

# B.E.G. LUXOMAT® CATALOGUE

## LIGHTS AND PHOTOCELLS



▪ [www.beg-luxomat.com](http://www.beg-luxomat.com) ▪



- Motion-controlled
- Light-oriented
- Energy-saving



With B.E.G. energy saving = cost reduction + environmental protection



INDOOR LIGHTS



OUTDOOR LIGHTS



OUTDOOR  
FLOODLIGHTS



PHOTOCELLS / CONSTANT  
LIGHT CONTROLS



















REMOTE CONTROLS



WIRING DIAGRAMS

## LEGEND

-  Remotely controllable
-  Channel 1 for light control
-  Photocells
-  1 - 10V dimming output
-  Dimming function
-  Radar / HF technology
-  LED technology
-  Energy-saving lamp
-  Halogen lamp
-  Pulse function
-  Restriction of the detection range with accessory covers
-  Anti-creep protection
-  Plug-in base mounting
-  Indoor and outdoor corner mounting
-  Higher IP protection, suitable for outdoor use

-  Power supply
-  Detection area
-  Switching power
-  Range (approx.) in m
-  Time settings
-  Brightness value
-  Degree of protection
-  Dimensions
-  Ambient temperature
-  Housing
-  System globe material
-  E27 fitting
-  2G7 fitting
-  G24q-2 fitting

## THREE STEPS TO FINDING THE RIGHT DEVICE

### 1. Application

The tabs at the side are sorted according to use and field of application

### 2. Function

Pictograms in the tab and above the technical data

The function is described in the heading

### 3. Design

Products sorted by external design

Detailed overview of lights and floodlights on page 84.





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INDOOR LIGHTS



OUTDOOR LIGHTS


 OUTDOOR  
FLOODLIGHTS

 PHOTOCELLS / CONSTANT  
LIGHT CONTROLS


REMOTE CONTROLS



WIRING DIAGRAMS

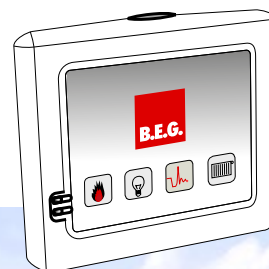
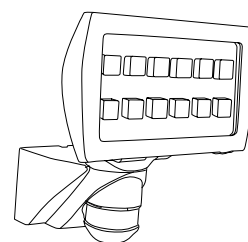
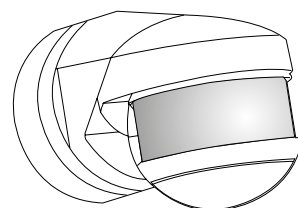
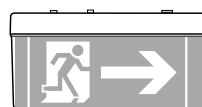


# 1975

## B.E.G. Brück Electronic GmbH

### B.E.G. - a company with over 30 years tradition

- 1975** The founding of the **B.E.G.** company  
We started with the manufacture of emergency lights and continued later with the production of group suppliers for emergency lighting systems.
- 1986** Expansion of our activities for developing and producing motion detectors.  
Since then, we have manufactured several generations of motion detectors in our company along with expanding the range by developing other product families such as **VIDEOLUX®** and **ECOLIGHT**.
- 2006** With our continuing aim of "direct connections" from June 1st 2006 sales in German are now handled directly.  
We now have direct operations in Germany, France, UK and Belgium. Starting this year, the company **B.E.G. Brück Electronic GmbH** is certified according to ISO 9001:2000.  
The cornerstone celebration for a new operations and logistics center with connected fabrication and development departments in Lindlar to even better meet today's demands.
- 2007** Commissioning of a new building. **B.E.G.** continues to have excellent reputation throughout Germany and internationally. It also maintains representations in many countries around the world.
- 2009** **B.E.G. Brück Elektronik GmbH** successfully renews its ISO 9001:2008 certification.
- 2010** ISO 14001:2004 certification awarded for environmental management
- 2011** New operations in Hungary and Italy.





## ... our high standard of quality

The **B.E.G. employees** are proud to be able provide the customers with products that boast innovative technology, unimpeachable workmanship and advanced designs while maintaining good value for money – products that compare very favourably other brand name manufacturers.

### Customer satisfaction out of principle

For us, quality starts during product development. It is important to us that the products meet our customers' requirements and even exceed their expectations, which is why we involve you!

### Quality with system

Our company, **B.E.G.**, is certified according to ISO 9001:2008 (quality management) and ISO 14001:2004 (environmental management).



That means the entire **B.E.G.** company works on the basis of a standardized quality management system. The highest goal is our customers' satisfaction. Our employees constantly work on assuring this high quality standard and eliminating any potential sources of errors. Our products' reliability, usefulness, electromagnetic compatibility (EMC) and safety is ensured by our cooperation with independent testing institutes.

### We will not let you down

We apply the same high standard of quality we place on our products to supporting our customers after purchase.

**B.E.G.** provides extensive after sales service to achieve this.

You will receive competent support from our trained office staff on questions about application, reordering and guarantee processing. Our field representatives will help you during project planning and will keep you up to date about products from **B.E.G.** If technical questions should arise, our qualified technicians are always available on the telephone or, if necessary, onsite. We carry out any possible required repairs in our company, quickly and professionally.

### In record time and optimal condition in your company





By strictly selecting our logistics partners, we ensure that the goods you have ordered arrive at your company in the shortest time, punctually and in flawless condition.



## OVERVIEW OF INDOOR LIGHTS

Indoor light	Part no.	Page	Glass	Polycarbonate	Acrylic glass	HF technology	Motion detection	Range	Detection angle
L7	94451	8	–	■	–	–	–	–	–
L8	94446	8	–	–	■	–	–	–	–
L11	94448	9	–	–	■	–	–	–	–
L12	94452	10	–	–	■	–	–	–	–
HF-L7	94450	11	–	■	–	■	■	Ø 8 m	360°
HF-L8	94445	11	–	–	■	■	■	Ø 8 m	360°
HF-L11	94447	12	–	–	■	■	■	Ø 8 m	360°
HF-L12	94449	13	–	–	■	■	■	Ø 8 m	360°
HF-L1	94440	14	■	–	–	■	■	Ø 8 m	360°

### HF light with 13 W energy-saving lamp instead of light without detector with AGL 60 W

Mode / lamps	Energy-saving lamp 13 W with MD 	Incandescent lamp 60 W without MD 	Savings 
Consumption in kWh / year	3.25 kWh	120 kWh	116.75 kWh
CO <sub>2</sub> emission reductions			58 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 3**
Costs per year at 0.20 €/kWh	0.65 €	24 €	23.35 €

\*0.5 kg CO<sub>2</sub> for generating 1 kWh with mean energy mix

\*\*1 tree absorbs 20 kg CO<sub>2</sub> / year

**without MD** (motion detector) = continuous light (estimated activation time approx. 8 h in 24 h)

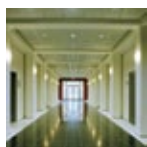
**with MD** = light only when motion is detected (mean total of all activation times approx. 1 h in 24 h)



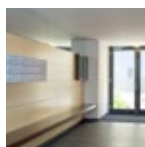
## For applications without direct line of sight – LUXOMAT® indoor lights with HF technology



- With HF technology: responds independently of the temperature to the smallest of movements



Corridors



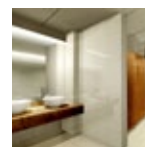
Halls



Staircases

Storage  
rooms

Cellars



Toilets

### Innovative indoor lights also with high-frequency technology

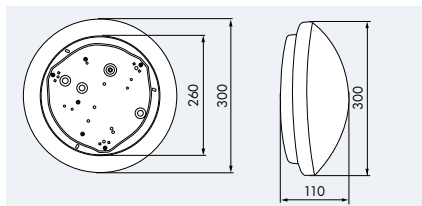
Lights with high-frequency motion detectors represent an innovation in the field of motion detection. This technology operating at a frequency of 5.8 GHz allows movements to be detected independently of the temperature and in extremely short times. Such automatic lights are particularly suited for applications without direct lines of sight because it is also possible to detect motion through walls.

**B.E.G.**'s radar lights in the HF-L1 and HF-L12 series have kept their original design thanks to the integrated design-neutral HF motion detector. These ceiling and wall lights may be installed just as quickly as conventional lights.

