

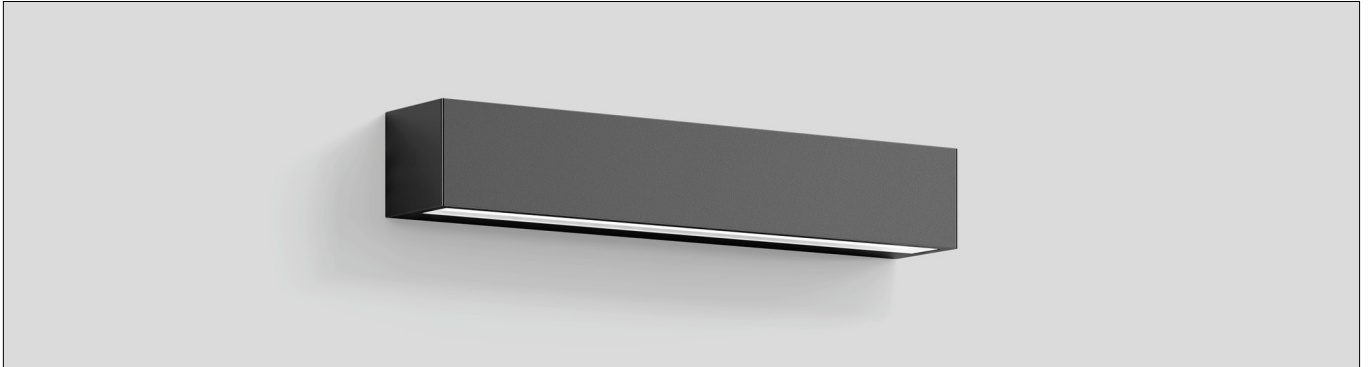
BEGA**24 585**

Wall luminaire

 IP 65



Project · Reference number

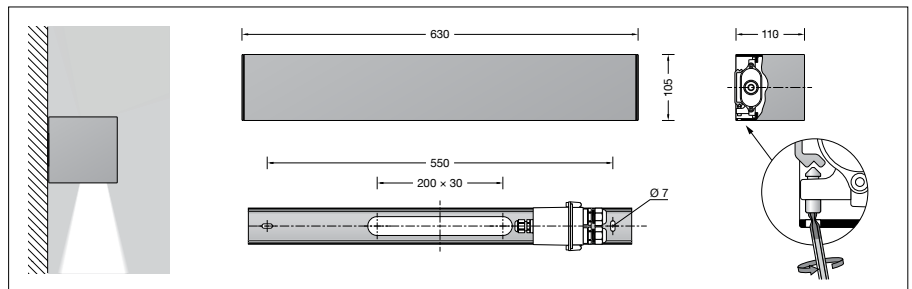
Date



Product data sheet

Product description

Luminaire made of aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 Safety glass with optical structure
 Reflector made of pure anodised aluminium
 Mounting bar with 2 elongated holes
 7 mm width, 550 mm spacing
 Connection box with 2 cable entries for through-wiring of the mains supply cable
 \varnothing 5-13 mm, max. 5x2,5²
 Connecting terminals
 and earth conductor terminal 2,5²
 Complies with flicker requirements in accordance with IEEE 1789, DIN IEC/TR 63158, DIN IEC/TR 61547-1
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 V
 During DC operation the LED power is reduced to 15 %
 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 IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 6.0 kg
 This product contains light sources of energy efficiency class(es) C



Application

Wall luminaire with light emission on one side and symmetrical light distribution to illuminate façade and wall surfaces.
 A luminaire which allows interesting illumination concepts individually, in rows or groups.
 The luminaire can be installed in any burning position.

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.

Lamp

| | |
|-----------------------------|---|
| Module connected wattage | 23.2 W |
| Luminaire connected wattage | 26.5 W |
| Rated temperature | $t_a = 25 \text{ }^\circ\text{C}$ |
| Ambient temperature | $t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$ |

24 585 K3

| | |
|-------------------------------|-----------------|
| Module designation | 2x LED-1204/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 4510 lm |
| Luminaire luminous flux | 2188 lm |
| Luminaire luminous efficiency | 82,6 lm/W |

24 585 K4

| | |
|-------------------------------|-----------------|
| Module designation | 2x LED-1204/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 4640 lm |
| Luminaire luminous flux | 2251 lm |
| Luminaire luminous efficiency | 84,9 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. $t_a = 50 \text{ }^\circ\text{C}$ (100 %)

| | |
|-------------|-----------------------|
| LED psu: | 50,000 h |
| LED module: | 200,000 h (L 80 B 50) |
| | 100,000 h (L 90 B 50) |

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.

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 31 luminaires
 B 16 A: 50 luminaires
 C 10 A: 52 luminaires
 C 16 A: 85 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:
 2-0-0

CEN Flux Code according to EN 13032-2:
 77-94-99-100-100

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. 24 585

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Light distribution

