

BEGA**24 590**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Non-shielded 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 8-14 mm, max. $5 \times 1,5^2$
 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
 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
 – Safety mark
 – Conformity mark
 Weight: 2.4 kg
 This product contains light sources of energy efficiency class(es) C

Lamp

Module connected wattage	15.2 W
Luminaire connected wattage	18.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

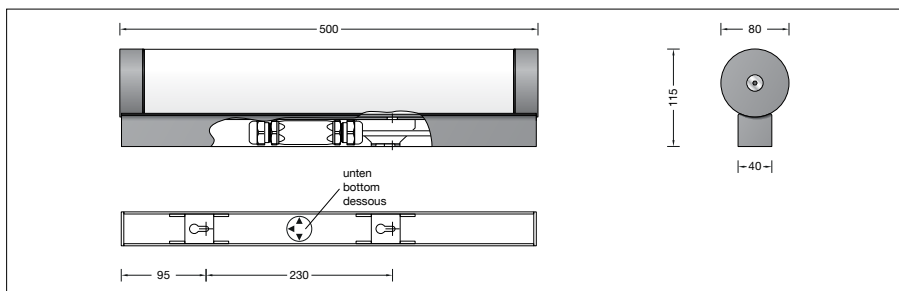
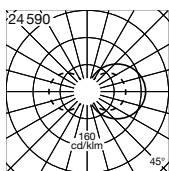
24 590 K3

Module designation	4x LED-0626/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2940 lm
Luminaire luminous flux	1716 lm
Luminaire luminous efficiency	92,3 lm/W

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Module designation	4x LED-0626/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2980 lm
Luminaire luminous flux	1739 lm
Luminaire luminous efficiency	93,5 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000 h
 LED module: 145,000 h (L 80 B 50)

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 44,000 h (L 80 B 50)
 68,000 h (L 70 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.

Ratio of luminous flux

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

BUG rating according to IES TM-15-07:
 1-3-1
 CEN Flux Code according to EN 13032-2:
 13-37-67-50-100-13-37-67-50

Inrush current

Inrush current: 20 A / 200 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 14 luminaires
 B 16 A: 24 luminaires
 C 10 A: 14 luminaires
 C 16 A: 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
 silver – article number + **A**