**To improve your energy efficiency! ■**

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## LUXOMAT® L7 and L8



## ■ TECHNICAL DATA

	230V~ ±10%
	IP40 / Class I / CEE
	Ø 300 x H 110 mm
	-15°C to +30°C
	<b>L7</b> made of polycarbonate <b>L8</b> made of acrylic glass
<b>Lamps</b>	
	max. 60 W – conventional lamp or E27 energy-saving lamp

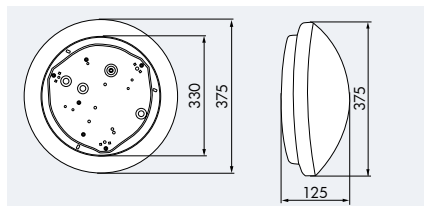
## i PRODUCT INFORMATION

- Wall and ceiling light for a stylish ambience
- Acrylic glass is suitable for all standard applications.
- Polycarbonate is appropriate for areas where greater impact resistance is required (e.g. schools, public buildings).
- Ideally supplements the HF-L7 and HF-L8
- **Application examples:**  
corridors, halls, staircases, storage rooms, cellars, toilets






Description	Colour	Part number
L7 (Polycarbonate)	white	94451
L8 (Acrylic glass)	white	94446




## LUXOMAT® L11



## ■ TECHNICAL DATA

-  230 V ~ ±10 %
-  IP40 / Class I / CE
-  Ø 375 x H 125 mm
-  -15°C to +30°C
-  made of acrylic glass

## Lamps

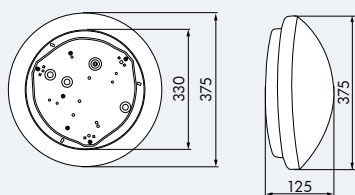
-  max. 2x 60 W – conventional lamp or E27 energy-saving lamp

## i PRODUCT INFORMATION






- Wall and ceiling light for a stylish ambience
- Ideally supplements the HF-L11
- **Application examples:**  
corridors, halls, staircases, storage rooms, cellars, toilets

Description	Colour	Part number
L11 (Acrylic glass)	white	94448


## LUXOMAT® L12



## ■ TECHNICAL DATA

-  230V~ ±10%
-  IP40 / Class I / CEE
-  Ø 375 x H 125 mm
-  -15°C to +30°C
-  made of acrylic glass

## Lamps

 2x 18 W G24q-2

## i PRODUCT INFORMATION

- Wall and ceiling light for a stylish ambience
- Ideally supplements the HF-L12
- **Application examples:**  
corridors, halls, staircases, storage rooms, cellars, toilets

Description

L12 (Acrylic glass)

Colour

white

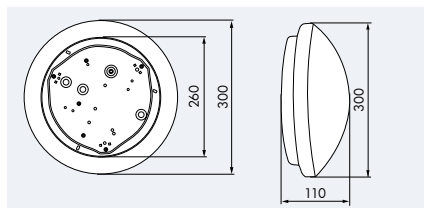
Part number

94452



### LUXOMAT® HF-L7 and -L8

With integrated  
HF motion detector



#### ■ TECHNICAL DATA

	230 V ~ ±10 %
	○ 360°
	max. Ø 0.4 - 8 m
	IP40 / Class I / CEE
	Ø 300 x H 110 mm
	-15°C to +30°C
	<b>L7</b> made of polycarbonate <b>L8</b> made of acrylic glass
<b>Lamps</b>	
	max. 23 W E27 energy-saving lamp
<b>Channel 1 (light control)</b>	
	<b>Module</b> 1200 W, cos φ = 1
	min. - 15 min.
	2 - 2000 Lux
	5.8 GHz, <10 mW, ISM band

- ▶ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or microwave.
- ▶ We recommend you to test your application area to check for external influences on the detection area.
- ▶ HF technology: detection through walls possible
- ▶ You'll find more information about our HF motion detectors in the motion and occupancy detector catalogue.
- ▶ Wiring diagrams on page 79!

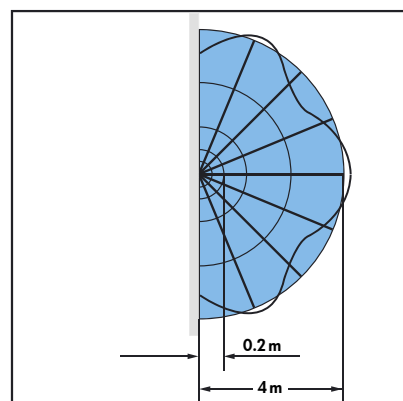
**Energy and environment balance**  
sheet see page 6



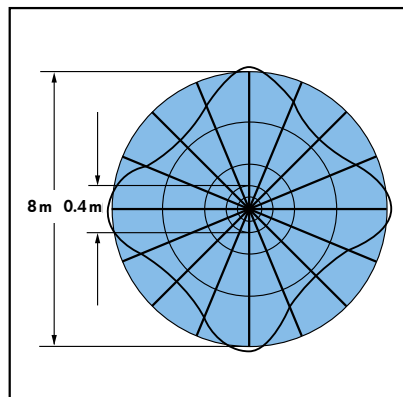
#### i PRODUCT INFORMATION

- Wall and ceiling light with integrated high-frequency motion detector for invisible light switching
- No light switch required
- 360° or 180° detection angle depending on whether installed in the ceiling or wall
- Range, twilight value and activation time may be set with a potentiometer
- HF technology: 5.8 GHz – reacts to the smallest motion, independently of temperature
- Extremely short activation time
- Light only when needed
- Possible to connect additional lights switched in precisely the same way as the master light
- Acrylic glass is suitable for all standard applications.
- Polycarbonate is appropriate for areas where greater impact resistance is required (e.g. schools, public buildings).
- **Application examples:** corridors, halls, staircases, storage rooms, cellars, toilets

Wall installation (mounting height 2.20 m)



Ceiling installation (mounting height 2.50 m)



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

Description	Colour	Part number
HF-L7 (Polycarbonate)	white	94450
HF-L8 (Acrylic glass)	white	94445

## LUXOMAT® HF-L11

With integrated  
HF motion detector

## i PRODUCT INFORMATION

- Wall and ceiling light with integrated high-frequency motion detector for invisible light switching
- No light switch required
- 360° or 180° detection angle depending on whether installed in the ceiling or wall
- Range, twilight value and activation time may be set with a potentiometer
- HF technology: 5.8 GHz – reacts to the smallest motion, independently of temperature
- Extremely short activation time
- Light only when needed
- Possible to connect additional lights switched in precisely the same way as the master light
- **Application examples:** corridors, halls, staircases, storage rooms, cellars, toilets

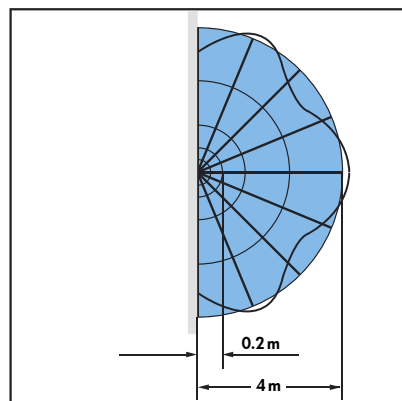
## ■ TECHNICAL DATA

- ~ 230V~ ±10%
- ☉ 360°
- max. Ø 0.4 - 8 m
- IP40 / Class I / CEE
- Ø 375 x H 125 mm
- 15°C to +30°C
- made of acrylic glass
- Lamps**
- E27 max. 2x 23 W  
E27 energy-saving lamp
- Channel 1 (light control)**
- Module 1200 W,  $\cos\varphi = 1$
- min. - 15 min.
- 2 - 2000 Lux
- 5.8 GHz, <10 mW, ISM band

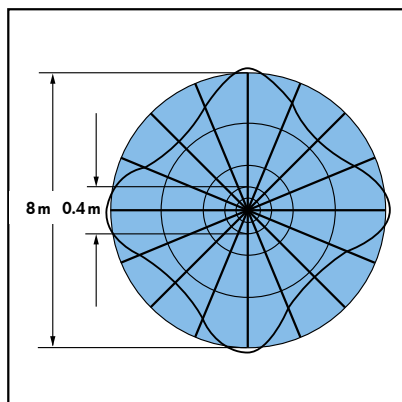
- ▶ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or micro-wave.
- ▶ We recommend you to test your application area to check for external influences on the detection area.
- ▶ HF technology: detection through walls possible
- ▶ You'll find more information about our HF motion detectors in the motion and occupancy detector catalogue.
- ▶ Wiring diagrams on page 79!

Energy and environment balance  
sheet see page 6

Wall installation (mounting height 2.20 m)



Ceiling installation (mounting height 2.50 m)



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

## Description

HF-L11 (Acrylic glass)

## Colour

white

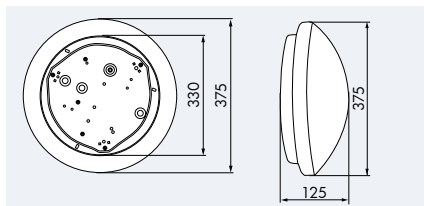
## Part number

94447



### LUXOMAT® HF-L12

With integrated  
HF motion detector



#### ■ TECHNICAL DATA

- 230 V~ ±10%
- 360°
- max. Ø 0.4 - 8 m
- IP40 / Class I / CE
- Ø 375 x H 125 mm
- 15°C to +30°C
- made of acrylic glass

#### Lamps

2x 18 W G24q-2

#### Channel 1 (light control)

**Module** 1200 W,  $\cos\varphi = 1$

min. - 15 min.

