

Project · Reference number

Date

Product data sheet

Application

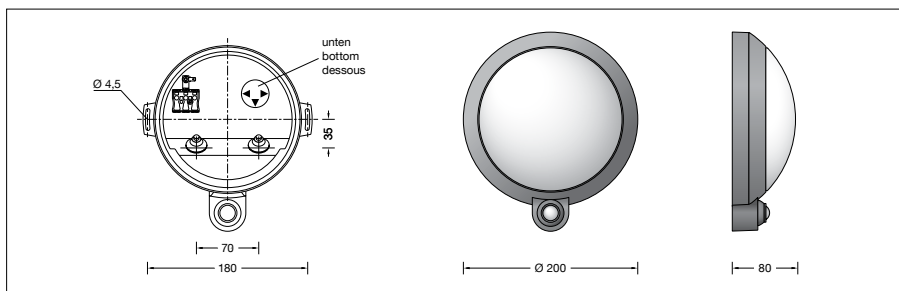
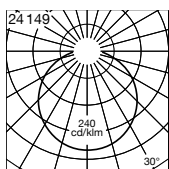
Unshielded LED wall luminaire with integral passive infrared motion and light sensor.
A luminaire made of die-cast aluminium and impact-resistant crystal glass.
The integrated passive infrared motion and light sensor responds to heat radiation and activates in case of human or animal movement in the 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
BEGA Unidure® coating technology
Crystal glass, white inside
Silicone gasket
2 mounting holes \varnothing 4.5 mm
Distance apart 178 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-12 mm
Connection terminal 0,5 - 2,5²
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
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
CE – Conformity mark
Weight: 1.6 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.

Light distribution**Lamp**

Module connected wattage 7 W
Luminaire connected wattage 9.8 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 30$ °C

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

24 149 K3

Module designation LED-1037/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1160 lm
Luminaire luminous flux 838 lm
Luminaire luminous efficiency 85,5 lm/W

24 149 K4

Module designation LED-1037/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1220 lm
Luminaire luminous flux 881 lm
Luminaire luminous efficiency 89,9 lm/W

Article No. 24 149

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**

Inrush current

Inrush current: 20 A / 170 μ s
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