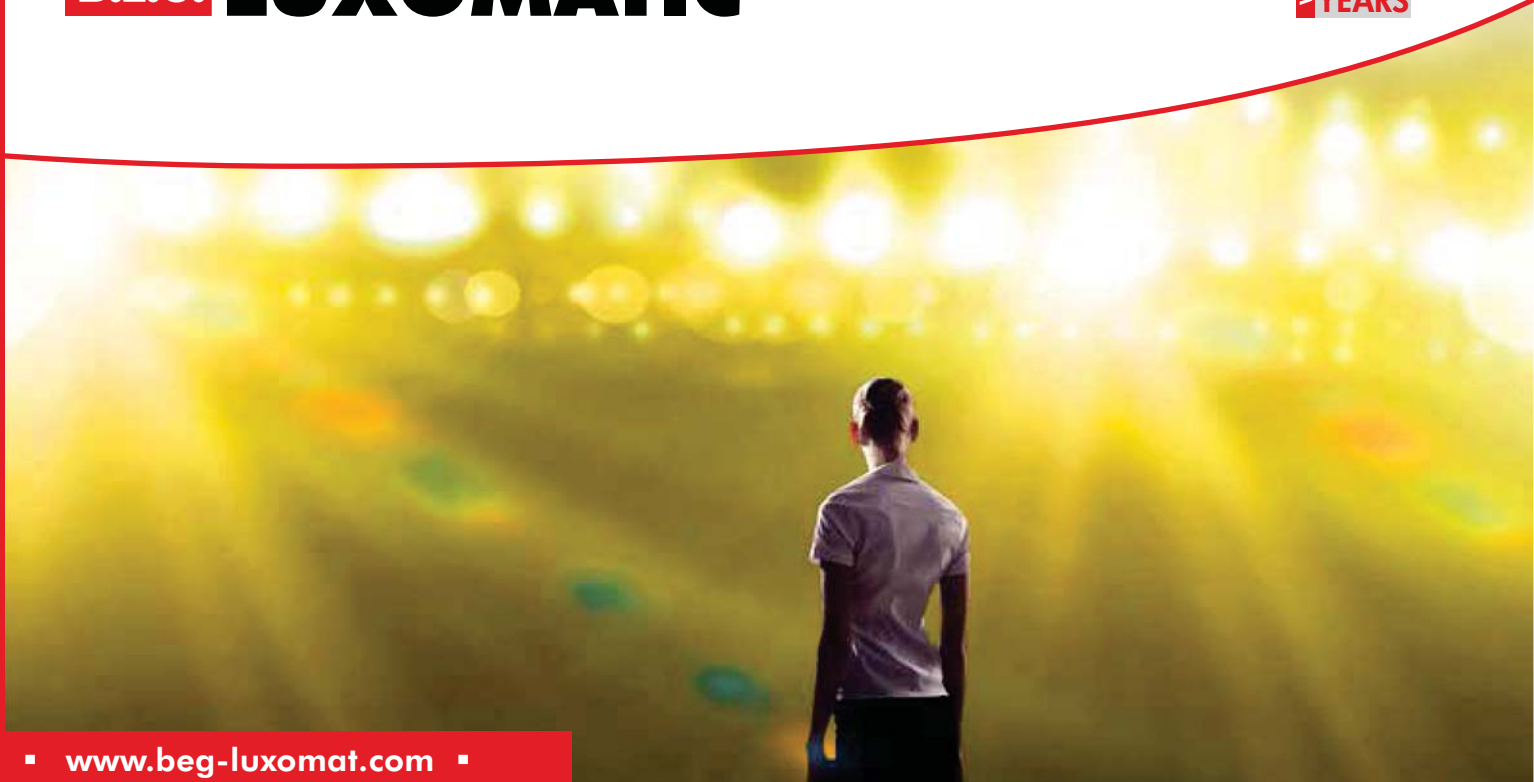


B.E.G. LUXOMATIC®

WARRANTY
3
YEARS





















▪ www.beg-luxomat.com ▪

THE NEW B.E.G.

LED LIGHTING RANGE



-  Remotely controllable
-  Radar Radar / HF technology
-  Power supply
-  Detection area
-  Switching power
-  Range (approx.) in m
-  Time settings
-  Brightness value
-  Degree of protection class I

-  Degree of protection class II
-  Dimensions
-  Ambient temperature
-  Housing
-  LED light
-  Energy efficiency class
-  typ. power input
-  Micro USB
-  E27 fitting

Three steps to finding the right device

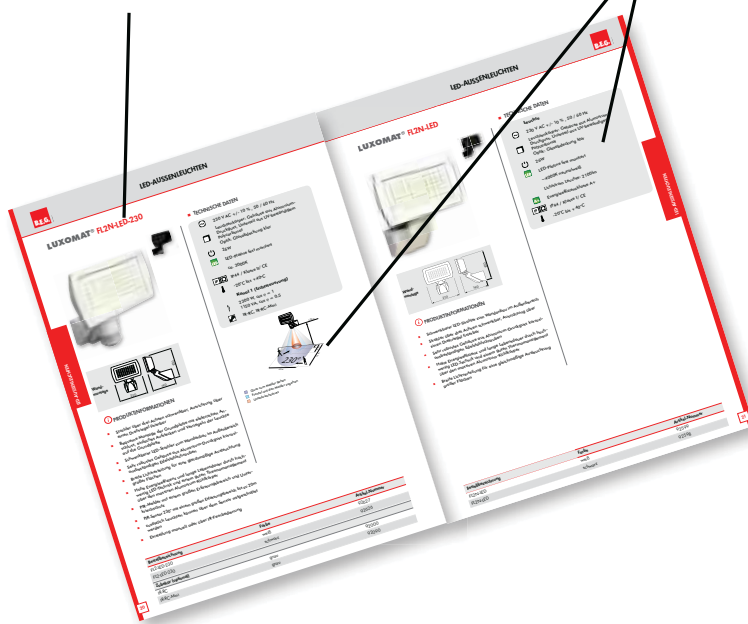
1. Application

Page tabs sorted by use or application



2. Function

Product sequence by type description and functionality



3. Technical Data

Specification by technical data and detection area



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since

1975

B.E.G. Brück Electronic GmbH – a company with a tradition

Since 40 years, the family company founded in 1975 with its headquarters in Lindlar (near Cologne) stands for quality and innovation with customer satisfaction at its heart.

The foundation stone of the products within the comprehensive range was the development and production of emergency lights. Shortly thereafter the production of emergency lighting systems followed.

B.E.G. was one of the first companies in Germany to commence the production of motion detectors and automatic lights in 1986. Since then, **B.E.G.** has produced several generations of motion detectors mainly for outdoor use on buildings that help increase security. The growth in automated systems for buildings and the resulting increase in the demand for intelligent control led to an expansion in our range of daylight- and presence-dependent occupancy detection. The cost reduction through energy saving and the protection of the environment plus the additional comfort factor are strong arguments for the use of occupancy detectors.

The new purpose-built distribution and logistics centre with an attached production and development unit in Lindlar was commissioned in 2007.

In 2014, the new administration building has been built next to the distribution and production centre. Naturally, the new centre's building services are equipped with devices from the **B.E.G.** range: all rooms and passages are fitted with KNX occupancy detectors. For controlling DALI lights, occupancy detectors, blinds and light switches, the newly-developed KNX Room Controller RCT is used. The market for energy-efficient products, such as **B.E.G.**'s occupancy detectors, has been growing strongly for years. The new administration centre and its location next to the logistics centre offer the possibility to continue **B.E.G.**'s expansion.