2 - 2000 Lux

5.8 GHz, <10 mW, ISM band

- ▶ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or microwave.
- ▶ We recommend you to test your application area to check for external influences on the detection area.
- ▶ HF technology: detection through walls possible
- ▶ You'll find more information about our HF motion detectors in the motion and occupancy detector catalogue.
- ▶ Wiring diagrams on page 79!

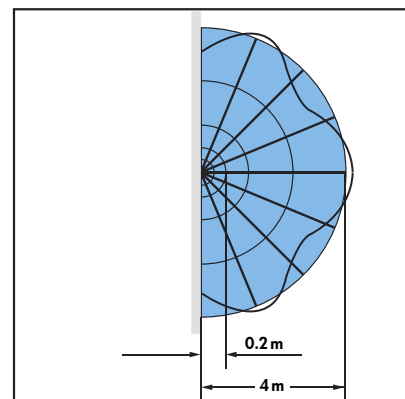
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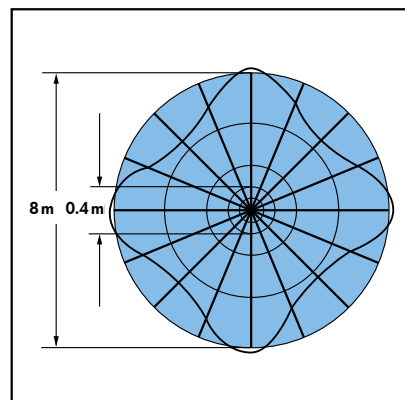
#### i PRODUCT INFORMATION

- Wall and ceiling light with integrated high-frequency motion detector for invisible light switching
- No light switch required
- 360° or 180° detection angle depending on whether installed in the ceiling or wall
- Range, twilight value and activation time may be set with a potentiometer
- HF technology: 5.8 GHz – reacts to the smallest motion, independently of temperature
- Extremely short activation time
- Light only when needed
- Possible to connect additional lights switched in precisely the same way as the master light
- **Application examples:**  
corridors, halls, staircases, storage rooms, cellars, toilets

Wall installation (mounting height 2.20 m)



Ceiling installation (mounting height 2.50 m)



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

#### Description

HF-L12 (Acrylic glass)

#### Colour

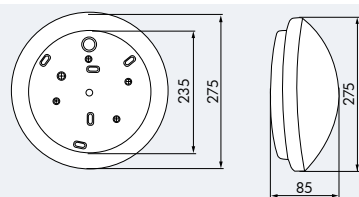
white

#### Part number

94449

## LUXOMAT® HF-L1

With integrated  
HF motion detector



## ■ TECHNICAL DATA

- 230 V ~ ±10 %
- 360°
- max. Ø 0.4 - 8 m
- IP20 / Class II / CEE
- Ø 275 x H 85 mm
- 15°C to +30°C
- made of silk-matt glass

## Lamps

- max. 60 W conventional lamp or E27 energy-saving lamp

## Channel 1 (light control)

- Module** 1200 W, cos φ = 1
- min. - 15 min.
- 2 - 2000 Lux
- 5.8 GHz, <10 mW, ISM band

- ▶ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or microwave.
- ▶ We recommend you to test your application area to check for external influences on the detection area.
- ▶ HF technology: detection through walls possible
- ▶ You'll find more information about our HF motion detectors in the motion and occupancy detector catalogue.
- ▶ Wiring diagrams on page 79!

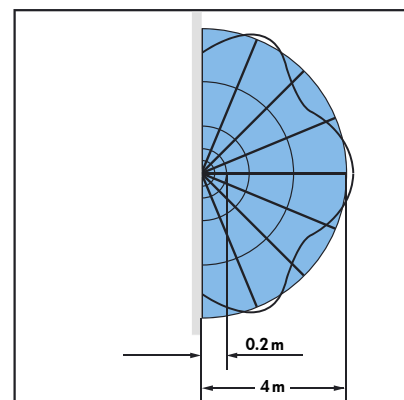
Energy and environment balance sheet see page 6



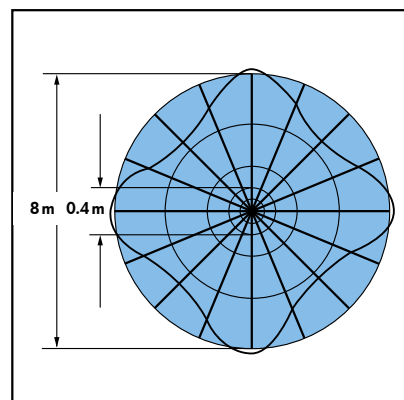
## i PRODUCT INFORMATION

- Wall and ceiling light with integrated high-frequency motion detector for invisible light switching
- No light switch required
- 360° or 180° detection angle depending on whether installed in the ceiling or wall
- Range, twilight value and activation time may be set with a potentiometer
- HF technology: 5.8 GHz – reacts to the smallest motion, independently of temperature
- Extremely short activation time
- Light only when needed
- **Application examples:** corridors, halls, staircases, storage rooms, cellars, toilets

Wall installation (mounting height 2.20 m)



Ceiling installation (mounting height 2.50 m)







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

## OVERVIEW OF OUTDOOR LIGHTS

Outdoor light	Part no.	Page	System light	Wall installation	Outside corner installation	Decorative light	Motion detection	Remotely controllable	Range	Detection angle
MD10	31426 – 370 31427 – 590 31428 – 750	17	–	–	–	–	■	–	6 m	90°
AL1-130	91400 – white 91401 – brown 91402 – black	18	–	■	–	–	■	–	9 m	130°
AL4-130	80410 – white 80420 – black	19	–	■	–	–	■	–	9 m	130°
LT130-MD6-Antique	92394 – white 92395 – black	20	–	■	–	–	■	■	7 m	130°
AL21	91731 – silver	21	–	■	–	–	■	■	12 m	180°
AL20-EB-PL9	91715 – white 91735 – black 91755 – silver	29	■	■	□	–	–	–	–	–
AL20-E27	91710 – white 91730 – black 91750 – silver	30	■	■	□	–	–	–	–	–
ALC-ELU	91330 – white 91340 – black	31	■	■	□	–	–	–	–	–
AL2-RC-plus	10640 – white 10641 – black	32	■	■	□	–	–	–	–	–
AL20-CdS-PL9	91717 – white 91737 – black 91757 – silver	33	■	■	□	–	–	–	–	–
ALC-ELU/D	91335 – white 91345 – black	34	■	■	□	–	–	–	–	–
AL20-280-BM	91700 – white 91720 – black 91740 – silver	35	■	■	□	–	■	■	10 m	280°
ALC-B-360	91301 – white 91321 – black	36	■	■	□	–	■	■	10 m	120°
AL2-RC-plus 130	92381 – white 92391 – black	37	■	■	□	–	■	■	10 m	130°
AL2-RC-plus 230	92382 – white 92392 – black 92047 – silver	38	■	■	□	–	■	■	10 m	230°
AL2-RC-plus 280	92383 – white 92393 – black	39	■	■	■	–	■	■	10 m	280°
AL20-280/BM-LED	91705 – white 91725 – black 91745 – silver	40	■	■	■	■	■	■	10 m	280°
ALC-B-360 DECO	91351 – white 91352 – black	41	■	■	□	■	■	■	10 m	120°

□ Accessory

### Outdoor light with 23 W energy-saving lamp instead of light without detector with AGL 100 W

Mode / lamps	Energy-saving lamp 23 W with MD 	Incandescent lamp 100 W without MD 	Savings 
Consumption in kWh / year	5.75 kWh	200 kWh	194.25 kWh
CO <sub>2</sub> emission reductions			97 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 5**
Costs per year at 0.20 €/kWh	1.15 €	40 €	38.85 €

\*0.5 kg CO<sub>2</sub> for generating 1 kWh with mean energy mix

\*\*1 tree absorbs 20 kg CO<sub>2</sub> / year

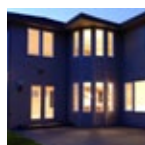
**without MD** (motion detector) = continuous light (estimated activation time approx. 8 h in 24 h)

**with MD** = light only when motion is detected (mean total of all activation times approx. 1 h in 24 h)





## For stylish outdoor lighting – LUXOMAT® lights



House entrances

Garages

Outdoor staircases

Passages

House number lights

Terraces

**B.E.G.'s LUXOMAT®** lights with fitted motion detectors are very suitable for **stylish outdoor lighting**. Up to 19 different glass shades may be combined with the different light bases to create a variety of complete lights.

All **B.E.G. LUXOMAT®** automatic lights have been optimized for simple and time-saving installation.

