

BEGA**24 183**

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 an impact-resistant synthetic cover.
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

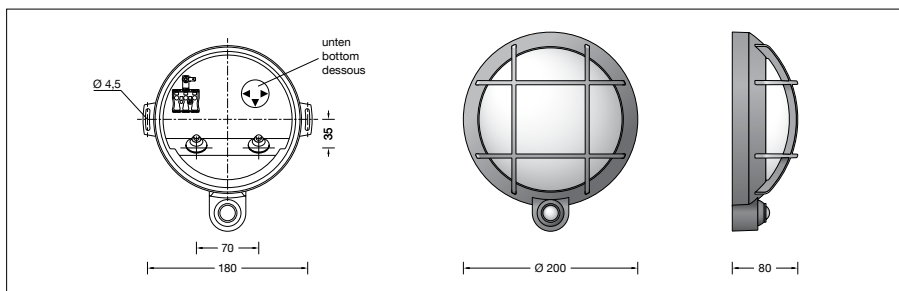
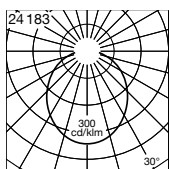
Luminaire made of aluminium alloy, aluminium and stainless steel
Crystal glass, white inside
Silicone gasket
2 mounting holes \varnothing 4.5 mm
Distance apart 180 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-12 mm
Connection terminal 0,5-2,5[□]
Earth conductor connection
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 \sim 0/50-60 Hz
DC 176-264 V
DC Start \geq 198 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
CE – Conformity mark

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 / 170 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Light distribution**Lamp**

Module connected wattage	7 W
Luminaire connected wattage	10.5 W
Rated temperature	$t_a = 25$ °C
Service life criteria	50 000 h/L ₇₀

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Module designation	LED-1037/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1160 lm
Luminaire luminous flux	694 lm
Luminaire luminous efficiency	66,1 lm/W

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Module designation	LED-1037/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1220 lm
Luminaire luminous flux	729 lm
Luminaire luminous efficiency	69,4 lm/W

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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**