In order to offer the customers a clear product structure, the product range has been divided into six product lines: **LUXOMAT®**, **LUXOMATIC®**, **B.E.G. KNX**, **B.E.G. SMARTHOME®**, **SAFETYLUX®** and **CHRONOLUX**. They emphasise **B.E.G.**'s strengths: a broad product range, individual solutions, outstanding quality, and personal service. **B.E.G.** – The flexible solution.

Today, **B.E.G.** has an excellent reputation all over Germany and internationally with a steadily increasing number of offices and representatives in many countries around the world.

B.E.G. detector lights with LED technology

LED technology is the lighting of the future: This innovative light source is a technically-advanced, economical and exceedingly environmentally-friendly alternative to conventional lighting technology.

Good quality LEDs are very economical in terms of electricity consumption and have an extremely long life.

B.E.G. combines reliable electronics with high quality LED technology. An in-house developed innovative thermal management system prevents overheating of the LEDs and the electronics, thus ensuring a long lifespan.

LED lights with integrated **B.E.G.** sensor technology are the most economical solution for your customers. We have fitted our lights and floodlights with motion detectors or high frequency detectors for a variety of applications. These are used to activate the lighting only when motion is detected and there is too little daylight. This technology therefore further increases the energy efficiency of the lights.

The **B.E.G.** sensor technology used offers safe and convenient installation. Sensors can be quickly and easily adjusted to the location's requirements. Values such as range, brightness threshold and time settings can be set via potentiometers. Blinds can be used to restrict the detection area of the PIR detector.

If requirements should change, settings can be adjusted according to demand. Instead of the potentiometer, it is even easier to adjust the settings using a suitable **B.E.G.** remote control. Changes can therefore be made at the press of a button without the inconvenience of climbing a ladder.





Create a welcoming light –

LUXOMATIC® *LED interior lights*



Modern interior lighting

A recent development in the field of motion detection is the use of high-frequency technology for lighting with motion detectors. The use of this technology, at a frequency of 5.8 GHz, offers temperature-independent motion detection with extremely short response times. As detection is also possible through walls, sensor lights of this type lend themselves especially well to applications with no direct line of sight.

B.E.G. LED lights with high-frequency technology retain their original design, as the integrated motion detector is not visible. The installation procedure for ceiling and wall lights is just as quick as with ordinary lights.

Save energy indoors by using **B.E.G.** LED lights with microwave technology!



Intelligent B.E.G. microwave technology

- High-performance intelligent HF detector with many adjustment options
- Wireless communication between lights in a group
- Program and read all data of the light via the **B.E.G.** smartphone app plus adapter
- Simple transfer of all selected parameters to additional lights
- Read light and software data
- Store entire setup in smartphone



AL22-LED-HF

Part.-Nr. 91732

38140

38141

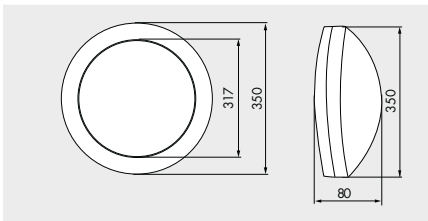
38142

38143

38144

(Design ring to be ordered separately)

LUXOMATIC® AL22-LEDN-HFR / AL22-LEDW-HFR

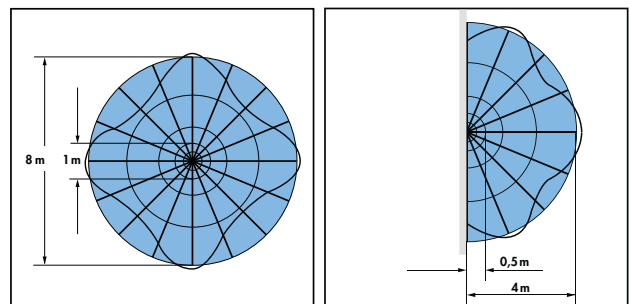


PRODUCT INFORMATION

- Flat round LED lights for wall or ceiling mounting
- High-performance microwave detector included, with wireless module for communication between lights
- Sturdy plastic case
- Replaceable outer ring in five standard colours (order separately), special colours available on request
- Simple mounting of base with electrical connection, insertion of light, secure case closing with special hidden screws
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution using diffuse light dome
- High-performance intelligent microwave detector with many adjustment options
- Wireless communication between lights in a group
- Program and read all light data via the B.E.G. smartphone app
- Adjustment options for brightness threshold, follow-up time and sensitivity of the microwave detector
- Activation of orientation light, as well as setting follow-up time and dimming value

TECHNICAL DATA

- 110 - 240 V AC , 50 / 60 Hz
- UV-resistant polycarbonate case, cover and outer ring. Heatsink and LED circuit board consist of aluminum
Lens: polycarbonate diffuser, white
- 21W
- LED circuit board securely mounted
AL22-LEDN: 4000K neutral white
AL22-LEDW: 3000K warm white
Luminous flux, LED lamp: 2150 lm
Luminous flux, light: 1750 lm
- Energy efficiency class A+
- IP54 / Class I / CE
- 20°C to +40°C
- Microwave detector**
- 5.8 GHz, wireless communication: 868 MHz
- 1000 VA cos φ = 0,5
- 360°
- 10 - 2000 Lux
- Main light: 10 s - 240 min
Orientation light: 0 s - 240 min or permanently
- IR-Adapter for Smartphones with App (iOS / Android)

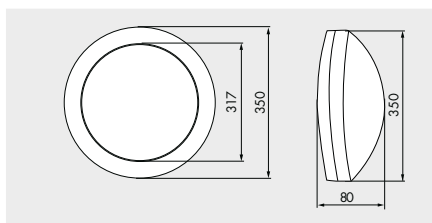


Walking across or towards
 The range depends on size and speed of the object.

Description	Colour	Part number
AL22-LEDN-HFR, without design ring	white	91733
AL22-LEDW-HFR, without design ring	white	91738
Design rings (ordered separately)	white/ white-aluminium/ melon yellow/ fire red/ anthracite	38140/ 38141/ 38142/ 38143/ 38144
Accessory		
IR-Adapter for Smartphones	black	92726

LUXOMATIC® AL22-LEDN / AL22-LEDW

INTERIOR LED LIGHTS

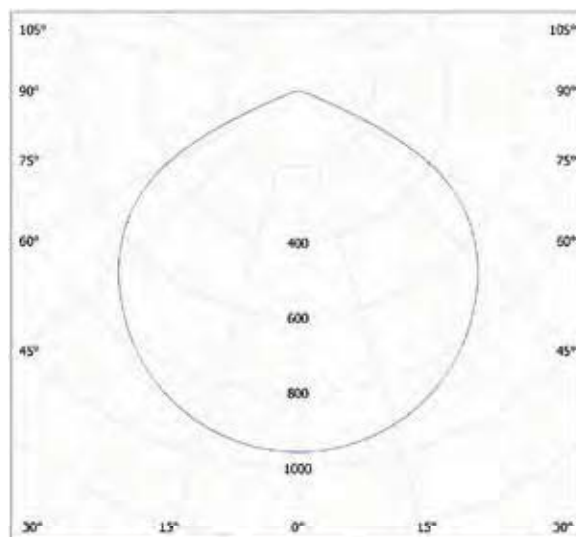


i PRODUCT INFORMATION

- Flat round LED lights for wall or ceiling mounting
- Sturdy plastic case
- Replaceable outer ring in five standard colours (order separately), special colours available on request
- Simple mounting of base with electrical connection, insertion of light, secure case closing with special hidden screws
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution using diffuse light dome