The AL20-280 and ALC-B-360-DECO products may be easily and comfortably set and operated by remote control thanks to their integrated progressive motion-detector technologies.

### Lamps

Energy-saving lamps should be the first choice as they are more efficient and longer lived. Energy-saving lamps, however, possess poor activation characteristics at low temperatures and are therefore not very well suited for outdoor applications with motion detectors. That is why conventional light lamps are still used for outdoor applications because they immediately light up with full power. We recommend energy-saving lamps for continuous lighting, e.g. in conjunction with twilight switches.

**To improve your energy efficiency! ■**

Index	Page	
Bollard lights with motion detector	17	
Wall lights with motion detector	18 - 21	
Decorative glass shades for system wall lights	22 - 28	
System wall lights	29 - 32	
System wall lights with twilight switch	33 - 34	
System wall lights with motion detector	35 - 39	
System wall lights with motion detector and LED decorative light	40 - 41	

## LUXOMAT® MD10



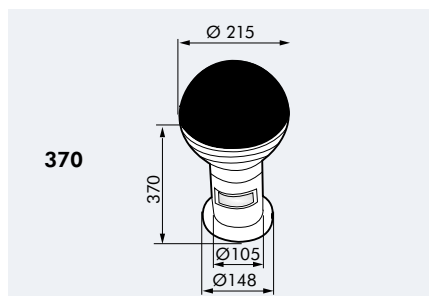
370



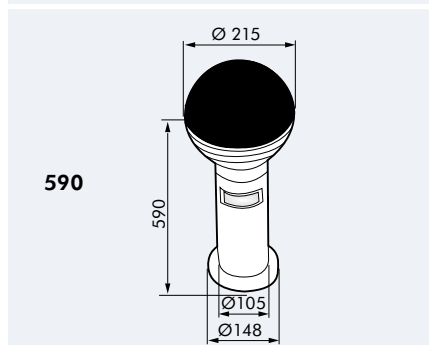
590



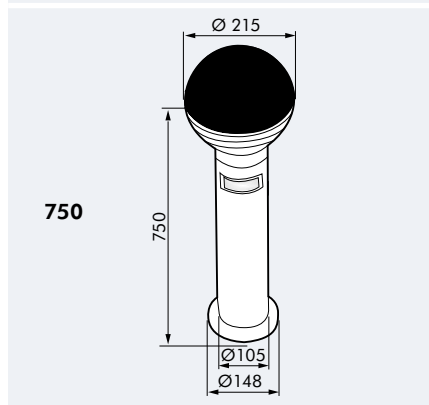
750



370



590



750

### TECHNICAL DATA

- 230V~ ±10%
- 90°
- max. 6 m
- IP44 / Class I / CEE
- 370 Ø 105 x H 370 mm  
590 Ø 105 x H 590 mm  
750 Ø 105 x H 750 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

- max. 60W – conventional lamp or E27 energy-saving lamp

### Channel 1 (light control)

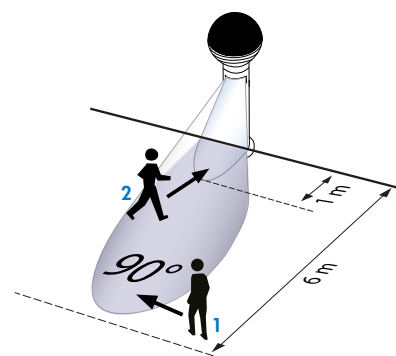
- 60W, cosφ = 1
- 4 sec. - 10 min.
- 2 - 2000 Lux

### PRODUCT INFORMATION

- Garden light LUXOMAT® MD10 with design-neutral motion detector and twilight switch in three different sizes
- Adjustable twilight value
- Range adjustable from 1 to 6 m
- Indirect lighting – no dazzling
- **Application examples:** gardens, outdoor areas of buildings, parking lots

▶ Wiring diagrams on page 79!

- 1 Walking across
- 2 Walking towards



Energy and environment balance sheet see page 15

Description	Colour	Part number
MD10-370	black	31426
MD10-590	black	31427
MD10-750	black	31428
Globe as replacement	black	94103

### LUXOMAT® AL1



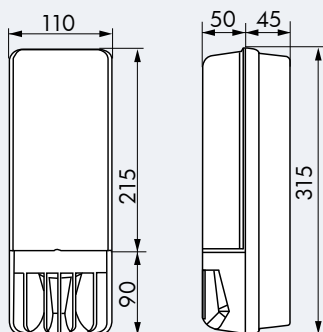
white



brown



black



#### TECHNICAL DATA

- 230 V ~ ±10 %
- 130°
- max. 9 m by walking across (tangential)
- IP44 / Class I / C €
- L 95 x W 110 x H 315 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

#### Lamps

- max. 60 W – conventional lamp or E27 energy-saving lamp

#### Channel 1 (light control)

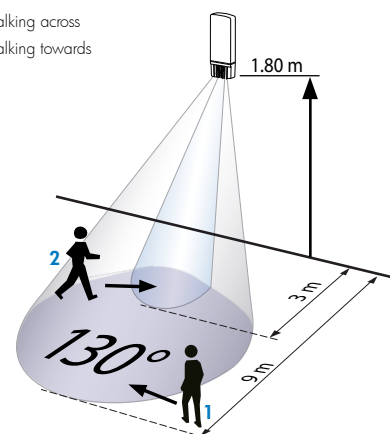
- 1000 W,  $\cos\varphi = 1$
- 4 sec. - 10 min.
- 2 - 2000 Lux

#### PRODUCT INFORMATION

- Multi-purpose light LUXOMAT® AL1 all-purpose light with 130° motion detector and twilight switch
- Possible to connect additional lights that are switched in precisely the same way as the master light
- Operating elements for setting the activation time and the twilight switch located behind the removable protective grille
- Motion detector not adjustable

► Wiring diagrams on page 79, 80!

- 1 Walking across
- 2 Walking towards



Energy and environment balance sheet see page 15

Description	Colour	Part number
AL1 130	white	91400
AL1 130	brown	91401
AL1 130	black	91402

### LUXOMAT® AL4

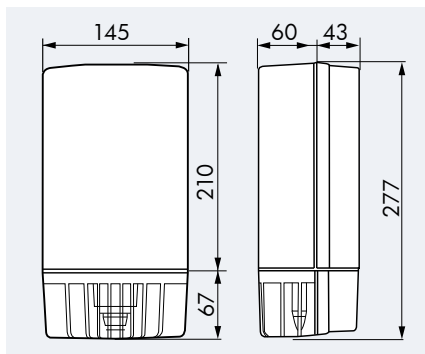
With Variomatic  
dimming function



white



black



Set of numerals

#### ■ TECHNICAL DATA

- 230V~ ±10%
- 130°
- max. 9 m by walking across (tangential)
- IP44 / Class I / C €
- L 103 x W 145 x H 277 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- Lamps**
- max. 60 W – E27 conventional lamp

#### Channel 1 (light control)

- 120 W, incandescent lamps
- 4 sec. - 10 min.
- 2 - 2000 Lux

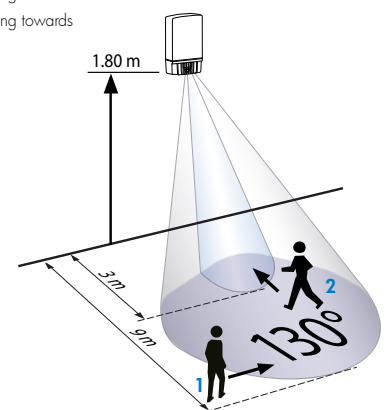


#### ❗ PRODUCT INFORMATION

- Multi-purpose light LUXOMAT® AL4 all-purpose light with 130° motion detector and twilight switch with Variomatic dimming function as a house number light
- Self-adhesive set of numbers available as an accessory
- Possible to connect additional lights without motion detectors that are switched or dimmed in precisely the same way as the master light
- Operating elements for setting the activation time and the twilight switch located behind the removable protective grille
- Motion detector not adjustable
- **Application examples:**  
as wall, ceiling or house number lights

- ▶ Wiring diagrams on page 79!
- ▶ The twilight switch activates the automatic light as it gets dark and the AL4-130° switches in the individually adjustable dimming range between 10 - 60% of the light power.
- ▶ The light switches to 100% power when people or cars are detected by the motion detector. When the person leaves the detection field or stops moving, the AL4-130 will switch back to the set dimming value after an infinitely adjustable activation time. Which means that the number can always be clearly read.

