

BEGA**24 362**

Wall washer



Project · Reference number

Date



Product data sheet

Application

LED wall washer with asymmetrical light distribution for illuminating wall, ceiling and floor surfaces.

The luminaire can be installed with the light distribution opening upwards or downwards.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Clear safety glass
 Silicone gasket
 Reflector made of pure anodised aluminium
 2 mounting holes \varnothing 4.5 mm
 Distance apart 200 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
 Connecting terminal and earth conductor terminal 2.5[□]
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-276 V
 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 IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 2.6 kg

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.

Lamp

Module connected wattage	33.6 W
Luminaire connected wattage	38 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 25^\circ\text{C}$

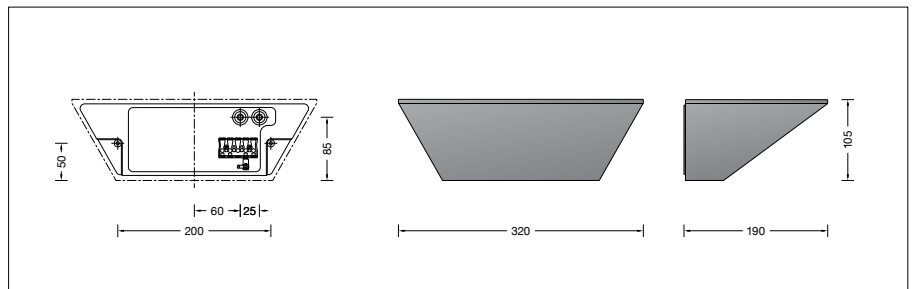
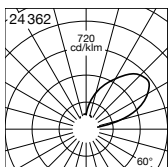
24 362 K3

Module designation	LED-0609/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4645 lm
Luminaire luminous flux	3727 lm
Luminaire luminous efficiency	98,1 lm/W

24 362 K4

Module designation	LED-0609/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4645 lm
Luminaire luminous flux	3727 lm
Luminaire luminous efficiency	98,1 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000 h
 LED module: 51,000 h (L80 B50)
 77,000 h (L70 B50)

Ambient temperature $t_{a\text{max}} = 25^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 51,000 h (L80 B50)
 77,000 h (L70 B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (65 %)
 LED psu: 50,000 h
 LED module: 50,000 h

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

Inrush current

Inrush current: 20 A / 400 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 9 luminaires
 B 16 A: 15 luminaires
 C 10 A: 16 luminaires
 C 16 A: 25 luminaires

Article No. 24 362

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**