■ TECHNICAL DATA

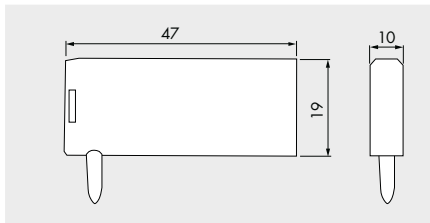
- ~ 110 - 240 V AC , 50 / 60 Hz
- UV-resistant polycarbonate case, cover and outer ring. Heatsink and LED circuit board consist of aluminum
- Lens: polycarbonate diffuser, white
- ⏻ 21W
- LED LED circuit board securely mounted
- AL22-LEDN: 4000K neutral white
- AL22-LEDW: 3000K warm white
- Luminous flux, LED lamp: 2150 lm
- Luminous flux, light: 1750 lm
- A+ Energy efficiency class A+
- IP ⚡ IP54 / Class I / CE
- 🌡️ -20°C to +40°C



Description	Colour	Part number
AL22-LEDN, without design ring	white	91743
AL22-LEDW, without design ring	white	91744
Design rings (ordered separately)	white/ white-aluminium/ melon yellow/ fire red/ anthracite	38140/ 38141/ 38142/ 38143/ 38144






LUXOMATIC® IR-Adapter for Smartphones

■ TECHNICAL DATA



i PRODUCT INFORMATION

- IR-RC-Adapter for Smartphones, for operating all remotely controllable (infrared) B.E.G. detectors, lights and photo-electric switches
- Free B.E.G. App offering a user-friendly navigation for installation on the Smartphone downloadable in the respective App store
- Charged adapter can be plugged in to the audio socket of the Smartphone
- Charge the Adapter via Micro USB cable
- With integrated battery charge indicator

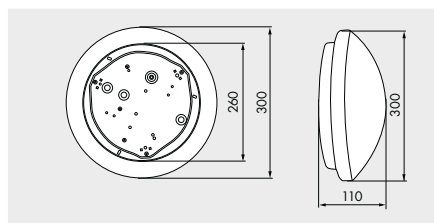
-  Polycarbonate
-  IP20 / Class II
-  -20 °C to +40 °C
-  47 x 19 x 10mm
-  Micro-USB, Phone jack 3,5 mm



iOS + Android

Description	Colour	Part number
IR-Adapter for Smartphones	black	92726

LUXOMATIC® L8-LEDN-HF

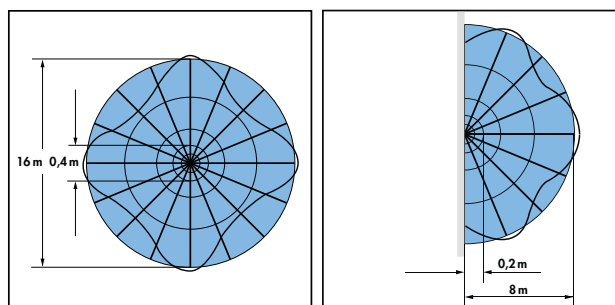


PRODUCT INFORMATION

- Round LED light for wall or ceiling mounting with integrated microwave detector
- Good energy efficiency and long life using premium-quality LED technology
- Broad light distribution using diffuse light dome
- Extremely short response time
- Microwave detector not visible externally
- Setting of range, brightness threshold and follow-up time via potentiometers on detector
- Optional connection of additional lights controlled by the one microwave detector

TECHNICAL DATA

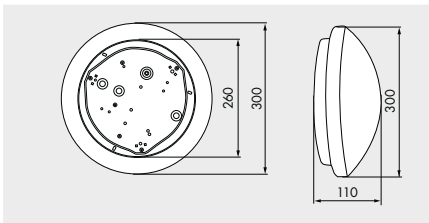
- ~ 230 V AC +/- 10 % , 50 / 60 Hz
- Coated sheet steel case with LED circuit board, plastic cover
Lens: PMMA diffuser, white
- 12W
- LED LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 1400 lm
Luminous flux, light: 1000 lm
- A+ Energy efficiency class A+
- IP40 / Class I / CE
- 20°C to +40°C
- Microwave detector**
- 5,8 GHz, <10 mW
- Potentiometer for settings
- 1200 W, cos φ = 1
600 VA, cos φ = 0.5
- 360°
- 10 - 2000 Lux
- 5 s - 15 min



Walking across or towards
 ■ The range depends on size and speed of the object.

Description	Colour	Part number
L8-LEDN-HF	white	94455








LUXOMATIC® L8-LEDN

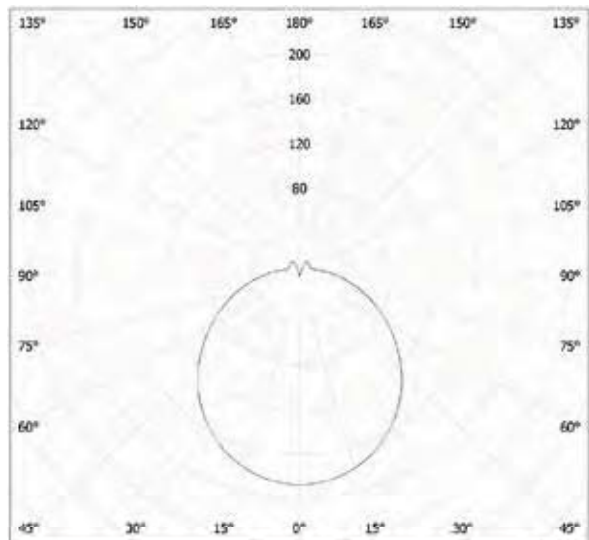


i PRODUCT INFORMATION

- Round LED light for wall or ceiling mounting
- Good energy efficiency and long life using premium-quality LED technology
- Broad light distribution using diffuse light dome

■ TECHNICAL DATA

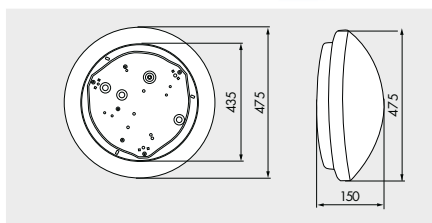
-  230 V AC +/- 10 % , 50 / 60 Hz
-  Coated sheet steel case with LED circuit board, plastic cover
Lens: PMMA diffuser, white
-  12W
-  LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 1400 lm
Luminous flux, light: 1000 lm
-  Energy efficiency class A+
-  IP40 / Class I / CE
-  -20°C to +40°C



INTERIOR LED LIGHTS

Description	Colour	Part number
L8-LEDN	white	94456













LUXOMATIC® L9-LEDN-HF

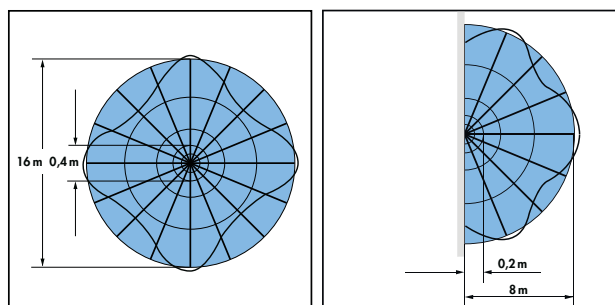


PRODUCT INFORMATION

- Round LED light for wall or ceiling mounting with integrated microwave detector
- Microwave detector not visible externally
- Good energy efficiency and long life using premium-quality LED technology
- Broad light distribution using diffuse light dome
- Extremely short response time
- Setting of range, brightness threshold and follow-up time via potentiometers on detector
- Optional connection of additional lights controlled by the one microwave detector

■ TECHNICAL DATA

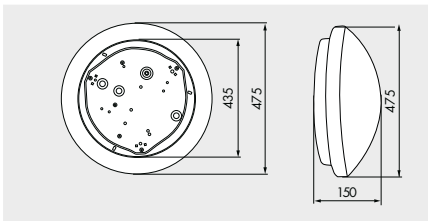
-  230 V AC +/- 10 % , 50 / 60 Hz
-  Coated sheet steel case with LED circuit board, plastic cover
Lens: PMMA diffuser, white
-  24W
-  LED circuit board securely mounted
- ~4000K natural white
- Luminous flux, LED: 2800 lm
- Luminous flux, light: 2200 lm
-  Energy efficiency class A+
-  IP40 / Class I / CE
-  -20°C to +40°C
- Microwave detector**
-  5,8 GHz, <10 mW
- Potentiometer for settings
-  1200 W, $\cos \varphi = 1$
600 VA, $\cos \varphi = 0.5$
-  360°
-  10 - 2000 Lux
-  5 s - 15 min



- Walking across or towards
- The range depends on size and speed of the object.