- 1 Walking across
- 2 Walking towards



Energy and environment balance  
sheet see page 15

Description	Colour	Part number
AL4 130	white	80410
AL4 130	black	80420
Set of numerals (2 x 1 - 9)	–	80421



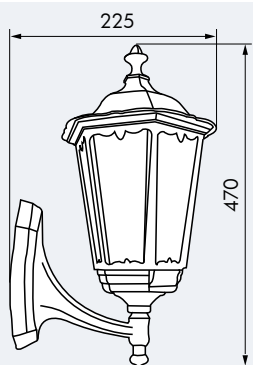
### LUXOMAT® LT130-MD6-Antique



white



black



#### TECHNICAL DATA

- 230 V ~ ±10 %
- 130°
- max. 7 m by walking across (tangential)
- IP44 / Class I / C €
- L 280 x W 225 x H 470 mm
- 25°C to +50°C
- of die-cast aluminium, shade made of glass
- RC-AL20

#### Lamps

- max. 60 W – conventional lamp or E27 energy-saving lamp

#### Channel 1 (light control)

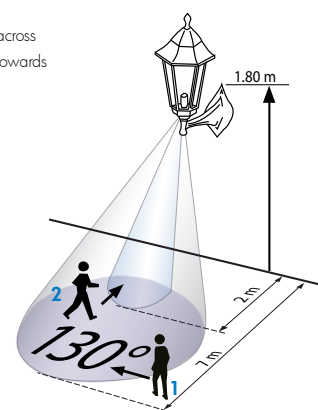
- 4 sec. - 10 min.
- 2 - 2000 Lux

#### PRODUCT INFORMATION

- Decorative nostalgic outdoor lighting LUXOMAT® LT130-MD6-Antique with motion detector and twilight switch and an approximately 130° angle of detection
- Detection range may be mechanically adjusted from approx. 2 to 7 m distance
- Twilight switch may be set for permanent operation or to only switch on as darkness sets in. The light will then be switched off during daylight hours.
- Twilight switch and activation time may be continuously varied
- Motion detector with range stabilization, i.e. temperature-related range fluctuations are smaller than those experienced with conventional sensors.
- **Application examples:** outdoor lighting on houses, walls, patios

- ▶ Wiring diagrams on page 79!
- ▶ Remote controls on page 71!

- 1 Walking across
- 2 Walking towards



#### ACCESSORY (OPTIONAL)

RC-AL20



(to order separately)

Energy and environment balance sheet see page 15

Description	Colour	Part number
LT130-MD6-Antique	black	92394
LT130-MD6-Antique	white	92395
<b>Accessory (optional)</b>		
LUXOMAT® RC-AL20	grey	92033

### LUXOMAT® AL21



Stainless  
steel



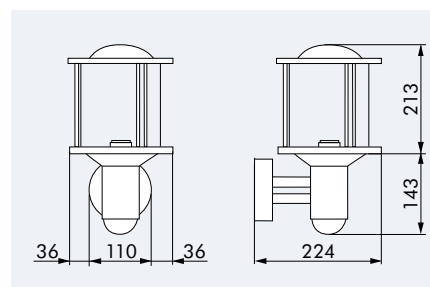
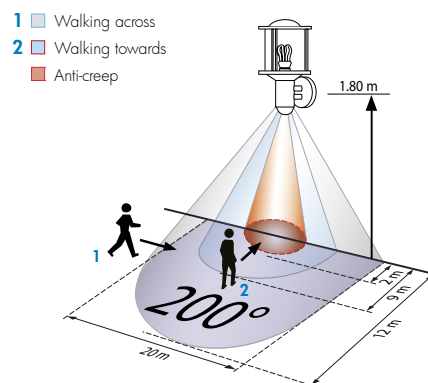
#### TECHNICAL DATA

- 230V~ ±10%
- 180°
- max. 12 m by walking across (tangential)
- IP44 / Class I / CEE
- L 182 x W 224 x H 356 mm
- 25°C to +50°C
- stainless-steel housing, shade made of real glass
- RC-AL20, IR-RC-Mini
- Lamps**
- max. 60 W – conventional lamp or E27 energy-saving lamp
- Channel 1 (light control)**
- 1000 W,  $\cos\varphi = 1$   
500 W,  $\cos\varphi = 0.5$
- 15 sec. - 16 min.
- 10 - 2000 Lux

#### PRODUCT INFORMATION

- Remotely controllable LUXOMAT® AL21 automatic light with 180° motion detector
- 180° anti-creep protection
- Possible to connect additional lights that are switched in precisely the same way as the master light
- Settings may be made manually with the potentiometer and remotely with the LUXOMAT® RC-AL20 infrared remote control
- Glass shade
- Wall installation
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 71!



#### ACCESSORY (OPTIONAL)

RC-AL20

IR-RC-Mini



(to order  
separately)



(to order  
separately)

Energy and environment balance  
sheet see page 15

Description	Colour	Part number
AL21	Stainless steel	91731
<b>Accessory (optional)</b>		
LUXOMAT® RC-AL20	grey	92033
LUXOMAT® IR-RC-Mini	grey	92090

## ■ SYSTEM LIGHT LOWER SECTIONS SLS

## ■ SYSTEM-GLOBES SG

- E27** AL20-E27 SLS
- 2G7** AL20-EB-PL9 SLS
- 2G7** AL20-PL9-CdS SLS
- E27** AL20-280/BM SLS
- E27** AL20-280/BM-LED-SLS

- 2G7** ALC-ELU SLS
- 2G7** ALC-ELU/D SLS
- E27** ALC-B-360 SLS
- E27** ALC-B-360 DECO SLS

- E27** AL2-RC-plus SLS
- E27** AL2-RC-plus 130 SLS
- E27** AL2-RC-plus 230 SLS
- E27** AL2-RC-plus 280 SLS



- Cologne
- Dortmund
- Paris black / white\*
- Crystal\*
- Oslo\*
- Bruxelles black / white
- Nuremberg
- Stuttgart
- Frankfurt
- Hamburg
- Essen
- Vienna\*
- Copenhagen
- London black / white
- Helsinki black / white\*

► \* All these products require that the included long screws be used when they are fitted to an AL20-SLS system light base.





## ■ B.E.G. SYSTEM-GLOBE – TYPE CR/CRYSTAL-TRANSPARENT



Ø 215 x H 220 mm  
holding Ø 82 mm

Bubble shade – graphite

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE BB/OSLO-TRANSPARENT



Ø 215 x H 220 mm  
holding Ø 82 mm

Crystal - Bubble shade

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE DN/BRUXELLES-BLACK



Ø 215 x H 215 mm  
holding Ø 90 mm

black

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE DN/BRUXELLES-WHITE



Ø 215 x H 215 mm  
holding Ø 90 mm

white

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

Description	Colour	Part number
SG CR/Crystal - transparent	transparent	94100
SG BB/Oslo - transparent	transparent	94101
SG DN/Bruxelles - transparent/white	transparent/white	94102
SG DN/Bruxelles - transparent/black	transparent/black	94103







## ■ B.E.G. SYSTEM-GLOBE – TYPE NUREMBERG-TRANSPARENT/BLACK



Ø 220 x H 220 mm  
holding Ø 90 mm



black, diffuser matt

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE STUTTGART-TRANSPARENT/BLACK



Ø 235 x H 220 mm  
holding Ø 90 mm



Crystal, black, diffuser matt

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE FRANKFURT-TRANSPARENT/BLACK



Ø 200 x H 210 mm  
holding Ø 90 mm



Crystal - black

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

Description	Colour	Part number
SG Nuremberg - transparent/black	transparent/black	94104
SG Stuttgart - transparent/black	transparent/black	94105
SG Frankfurt - transparent/black	transparent/black	94106



## ■ B.E.G. SYSTEM-GLOBE – TYPE COLOGNE-TRANSPARENT/GRAPHITE



Ø 265 x H 240 mm  
holding Ø 90 mm



Bubble shade - graphite

- For freely combining with the system light bases in the **LUXOMAT® AL20**, **does not fit to** ALC-B SLS and AL2-RC-plus SLS!



## ■ B.E.G. SYSTEM-GLOBE – TYPE HAMBURG-MATT/TRANSPARENT



Ø 215 x H 220 mm  
holding Ø 90 mm



Crystal

- For freely combining with the system light bases in the **LUXOMAT® AL2-RC-plus SLS**, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE DORTMUND-TRANSPARENT/GRAPHITE



Ø 260 x H 238 mm  
holding Ø 90 mm



Bubble shade - graphite

- For freely combining with the system light bases in the **LUXOMAT® AL20**, **does not fit to** ALC-B SLS and AL2-RC-plus SLS!



Description	Colour	Part number
SG Cologne - transparent/graphite	transparent/graphite	94107
SG Hamburg - matt/transparent	matt/transparent	94108
SG Dortmund - transparent/graphite	transparent/graphite	94109

## ■ B.E.G. SYSTEM-GLOBE – TYPE ESSEN-MATT/STAINLESS-STEEL EFFECT



Ø 242 x H 200 mm  
holding Ø 90 mm



Crystal-stainless-steel effect

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

## ■ B.E.G. SYSTEM-GLOBE – TYPE LT/PARIS BLACK



Ø 215 x H 245 mm  
holding Ø 82 mm



Crystal, black

- For freely combining with the system light bases in the **LUXOMAT®** ALC-B and AL20.

