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 are available on the BEGA website at www.bega.com.

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.

Ratio of luminous flux

Luminous flux upper half-space	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:
1–3–0
CEN Flux Code according to EN 13032-2:
99–100–100–50–100–99–100–100–50

Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 28 luminaires
B 16 A: 45 luminaires
C 10 A: 28 luminaires
C 16 A: 48 luminaires

Article No. 24 537
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