Description	Colour	Part number
L9-LEDN-HF	white	94457








LUXOMATIC® L9-LEDN

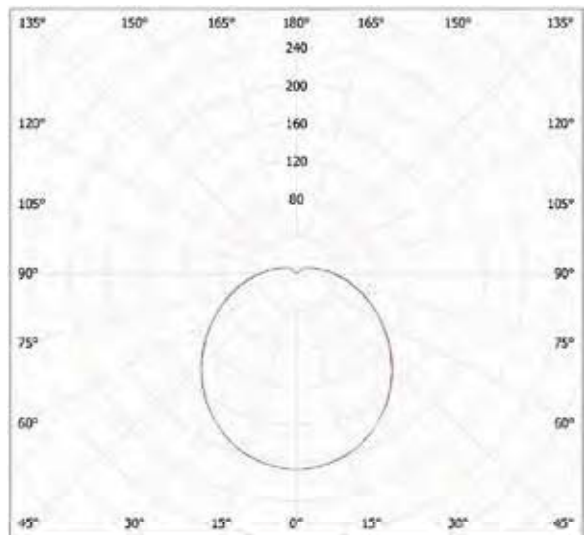


***i* PRODUCT INFORMATION**

- Round LED light for wall or ceiling mounting
- Good energy efficiency and long life using premium-quality LED technology
- Broad light distribution using diffuse light dome

■ TECHNICAL DATA

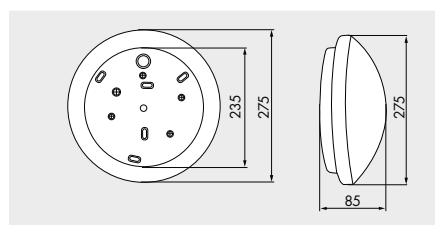
-  230 V AC +/- 10 % , 50 / 60 Hz
-  Coated sheet steel case with LED circuit board, plastic cover
Lens: PMMA diffuser, white
-  24W
-  LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 2800 lm
Luminous flux, light: 2200 lm
-  Energy efficiency class A+
-  IP40 / Class I / CE
-  -20°C to +40°C



INTERIOR LED LIGHTS

Description	Colour	Part number
L9-LEDN	white	94458














LUXOMATIC® HF-L1-E27LEDW

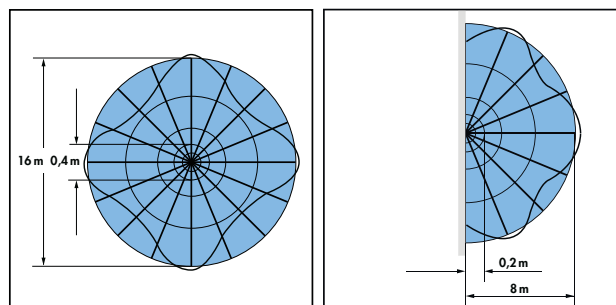



PRODUCT INFORMATION

- Round LED light for wall or ceiling mounting with integrated microwave detector and E27 LED
- Direct mounting of case on wall or ceiling, tool-free attachment of glass cover
- Broad light distribution using diffuse light dome
- High-performance microwave detector with large detection area, not externally visible
- Additional lights can be controlled simultaneously by the one microwave detector

■ TECHNICAL DATA

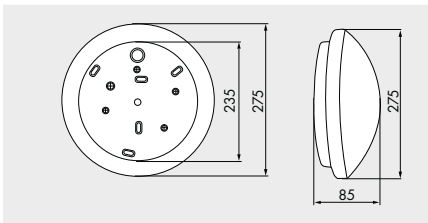
-  230 V +/- 10 % , 50 / 60 Hz
-  Plastic case, glass cover
-  Lens: glass diffuser, white
-  10W
-  E27 E27 LED lamp included (replaceable)
- ~3000K warm white
-  Luminous flux LED lamp: 800lm
-  IP40 / Class II/ CE
-  -20°C to +40°C
- Microwave detector**
-  5,8 GHz, <10 mW
- Potentiometer for settings
-  1200 W, $\cos \varphi = 1$
- 600 VA, $\cos \varphi = 0.5$
-  360°
-  10 - 2000 Lux
-  5 s - 15 min



-  Walking across or towards
- The range depends on size and speed of the object.

Description	Colour	Part number
HF-L1-E27LEDW	white	91754

LUXOMATIC® L1-E27LEDW

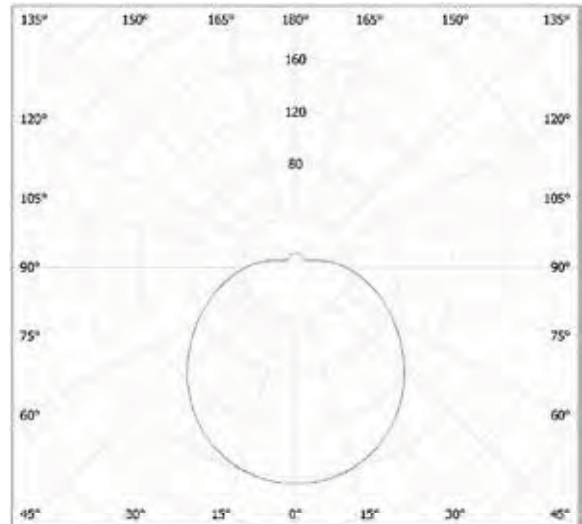


***i* PRODUCT INFORMATION**

- Round light with E27 LED
- Direct mounting of case on wall or ceiling, tool-free attachment of glass cover
- Broad light distribution using diffuse light dome

■ TECHNICAL DATA

- ⊜ 230 V +/- 10 % , 50 / 60 Hz
- ☐ Plastic case, glass cover
Lens: glass diffuser, white
- ⏻ 10W
- E27 E27 LED lamp included (replaceable)
~3000K warm white
- LED Luminous flux LED lamp: 800lm
- IP ☐ IP40 / Class II / CE
- 🌡️ -20°C to +40°C



Description	Colour	Part number
L1-E27LEDW	white	91762



Shining bright with low energy consumption –

LUXOMATIC® *LED exterior lights*



- LED lights and LED floodlights provide optimum illumination

Optimum illumination for exterior spaces

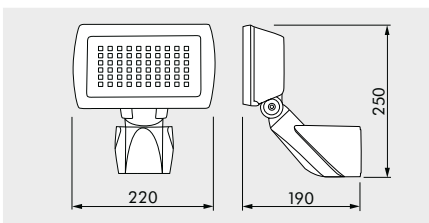
Whether for house entrances or warehouse loading bays, lighting of exterior spaces makes a major contribution to the safety of properties. For large or small spaces, for more or less light, **B.E.G.** has the right solution for your project.

With the right technology, LEDs make it possible to achieve a high light output with low energy consumption. The **B.E.G.** engineers have developed floodlights to take full advantage of this. As usual with us, in addition to energy-saving features, we put the accent on a high level of functionality twinned with easy installation and contemporary design.

The LED floodlights are available with integrated motion detector, which can also be programmed by remote control. Mounting the floodlight is as easy as can be: once the wall socket has been fastened and wired up, the floodlight head can be clipped on by hand, without requiring tools. After mounting, the head can be moved to practically any position.