## ■ B.E.G. SYSTEM-GLOBE – TYPE LT/PARIS WHITE



Ø 215 x H 245 mm  
holding Ø 82 mm



Crystal, white

- For freely combining with the system light bases in the **LUXOMAT®** ALC-B and AL20.

## ■ B.E.G. SYSTEM-GLOBE – TYPE OP/VIENNA-WHITE



Ø 200 x H 210 mm  
holding Ø 82 mm



opal - glossy

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

Description	Colour	Part number
SG Essen - matt/stainless-steel effect	matt/silver	94110
SG LT/Paris - transparent/white	transparent/white	94111
SG LT/Paris - transparent/black	transparent/black	94112
SG Vienna - white	white	94113



## ■ B.E.G. SYSTEM-GLOBE – TYPE COPENHAGEN-TRANSPARENT/WHITE



Ø 120 x H 265 mm  
holding Ø 90 mm



white, crystal tip

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE LONDON BLACK



Ø 110 x H 205 mm  
holding Ø 90 mm



Crystal - black

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



## ■ B.E.G. SYSTEM-GLOBE – TYPE LONDON WHITE



Ø 110 x H 205 mm  
holding Ø 90 mm



Crystal - white

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

Description	Colour	Part number
SG Copenhagen - white	white	94117
SG London - transparent/white	transparent/white	94118
SG London - transparent/black	transparent/black	94119



## ■ B.E.G. SYSTEM-GLOBE – TYPE HELSINKI BLACK



Ø 208 x H 265 mm  
holding Ø 82 mm



Bubble shade - black

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.

## ■ B.E.G. SYSTEM-GLOBE – TYPE HELSINKI WHITE



Ø 208 x H 265 mm  
holding Ø 82 mm



Bubble shade - white

- For freely combining with the system light bases in the **LUXOMAT®** AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.



Description	Colour	Part number
SG Helsinki - transparent/white	transparent/white	94114
SG Helsinki - transparent/black	transparent/black	94116

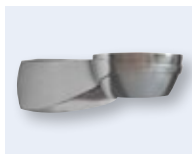
## LUXOMAT® AL20-EB-PL9



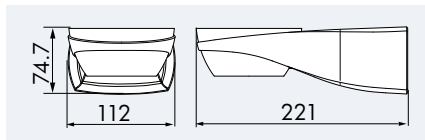
black with globe Nuremberg



white



silver



### ■ TECHNICAL DATA

	230 V ~ ±10 %
	IP44 / Class II / CEE
	L 221 x W 112 x H 75 mm
	-25°C to +50°C
	made of high-quality and UV-resistant polycarbonate

### Lamps

	2G7 PL 5 - 9 W compact fluorescent lamp
--	--

### ■ System shades (see page 22)



### i PRODUCT INFORMATION

- System light lower sections LUXOMAT® AL20-EB-PL9 SLS with electronic ballast and without motion detector for use with energy-saving lamps
- With 2G7 lamp fitting for 9 W compact fluorescent lamps
- Freely combinable with 19 different System-Globes SG – see below!
- Wall or outer corner installation
- Special base for outer corner installation available as an accessory
- Time-saving single-handed plug-in base installation
- **Application examples:**  
entrances, garages, patios, balconies, at entrance gates



### ■ ACCESSORY (OPTIONAL)

AL20-ES corner base for outer corner installation



white

black

silver

Energy and environment balance sheet see page 15

Description	Colour	Part number
AL20-EB-PL9 SLS	white	91715
AL20-EB-PL9 SLS	black	91735
AL20-EB-PL9 SLS	silver	91755
<b>Accessory (optional)</b>		
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
AL20-ES corner base	silver	92426

## LUXOMAT® AL20-E27



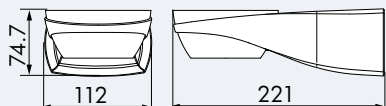
black with globe Stuttgart



white



silver



### TECHNICAL DATA

- 230 V ~ ±10 %
- IP44 / Class II / CEE
- L 221 x W 112 x H 75 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

- max. 100 W – conventional lamp or E27 energy-saving lamp

### System shades (see page 22)



### PRODUCT INFORMATION

- System light lower sections LUXOMAT® AL20-E27 SLS - without motion detectors for energy-saving lamps or lamps with E27 fitting
- Suitable for use with automatic lights
- Freely combinable with 19 different System-Globes SG – see below!
- Wall or outer corner installation
- Special base for outer corner installation available as an accessory
- Time-saving single-handed plug-in base installation
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

### ACCESSORY (OPTIONAL)

AL20-ES corner base for outer corner installation



white

black

silver

Energy and environment balance sheet see page 15

Description	Colour	Part number
AL20-E27 SLS	white	91710
AL20-E27 SLS	black	91730
AL20-E27 SLS	silver	91750
<b>Accessory (optional)</b>		
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
AL20-ES corner base	silver	92426

## LUXOMAT® ALC-ELU

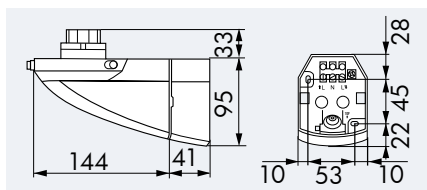
For 2G7 compact  
fluorescent lamps



black with globe Vienna



white



### ■ TECHNICAL DATA

~	230V~ ±10%
IP	IP44 / Class II / CEE
↗	L 185 x W 107 x H 147 mm
🌡	-25°C to +50°C
📄	made of high-quality and UV-resistant polycarbonate

### Lamps

2G7	2G7 PL 5 - 9 W compact fluorescent lamp
-----	--

### ■ System shades (see page 22)



### i PRODUCT INFORMATION

- System light lower sections LUXOMAT® ALC-ELU SLS with electronic ballast and 2G7 lamp fitting for 9 W compact fluorescent lamps
- Freely combinable with 17 different System-Globes SG – see below!
- Wall or outer corner installation
- Special base for outer corner installation available as an accessory
- Time-saving single-handed plug-in base installation
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

### ■ ACCESSORY (OPTIONAL)

ALC-ES corner base for outer corner installation



white



black

Energy and environment balance  
sheet see page 15

Description	Colour	Part number
ALC-ELU SLS	white	91330
ALC-ELU SLS	black	91340
<b>Accessory (optional)</b>		
ALC-ES corner base	white	91305
ALC-ES corner base	black	91325

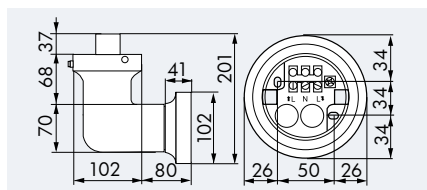
## LUXOMAT® AL2-RC-plus



black with globe Bruxelles



white



### ■ TECHNICAL DATA

- 230 V~ ±10%
- IP44 / Class II / CEE
- L 182 x W 102 x H 175 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

- max. 100 W – conventional lamp or E27 energy-saving lamp

### ■ System shades (see page 22)



### ■ PRODUCT INFORMATION

- System light lower sections LUXOMAT® AL2-RC-plus SLS – without motion detectors for energy-saving lamps or lamps with E27 fitting
- Freely combinable with 17 different System-Globes SG – see below!
- Wall, ceiling, inside and outside corner installation
- Time-saving single-handed plug-in base installation
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

### ■ ACCESSORY (OPTIONAL)

AL2-RC-plus-ES corner base for outside and inside corner installation



white

black

Energy and environment balance sheet see page 15

Description	Colour	Part number
AL2-RC-plus SLS (without motion detector)	white	10640
AL2-RC-plus SLS (without motion detector)	black	10641
<b>Accessory (optional)</b>		
AL2-RC-plus corner base	white	92373
AL2-RC-plus corner base	black	92414



### LUXOMAT® AL20-CdS-PL9

For 2G7 compact fluorescent lamps



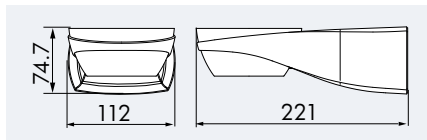
black with globe Frankfurt



white



silver



#### ■ TECHNICAL DATA

- ~ 230V ~ ±10%
- IP44 / Class II / CEE
- L 221 x W 112 x H 75 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

#### Lamps

- 2G7 2G7 PL 5 - 9 W compact fluorescent lamp

#### Channel 1 (light control)

- 1000 W, cos φ = 1
- 500 W, cos φ = 0.5
- 10 - 2000 Lux

#### ■ System shades (see page 22)



#### i PRODUCT INFORMATION

- Automatic switching with built-in, continuously variable twilight switch
- System light lower sections LUXOMAT® AL20-CdS-PL9 SLS with electronic ballast and twilight switch (light sensor) for automatic switching on and off and for use with compact fluorescent lamps
- With 2G7 lamp fitting for 9 W compact energy saving lamps
- Freely combinable with 19 different System-Globes SG – see below!
- Wall or outer corner installation
- Special base for outer corner installation available as an accessory
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- Application examples: entrances, garages, patios, balconies, at entrance gates

▶ Wiring diagrams on page 79, 80!

