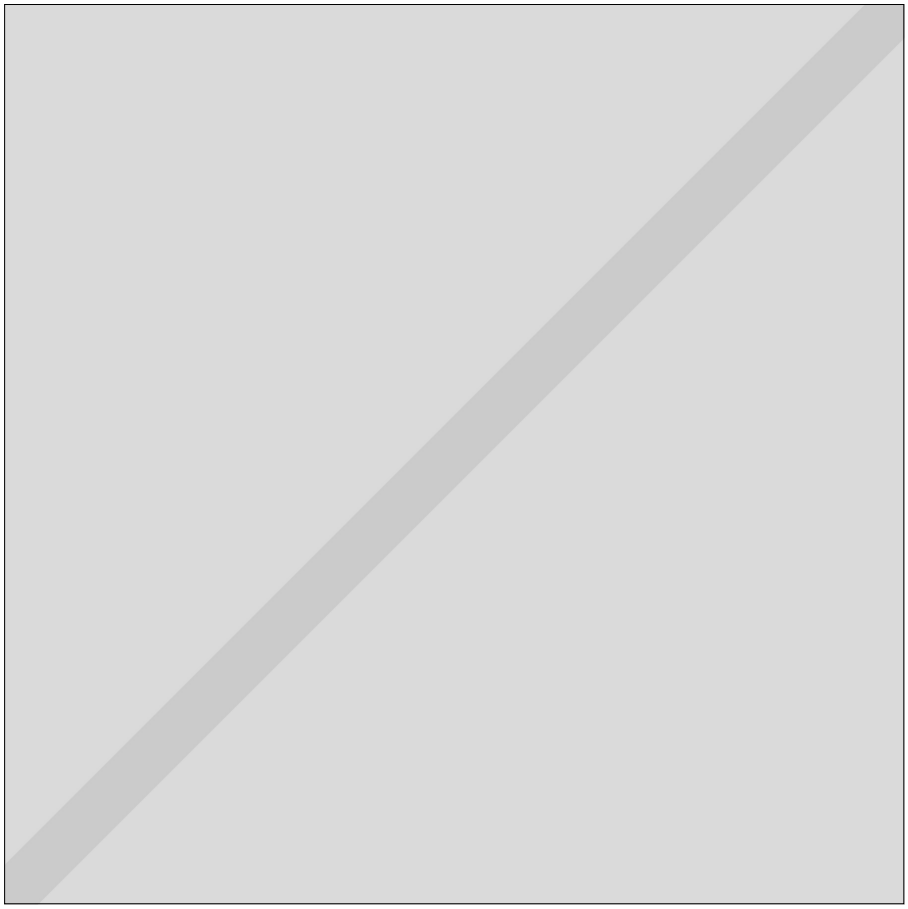
BEGA 24 396

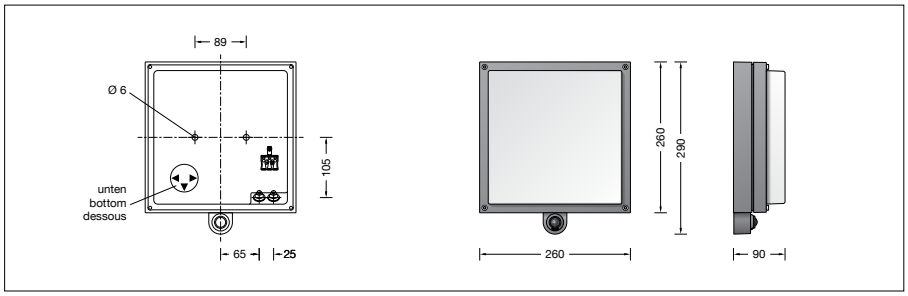
Wall luminaire with PIR motion and light sensor IP 65

Project · Reference number

Date

Product data sheet





Application
Unshielded LED wall luminaire with integral passive infrared motion and light sensor.
A luminaire made of die-cast aluminium and impact-resistant crystal glass.
The integrated passive infrared motion and light sensor responds to heat radiation and activates in case of human or animal movement in the vicinity of the sensor.
Configuration is done via a smartphone using the free BEGA Tool app.

Product description
Luminaire made of aluminium alloy, aluminium and stainless steel
Crystal glass, white inside
Silicone gasket
2 mounting holes ø 6 mm
Distance apart 89 mm
2 cable entries for through-wiring of mains supply cable ø 7-12 mm
Connection terminal 0,5 - 2,5□
Earth conductor connection
Passive infrared motion sensor (PIR)
Specified range 10 m
Opening angle horizontal 110°
Opening angle vertical 93°
Minimum temperature difference between moving object and environment 4 °C
Object speed 1 m/s
Adjustable sensitivity of the motion sensor (inertia)
Shut-down delay adjustable between 5 s and 240 min
Light sensor: adjustable value range from darkness to daylight
Fixed time hysteresis for the suppression of rapid brightness fluctuations
Dimmable luminaire (0 to 100%)
Adjustable basic brightness
Transmission frequency range:
2400 - 2483.5 MHz
Maximum transmission output: 10 mW
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
DC Start ≥ 198 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
CE – Conformity mark
Weight: 3.5 kg

Inrush current
Inrush current: 20 A / 170 µs
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

Lamp

Module connected wattage	5.9 W
Luminaire connected wattage	8 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

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

24 396 K3

Module designation	LED-1051/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1010 lm
Luminaire luminous flux	508 lm
Luminaire luminous efficiency	63,5 lm/W

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Module designation	LED-1051/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1065 lm
Luminaire luminous flux	536 lm
Luminaire luminous efficiency	67 lm/W

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.

Article No. 24 396
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**

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu: > 50,000 h
LED module: 200,000 h (L 80 B 50)

Ambient temperature $t_{a\,max}$ = 40 °C (100 %)
LED psu: 50,000 h
LED module: 160,000 h (L 80 B 50)

Light distribution