For entrances, the best way is to use our system wall light. This socket can be combined with a range of luminaires, and therefore offers your customers a wide selection of designs.

LUXOMATIC® FL2N-LED-230



EXTERIOR LED LIGHTS

PRODUCT INFORMATION

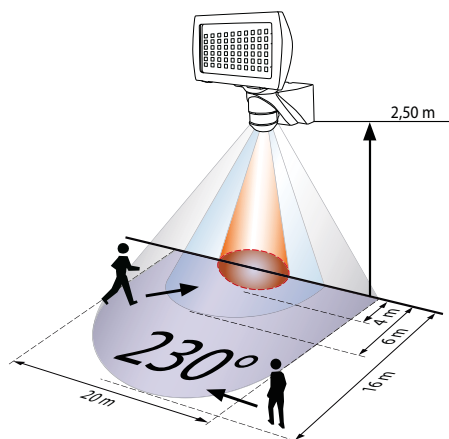
- Pivoting LED floodlight with motion detector for exterior wall mounting
- Floodlight can be pivoted on three axes, direction can be fixed with locking device
- Highly robust cast aluminium case with corrosion-resistant stainless steel screws
- Easy mounting of base with electrical connection, insertion of light, and locking of floodlight
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution for even illumination of large surfaces
- PIR detector with large detection area and creep zone protection
- Detector adjustments made manually or by IR remote control
- Additional lights can be controlled simultaneously by the one motion detector

TECHNICAL DATA

- ~ 110 - 240 V AC , 50 / 60 Hz
- Case die-cast aluminium, lower section UV-resistant polycarbonate
Lens: glass cover, clear
- 26W
- LED LED circuit board securely mounted
~4000K natural white
- Luminous flux, light: 2100lm
- A Energy efficiency class A
- IP44/ Class I / CE
- 20°C to +40°C

Motion detector

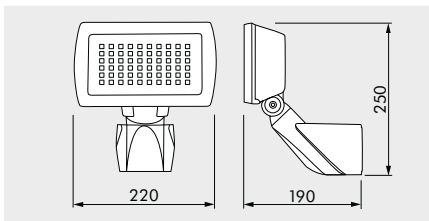
- Settings made via potentiometers or by IR remote control
- 2300 W, $\cos \varphi = 1$
1150 VA, $\cos \varphi = 0.5$
- 230°
- 2 - 2000 Lux
- 15 s - 16 min or pulse
- IR-RC, IR-RC-Mini, IR-Adapter for Smartphones with App (iOS / Android)



- Walking across
- Walking towards
- Anti-creep

Description	Colour	Part number
FL2N-LED-230	white	92627
FL2N-LED-230	black	92626
Accessory		
IR-RC	grey	92000
IR-RC-Mini	grey	92090
IR-Adapter for Smartphones	black	92726
Diffuser set for FL2N	transparent/ opal	38003

LUXOMATIC® FL2N-LED

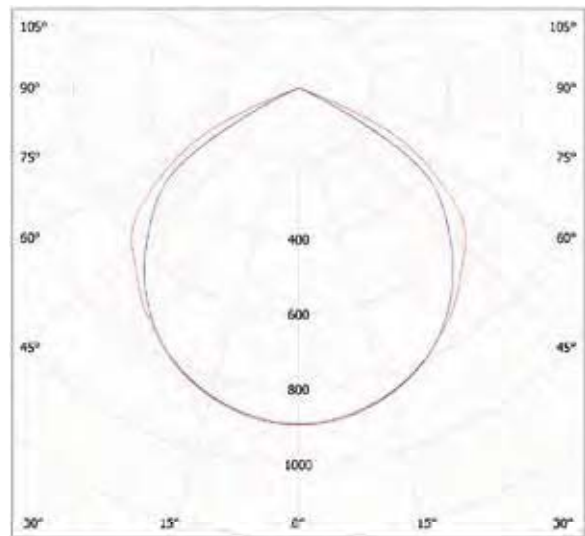


■ TECHNICAL DATA

- ⌚ 110 - 240 V AC , 50 / 60 Hz
- ☐ Case die-cast aluminium, lower section UV-resistant polycarbonate
Lens: glass cover, clear
- ⏻ 26W
- LED LED circuit board securely mounted
~4000K natural white
Luminous flux, light: 2100lm
- A Energy efficiency class A
- IP ⚡ IP44/ Class I / CE
- 🌡️ -20°C to +40°C

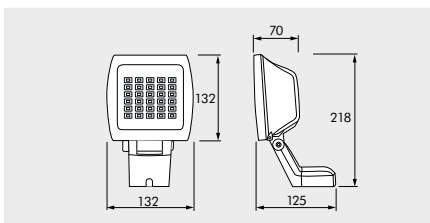
i PRODUCT INFORMATION

- Pivoting LED floodlight for exterior wall mounting
- Floodlight can be pivoted on three axes, direction can be fixed with locking device
- Highly robust cast aluminium case with corrosion-resistant stainless steel screws
- Easy mounting of base with electrical connection, insertion of light, and locking of floodlight
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution for even illumination of large surfaces



Description	Colour	Part number
FL2N-LED	white	92599
FL2N-LED	black	92598
Accessory		
Diffuser set for FL2N	transparent/ opal	38003

LUXOMATIC® FL3N-LED-130

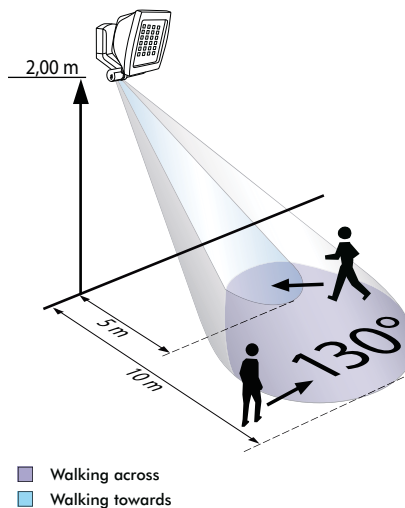


PRODUCT INFORMATION

- Pivoting LED floodlight with motion detector for exterior wall mounting
- Direction can be fixed with locking device
- Highly robust cast aluminium case with corrosion-resistant stainless steel screws
- Easy mounting of base with electrical connection, insertion of light, and locking of floodlight
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution for even illumination of large surfaces
- Additional lights can be controlled simultaneously by the one motion detector
- Integrated motion detector with narrow detection area for paths and staircases

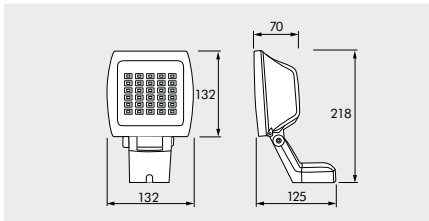
TECHNICAL DATA

- ~ 110 - 240 V AC , 50 / 60 Hz
- Case die-cast aluminium, lower section UV-resistant polycarbonate
Lens: glass cover, clear
- 14W
- LED LED circuit board securely mounted
~4000K natural white
Luminous flux, light: 1050lm
- A Energy efficiency class A
- IP44/ Class I / CE
- 20°C to +40°C
- Motion detector**
Manual setting via potentiometers
- 1000 W, $\cos \varphi = 1$
500 VA, $\cos \varphi = 0.5$
- 130°
- 2 - 2000 Lux
- 30 s - 30 min



Description	Colour	Part number
FL3N-LED-130	white	92629
FL3N-LED-130	black	92628
Accessory		
Diffuser set for FL3N	transparent/ opal	38004