#### ■ ACCESSORY (OPTIONAL)

AL20-ES corner base for outer corner installation



white

black

silver

Energy and environment balance sheet see page 15

Description	Colour	Part number
AL20-CdS-PL9 SLS	white	91717
AL20-CdS-PL9 SLS	black	91737
AL20-CdS-PL9 SLS	silver	91757
<b>Accessory (optional)</b>		
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
AL20-ES corner base	silver	92426

### LUXOMAT® ALC-ELU/D



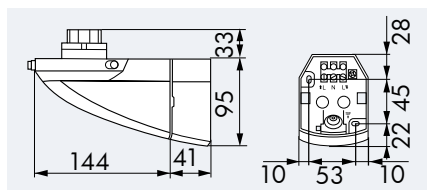
For 2G7 compact fluorescent lamps



black with globe Oslo



white



#### ■ TECHNICAL DATA

- 230 V ~ ±10%
- IP44 / Class II / CEE
- L 185 x W 107 x H 147 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

#### Lamps

- 2G7 PL 5 - 9 W compact fluorescent lamp

#### Channel 1 (light control)

- 1000 W, cos φ = 1
- 2 - 2000 Lux

#### ■ System shades (see page 22)



#### ■ PRODUCT INFORMATION

- Automatic switching with built-in, continuously variable twilight switch
- System light lower sections LUXOMAT® ALC-ELU/D SLS with electronic ballast and 2G7 lamp fitting for 9 W energy-saving lamps
- Freely combinable with 17 different System-Globes SG – see below!
- Wall or outer corner installation
- Special base for outer corner installation available as an accessory
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

► Wiring diagrams on page 79, 80!

#### ■ ACCESSORY (OPTIONAL)

ALC-ES corner base for outer corner installation



white



black

Energy and environment balance sheet see page 15

Description	Colour	Part number
ALC-ELU/D SLS	white	91335
ALC-ELU/D SLS	black	91345
<b>Accessory (optional)</b>		
ALC-ES corner base	white	91305
ALC-ES corner base	black	91325

### LUXOMAT® AL20-280/BM



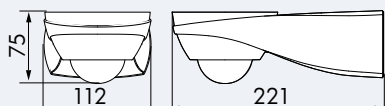
black with globe London



white



silver



#### ■ TECHNICAL DATA

- 230V~ ±10%
- 280°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CEE
- L 221 x W 112 x H 75 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- RC-AL20, IR-RC-Mini

#### Lamps

- max. 100 W – conventional lamp or E27 energy-saving lamp

#### Channel 1 (light control)

- 1000 W,  $\cos \varphi = 1$
- 15 sec. - 16 min.
- 10 - 2000 Lux

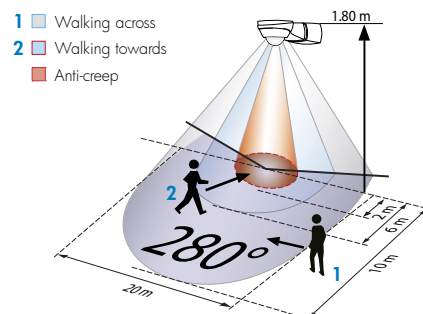
#### ■ System shades (see page 22)



#### ① PRODUCT INFORMATION

- System light lower sections LUXOMAT® AL20-280/BM SLS with motion detector and twilight switch with a 280° detection range, suitable for conventional lamps and energy-saving lamps with E27 fittings
- Freely combinable with 19 different System-Globes SG - see below
- Settings may be made manually with the potentiometer and remotely with the LUXOMAT® RC-AL20 infrared remote control
- Wall or outer corner installation
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- Application examples: entrances, garages, patios, balconies, at entrance gates

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 71!



#### ■ ACCESSORY (OPTIONAL)

RC-AL20



(to order separately)

IR-RC-Mini



(to order separately)

AL20-ES corner base for outer corner installation



white

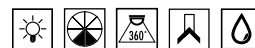
black

silver

Energy and environment balance sheet see page 15

Description	Colour	Part number
AL20-280/BM SLS with motion detector	white	91700
AL20-280/BM SLS with motion detector	black	91720
AL20-280/BM SLS with motion detector	silver	91740
<b>Accessory (optional)</b>		
LUXOMAT® RC-AL20	grey	92033
LUXOMAT® IR-RC-Mini	grey	92090
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
AL20-ES corner base	silver	92426

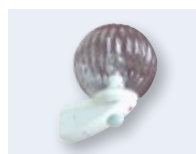
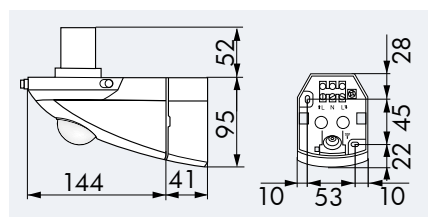
### LUXOMAT® ALC-B-360



black with globe Oslo



white

ALC-K-360 white  
As a special offerALC-K-360 black  
As a special offer

#### TECHNICAL DATA

- 230 V ~ ±10 %
- 120°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CEE
- L 185 x W 107 x H 147 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

#### Lamps

- max. 100 W – conventional lamp or E27 energy-saving lamp

#### Channel 1 (light control)

- 1000 W, cos φ = 1
- 4 sec. - 10 min.
- 2 - 2000 Lux

#### System shades (see page 22)

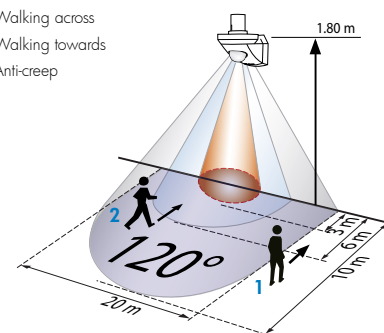


#### PRODUCT INFORMATION

- System light lower sections LUXOMAT® ALC-B-360 SLS with motion detector and twilight switch, suitable for conventional lamps
- Freely combinable with 17 different System-Globes SG – see below!
- Vertical detection range 360° and horizontal detection range 120°
- Wall or outer corner installation
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- Application examples: entrances, garages, patios, balconies, at entrance gates

▶ Wiring diagrams on page 79, 80!

- 1 Walking across
- 2 Walking towards
- Anti-creep



#### ACCESSORY (OPTIONAL)

ALC-ES corner base for outer corner installation



white



black

Replacement globe ALC-K



transparent

Energy and environment balance sheet see page 15

Description	Colour	Part number
ALC-B-360 SLS with motion detector	white	91301
ALC-B-360 SLS with motion detector	black	91321
ALC-K-360 Incl. crystal glass (special offer)	white	91306
ALC-K-360 Incl. crystal glass (special offer)	black	91326
<b>Accessory (optional)</b>		
ALC-ES corner base	white	91305
ALC-ES corner base	black	91325
Replacement globe für ALC-K	transparent	94115



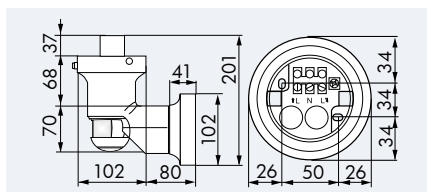
## LUXOMAT® AL2-RC-plus 130



white with globe Hamburg

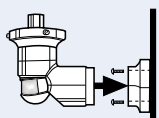


black

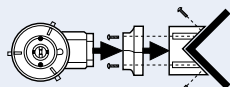


### Installation types

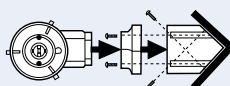
#### Wall installation



#### Outside corner mounting



#### Inside corner mounting



### TECHNICAL DATA

- 230V~ ±10%
- 130°
- max. 16 m by walking across (tangential)
- IP44 / Class II / CEE
- L 182 x W 102 x H 175 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-RC, IR-RC-Mini
- Lamps**
- E27 max. 100 W – conventional lamp or E27 energy-saving lamp

### Channel 1 (light control)

- 1000 W,  $\cos \varphi = 1$
- 15 sec. - 16 min. or pulse function
- 2 - 2000 Lux

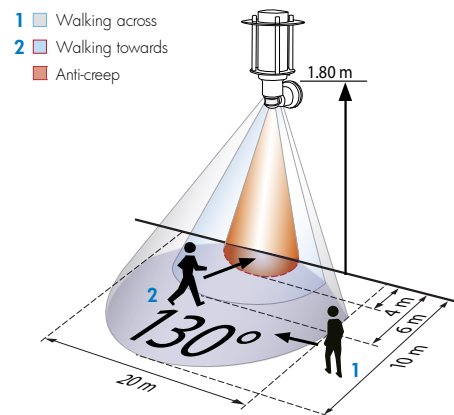
### System shades (see page 22)



### PRODUCT INFORMATION

- Remote controllable system light lower sections LUXOMAT® AL2-RC-plus SLS
- Freely combinable with 17 different System-Globes SG – see below!
- Tried-and-tested RC-plus motion-detector technology with 130° detection range
- 360° creep zone protection for full security, may be activated or deactivated using the LUXOMAT® IR-RC remote control.
- Wall, ceiling, inside and outside corner installation
- Time-saving single-handed plug-in base installation
- Continuous light ON and OFF possible at any time with the optional LUXOMAT® IR-RC-Mini remote control
- Connection of external lights possible
- **Application examples:** monitoring of an entire side of a house, entrance areas, garages, at entrance gates

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 74, 75!



