

BEGA**24 505**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded wall luminaire with four sided light output. Luminaire with square layout which because of its elongated shape is especially suitable for installation on columns, wall pillars and wall faces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 White synthetic diffuser
 Silicone gasket
 2 mounting holes \varnothing 6 mm
 Distance apart 310 mm
 Connection box with 2 cable entries for through-wiring of the mains supply cable from \varnothing 5-13 mm, max. $5 \times 2,5^2$
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-280 V
 BEGA Thermal Switch®
 Temporary thermal shutdown to protect temperature-sensitive components
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 5.1 kg

Lamp

Module connected wattage	11.4 W
Luminaire connected wattage	14.3 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$

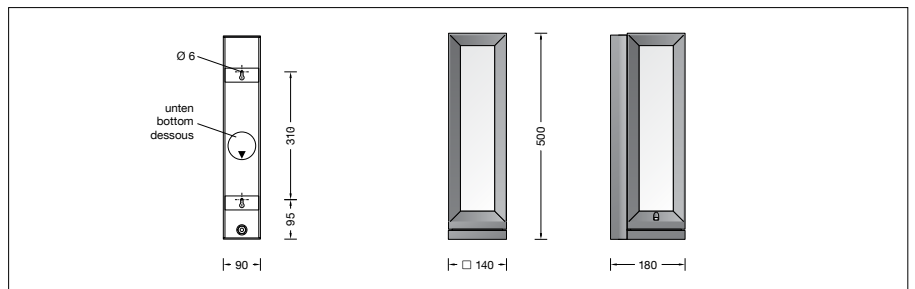
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 505 K3

Module designation	3x LED-0701/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2265 lm
Luminaire luminous flux	1206 lm
Luminaire luminous efficiency	84,3 lm/W

24 505 K4

Module designation	3x LED-0701/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2340 lm
Luminaire luminous flux	1246 lm
Luminaire luminous efficiency	87,1 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 (L80 B50)
 100,000 h (L90 B50)

Ambient temperature $t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

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: 27 A / 250 μs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 17 luminaires
 B 16 A: 27 luminaires
 C 10 A: 28 luminaires
 C 16 A: 46 luminaires

Article No. 24 505

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