LUXOMATIC® FL3N-LED

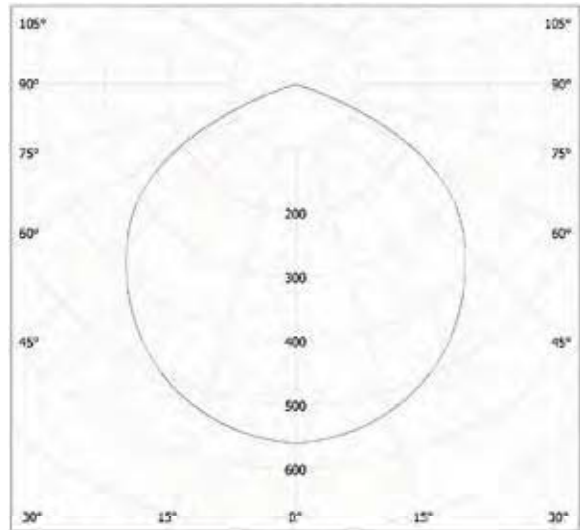


i PRODUCT INFORMATION

- Pivoting LED floodlight for exterior wall mounting
- Direction can be fixed with locking device
- Highly robust cast aluminium case with corrosion-resistant stainless steel screws
- Easy mounting of base with electrical connection, insertion of light, and locking of floodlight
- High energy efficiency and long life using premium-quality LED technology and good thermal management
- Broad light distribution for even illumination of large surfaces

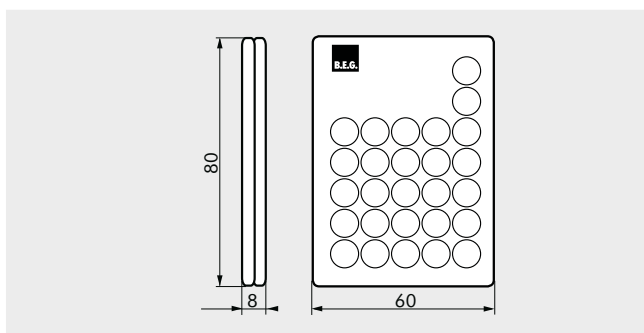
■ TECHNICAL DATA

- ⊗ 110 - 240 V AC , 50 / 60 Hz
- Case die-cast aluminium, lower section UV-resistant polycarbonate
Lens: glass cover, clear
- ⏻ 14W
- LED LED circuit board securely mounted
~4000K natural white
Luminous flux, light: 1050lm
- A Energy efficiency class A
- IP ⚡ IP44/ Class I / CE
- 🌡️ -20°C to +40°C



Description	Colour	Part number
FL3N-LED	white	92703
FL3N-LED	black	92702
Accessory		
Diffuser set for FL3N	transparent/ opal	38004

LUXOMAT® IR-RC



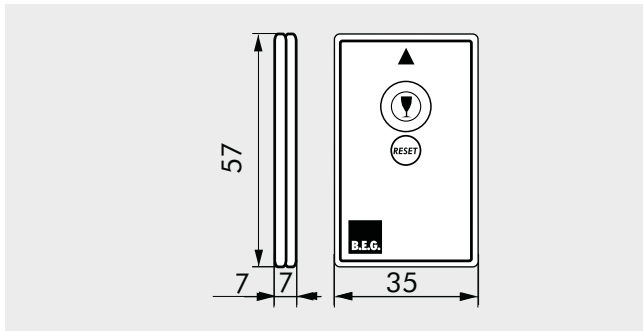
i PRODUCT INFORMATION

- Infrared remote control for FL2N-LED-230 and AL5-RC-plus next exterior floodlights, and AL2-RC-plus exterior light
- Individual setup of motion detector for floodlights/lights, to suit the location's requirements
- Practical functionality such as reading the current brightness threshold automatically or the handy 2-second test function, are possible.
- The light can be turned on or off at any time with a simple button press. Installation of an additional light switch is therefore not required
- Comes complete with a practical wall bracket, dimensions approx: 63 x 29 x 19 mm



Description	Colour	Part number
IR-RC	grey	92000
IR-Adapter for Smartphones	black	92726

LUXOMATIC® IR-RC-Mini



i PRODUCT INFORMATION

- Mini infrared remote control for FL2N-LED-230 and AL5-RC-plus next exterior floodlights, and AL2-RC-plus exterior light
- Highly suitable for end-users: switch constant light on or off at any time, so a separate light switch is not required
- A single press of the “Party” button switches on the lighting for a duration of 12 hours. A second press switches off the lighting until the following evening.

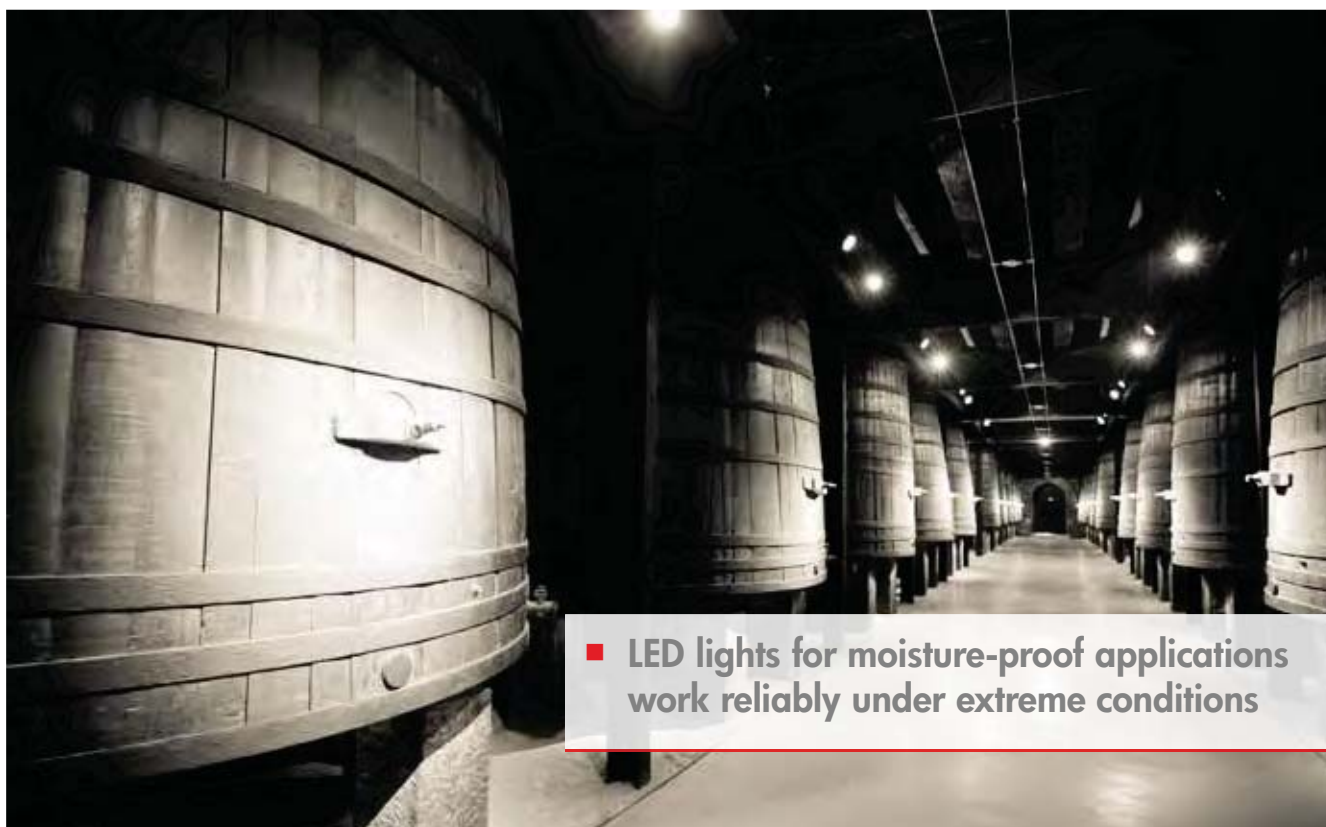


Description	Colour	Part number
IR-RC-Mini	grey	92090
IR-Adapter for Smartphones	black	92726



Reliable lighting with good protection –

LUXOMATIC[®] *moisture-proof LED lights*



■ LED lights for moisture-proof applications work reliably under extreme conditions

Safe lighting in moisture-proof applications (IP65)

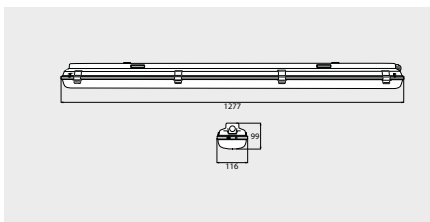
In many applications, lighting must meet high levels of safety, for example in laboratories, swimming pools or underground garages. Our LED lights for moisture-proof applications have a robust, water-resistant case (protection class IP65). They are therefore highly suitable for installation in demanding environments.

