

BEGA**24 590**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Non-shielded LED wall luminaire with mouth-blown opal glass for a soft and uniform light distribution.

Wall luminaire whose elongated design makes it particularly suitable for mounting on pillars, columns and for the front surface of walls, as well as for local cavities or profiles.

The luminaire can be installed horizontally or vertically.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

BEGA Unidure® coating technology

Opal glass

Silicone gasket

The electrical equipment can be hinged

2 mounting holes \varnothing 6 mm

Distance apart 230 mm

Line connector for mains supply cable

up to \varnothing 13 mm max. $5 \times 1,5^{\text{d}}$

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

A basic isolation exists between power cable and control line

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

– Safety mark

– Conformity mark

Weight: 2.4 kg

Lamp

Module connected wattage 15.6 W

Luminaire connected wattage 19 W

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$

Ambient temperature $t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

24 590 K3

Module designation 4x LED-0626/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2360 lm

Luminaire luminous flux 1538 lm

Luminaire luminous efficiency 80,9 lm/W

24 590 K4

Module designation 4x LED-0626/840

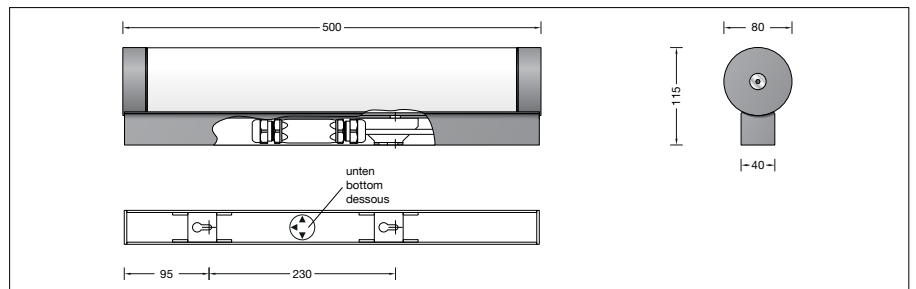
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 2360 lm

Luminaire luminous flux 1538 lm

Luminaire luminous efficiency 80,9 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$

LED psu: > 50,000h

LED module: 145,000h (L80B50)

Ambient temperature $t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$ (100 %)

LED psu: 50,000h

LED module: 44,000h (L80B50)

LED module: 68,000h (L70B50)

Light technique

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 you will find on the BEGA web page www.bega.com.

Inrush current

Inrush current: 20 A / 200 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 14 luminaires

B 16A: 24 luminaires

C 10A: 14 luminaires

C 16A: 24 luminaires

Article No. 24 590

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 + **A**
silver – article number + **A**

Light distribution