As well as simple lights for moisture-proof applications, **B.E.G.** also offers models for fast lighting automation, which are equipped with either microwave or PIR motion detectors. This improves efficiency, as lighting is only activated when movement is detected.

The use of microwave detectors allows temperature-independent detection of movements with a very short response time. As detection is also possible through walls, they are especially suitable for applications with no direct line of sight. The HF detectors are integrated into the light and are invisible from the outside.

The PIR detectors are extremely small, but have a large detection area. The detector is fitted with an IP65 cover only 4cm in diameter, integrated into the case. They are especially suitable for exterior applications.

LUXOMATIC® AL60-LEDN-PD9M



PRODUCT INFORMATION

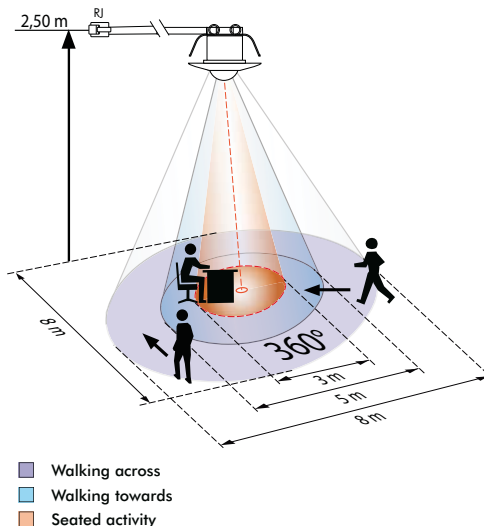
- LED light for moisture-proof applications with integrated PIR occupancy detector
- Stainless steel clips make the light easy to open
- Wall or ceiling mounting - attach to supplied metal bracket or use screws through the case
- Good energy efficiency and long life using premium-quality LED technology
- Good heatsink capability via solid aluminium mounting plate
- Broad light distribution using diffuse light cover
- Mini occupancy detector included, power unit integrated into light
- Simple control using required remote control, manual switching possible via push buttons
- Blinds included, can be installed from outside the device
- Additional lights can be controlled simultaneously by the one occupancy detector

TECHNICAL DATA

- ⚡ 230 V AC +/- 10 % , 50 / 60 Hz
- 📏 Shock-resistant polycarbonate case. LED circuit board on aluminium mounting plate
Cover: PMMA diffuser, white
- 🔌 35W
- 💡 LED LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 4400 lm
Luminous flux, light: 3900 lm
- ⚡ A+ Energy efficiency class A+
- 🛡️ IP65/ Class I / CE
- 🌡️ -20°C to +40°C

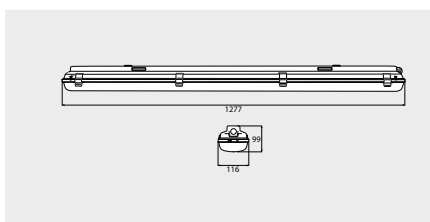
Occupancy detector

- 📶 Settings via necessary IR remote control
- 💡 2300 W, cos φ = 1
1150 VA, cos φ = 0.5
- 🌀 360°
- 🌙 10 - 2000 Lux
- 🕒 5 - 30 min or pulse
- 📱 IR-PD-1C, IR-PD-Mini, IR-Adapter for Smartphones with App (iOS / Android)



Description	Colour	Part number
AL60-LEDN-PD9M	grey	91751
Accessory		
IR-PD-Mini	grey	92159
IR-PD-1C	grey	92520
IR-Adapter for Smartphones	black	92726

LUXOMATIC® AL60-LEDN-PD9



i PRODUCT INFORMATION

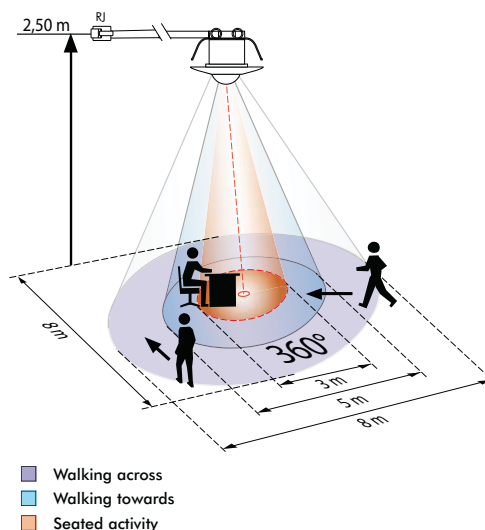
- LED light for moisture-proof applications with integrated PIR motion detector
- Stainless steel clips make the light easy to open
- Wall or ceiling mounting - attach to supplied metal bracket or use screws through the case
- Good energy efficiency and long life using premium-quality LED technology
- Good heatsink capability via solid aluminium mounting plate
- Broad light distribution using diffuse light cover
- Mini motion detector included, power unit integrated into light
- Adjustments via potentiometers at the motion detector
- Blinds included, can be installed from outside the device
- Additional lights can be controlled simultaneously by the one motion detector

■ TECHNICAL DATA

- 230 V AC +/- 10 % , 50 / 60 Hz
- Shock-resistant polycarbonate case. LED circuit board on aluminium mounting plate
Cover: PMMA diffuser, white
- 35W
- LED circuit board securely mounted
- ~4000K natural white
- Luminous flux, LED: 4400 lm
- Luminous flux, light: 3900 lm
- Energy efficiency class A+
- IP65/ Class I / CE
- 20°C to +40°C

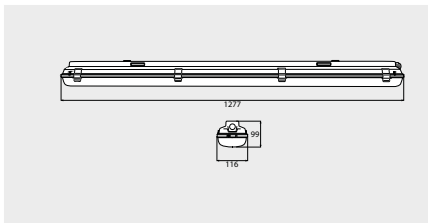
Motion detector

- Potentiometer for settings
- 1000 W, $\cos \varphi = 1$
- 500 VA, $\cos \varphi = 0.5$
- 360°
- 10 - 2000 Lux
- 30 s - 30 min or pulse



Description	Colour	Part number
AL60-LEDN-PD9	grey	91748

LUXOMATIC® AL60-LEDN-HF

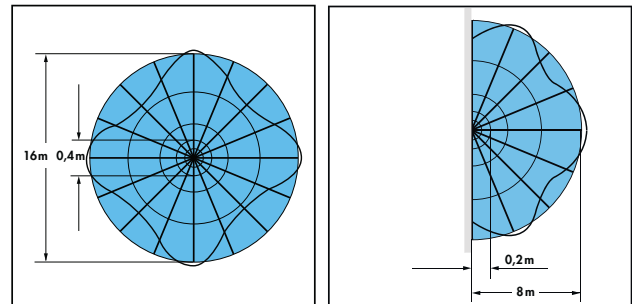


i PRODUCT INFORMATION

- LED light for moisture-proof applications with integrated microwave detector
- Stainless steel clips make the light easy to open
- Wall or ceiling mounting - attach to supplied metal bracket or use screws through the case
- Good energy efficiency and long life using premium-quality LED technology
- Good heatsink capability via solid aluminium mounting plate
- Broad light distribution using diffuse light cover
- Adjustments via potentiometers at the microwave detector
- Additional lights can be controlled simultaneously by the one microwave detector

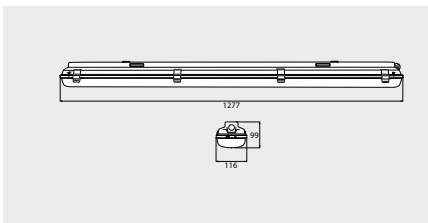
■ TECHNICAL DATA

- ⊜ 230 V AC +/- 10 % , 50 / 60 Hz
- ☐ Shock-resistant polycarbonate case. LED circuit board on aluminium mounting plate
Cover: PMMA diffuser, white
- ⏻ 35W
- LED LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 4400 lm
Luminous flux, light: 3900 lm
- A+ Energy efficiency class A+
- IP ⚡ IP65/ Class I / CE
- 🌡️ -20°C to +40°C
- Microwave detector**
- 📡 5,8 GHz, <10 mW
- ⚙️ Potentiometer for settings
- ⚡ 1200 W, cos φ = 1
600 VA, cos φ = 0.5
- 🌞 360°
- 🌙 10 - 2000 Lux
- 🕒 5 s - 15 min or pulse



Walking across or towards
 The range depends on size and speed of the object.

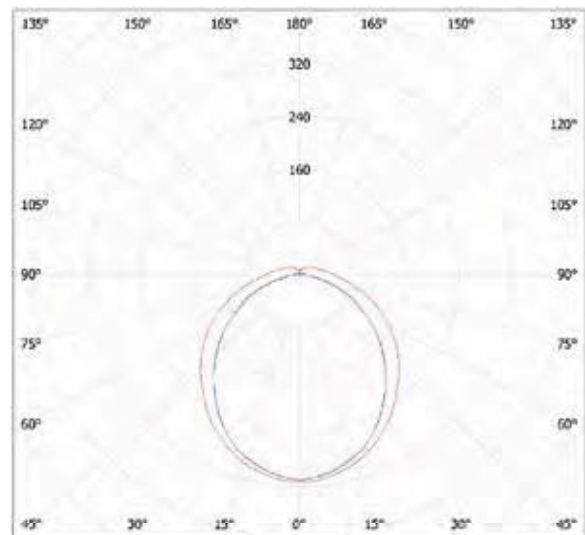
Description	Colour	Part number
AL60-LEDN-HF	grey	91747

LUXOMATIC® AL60-LEDN***i* PRODUCT INFORMATION**

- LED light for moisture-proof applications
- Stainless steel clips make the light easy to open
- Wall or ceiling mounting - attach to supplied metal bracket or use screws through the case
- Good energy efficiency and long life using premium-quality LED technology
- Good heatsink capability via solid aluminium mounting plate
- Broad light distribution using diffuse light cover

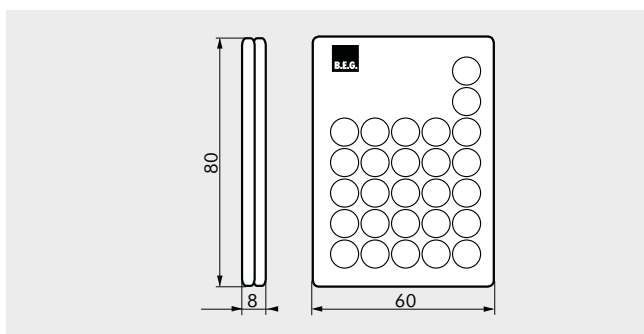
■ TECHNICAL DATA

- 230 V AC +/- 10 % , 50 / 60 Hz
- Shock-resistant polycarbonate case. LED circuit board on aluminium mounting plate
Cover: PMMA diffuser, white
- 35W
- LED circuit board securely mounted
~4000K natural white
Luminous flux, LED: 4400 lm
Luminous flux, light: 3900 lm
- Energy efficiency class A+
- IP65/ Class I / CE
- 20°C to +40°C



Description	Colour	Part number
AL60-LEDN	grey	91746

LUXOMATIC® IR-PD-1C



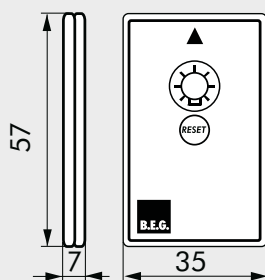
PRODUCT INFORMATION

- Using the infrared remote control, it is easy to adjust all occupancy detector settings from the floor, without the inconvenience of climbing a ladder. It is suitable for the master versions of the following occupancy detectors: PD2-, PD4- and PD9-M-1C
- A wide range of programs means that the occupancy detectors can always be adjusted to individual requirements, even retrospectively
- Practical functionality such as reading the current brightness threshold automatically or the handy 2-second test function, are possible.
- The light can be turned on or off at any time with a simple button press. Installation of an additional light switch is therefore not required
- Comes complete with a practical wall bracket, dimensions approx: 63 x 29 x 19 mm



Description	Colour	Part number
IR-PD-1C	grey	92520
IR-Adapter for Smartphones	black	92726

LUXOMATIC® IR-PD-MINI



i PRODUCT INFORMATION

- The infrared remote control for end users is suitable for the master versions of the following occupancy detectors: PD1N, PD2, PD4, PD4-Corridor, PD4-GH, PD5, PD9-M-1C and Indoor 180



Description	Colour	Part number
IR-PD-Mini	grey	92159
IR-Adapter for Smartphones	black	92726

Part no.	Description	Prod./Gr.	Page
38003	Diffuser set for FL2N	06	20
38004	Diffuser set for FL3N	06	22
38140	AL22 design ring, white	28	8
38141	AL22 design ring, white-aluminium	28	8
38142	AL22 design ring, melon-yellow	28	8
38143	AL22 design ring, fire-red	28	8
38144	AL22 design ring, anthracite	28	8
91733	AL22-LEDN-HFR, without design ring white	28	9
91738	AL22-LEDW-HFR, without design ring white	28	9
91743	AL22-LEDN, without design ring white	28	10
91744	AL22-LEDW, without design ring white	28	10
91746	AL60-LEDN	02	31
91747	AL60-LEDN-HF	02	30
91748	AL60-LEDN-PD9	02	29
91751	AL60-LEDN-PD9M	02	28
91754	HF-L1-E27LEDW	28	16

Part no.	Description	Prod./Gr.	Page
91762	L1-E27LEDW	28	17
92000	IR-RC	09	24
92090	IR-RC-Mini	09	25
92159	IR-PD-Mini	09	33
92520	IR-PD-1C	09	32
92598	FL2N-LED, black	03	21
92599	FL2N-LED, white	03	21
92626	FL2N-LED-230, black	03	20
92627	FL2N-LED-230, white	03	20
92628	FL3N-LED-130, black	03	22
92629	FL3N-LED-130, white	03	22
92702	FL3N-LED, black	03	23
92703	FL3N-LED, white	03	23
92726	IR-Adapter for Smartphones	09	11
94455	L8-LEDN-HF	28	12
94456	L8-LEDN	28	13
94457	L9-LEDN-HF	28	14
94458	L9-LEDN	28	15

B.E.G.

ISO 14001

ISO 9001



Environmental
Management

Quality
Management

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Motion- and occupancy detectors

KNX/DALI

SMARTHOME