Energy and environment balance sheet see page 15

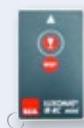
### ACCESSORY (OPTIONAL)

#### IR-RC



(to order separately)

#### IR-RC-Mini



(to order separately)

#### AL2-RC-plus-ES corner base for outside and inside corner installation



white



black

#### RC element



Description	Colour	Part number
AL2-RC-plus 130 SLS	white	92381
AL2-RC-plus 130 SLS	black	92391
<b>Accessory (optional)</b>		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
AL2-RC-plus corner base	white	92373
AL2-RC-plus corner base	black	92414
RC element	white	10880



## LUXOMAT® AL2-RC-plus 230



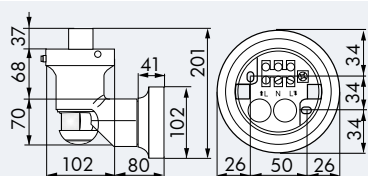
silver with globe Hamburg



white

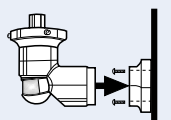


black

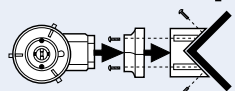


### Installation types

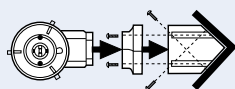
#### Wall installation



#### Outside corner mounting



#### Inside corner mounting



### TECHNICAL DATA

- 230 V ~ ±10 %
- 230°
- max. 16 m by walking across (tangential)
- IP44 / Class II / CEE
- L 182 x W 102 x H 175 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-RC, IR-RC-Mini
- Lamps**  
E27 max. 100 W – conventional lamp or E27 energy-saving lamp

### Channel 1 (light control)

- 1000 W,  $\cos \varphi = 1$
- 15 sec. - 16 min. or pulse function
- 2 - 2000 Lux

### System shades (see page 22)

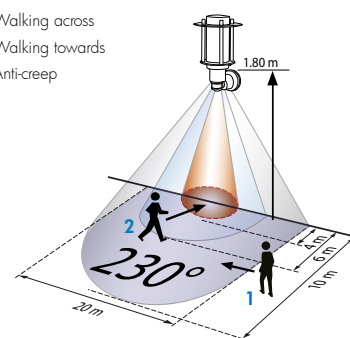


### PRODUCT INFORMATION

- Remote controllable system light lower sections LUXOMAT® AL2-RC-plus SLS
- Freely combinable with 17 different System-Globes SG – see below!
- Tried-and-tested RC-plus motion-detector technology with 230° detection range
- 360° creep zone protection for full security, may be activated or deactivated using the LUXOMAT® IR-RC remote control.
- Wall, ceiling, inside and outside corner installation
- Time-saving single-handed plug-in base installation
- Continuous light ON and OFF possible at any time with the optional LUXOMAT® IR-RC-Mini remote control
- Connection of external lights possible
- Application examples:** monitoring of an entire side of a house, entrance areas, garages, at entrance gates

- Wiring diagrams on page 79, 80!
- Remote controls on page 74, 75!

- 1 Walking across
- 2 Walking towards
- Anti-creep



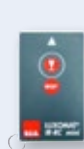
### ACCESSORY (OPTIONAL)

#### IR-RC



(to order separately)

#### IR-RC-Mini



(to order separately)

#### AL2-RC-plus-ES corner base for outside and inside corner installation



white

black

silver

#### RC element



Energy and environment green sheet see page 15

Description	Colour	Part number
AL2-RC-plus 230 SLS	white	92382
AL2-RC-plus 230 SLS	black	92392
AL2-RC-plus 230 SLS	silver	92047
<b>Accessory (optional)</b>		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
AL2-RC-plus corner base	white	92373
AL2-RC-plus corner base	black	92414
AL2-RC-plus corner base	silver	92048
RC element	white	10880

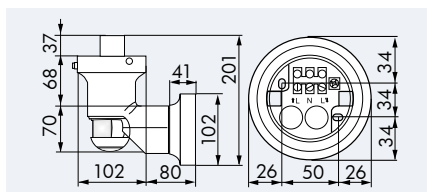
## LUXOMAT® AL2-RC-plus 280



white with globe Hamburg

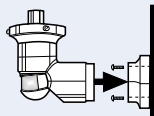


black

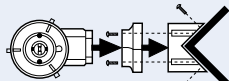


### Installation types

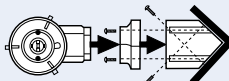
#### Wall installation



#### Outside corner mounting



#### Inside corner mounting



### TECHNICAL DATA

- 230V~ ±10%
- 280°
- max. 16 m by walking across (tangential)
- IP44 / Class II / CEE
- L 182 x W 102 x H 175 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-RC, IR-RC-Mini

### Lamps

- max. 100 W – conventional lamp or E27 energy-saving lamp

### Channel 1 (light control)

- 1000 W,  $\cos \varphi = 1$
- 15 sec. - 16 min. or pulse function
- 2 - 2000 Lux

### System shades (see page 22)

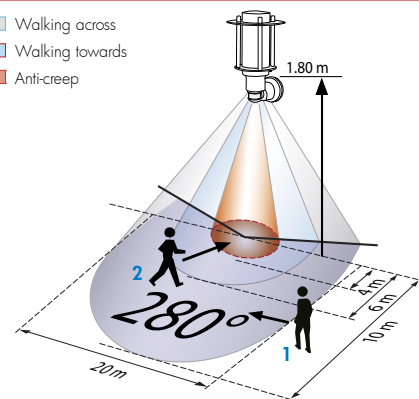


### PRODUCT INFORMATION

- Remote controllable system light lower sections LUXOMAT® AL2-RC-plus SLS
- Freely combinable with 17 different System-Globes SG – see below!
- Tried-and-tested RC-plus motion-detector technology with 280° detection range
- 360° creep zone protection for full security, may be activated or deactivated using the LUXOMAT® IR-RC remote control.
- Wall, ceiling, inside and outside corner installation
- Including special base for corner installation
- Time-saving single-handed plug-in base installation
- Continuous light ON and OFF possible at any time with the optional LUXOMAT® IR-RC-Mini remote control
- Connection of external lights possible
- **Application examples:** monitoring of an entire side of a house, entrance areas, garages, at entrance gates

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 74, 75!

- 1 Walking across
- 2 Walking towards
- Anti-creep



Energy and environment balance sheet see page 15

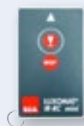
### ACCESSORY (OPTIONAL)

#### IR-RC



(to order separately)

#### IR-RC-Mini



(to order separately)

#### AL2-RC-plus-ES corner base for outside and inside corner installation



white



black

#### RC element



Description	Colour	Part number
AL2-RC-plus 280 SLS	white	92383
AL2-RC-plus 280 SLS	black	92393
<b>Accessory (optional)</b>		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
AL2-RC-plus corner base	white	92373
AL2-RC-plus corner base	black	92414
RC element	white	10880

### LUXOMAT® AL20-280/BM-LED



#### PRODUCT INFORMATION

- **Integrated secondary LED light ring** for additional decorative illumination of the building, activated by remote control
- **System light lower sections LUXOMAT® AL20-280/BM SLS** with motion detector and twilight switch with a 280° detection range, suitable for conventional lamps and energy-saving lamps with E27 fittings
- Freely combinable with 19 different **System-Globes SG** - see below
- Settings may be made manually with the potentiometer and remotely with the **LUXOMAT® RC-AL20** infrared remote control
- Wall or outer corner installation
- Including special base for corner installation
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

#### TECHNICAL DATA

- ~ 230 V ~ ±10%
- 280°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CEE
- L 221 x W 112 x H 75 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- RC-AL20, IR-RC-Mini

#### Lamps

- Primary light**  
E27 max. 100 W – conventional lamp or E27 energy-saving lamp
- Secondary light**  
4 LEDs / 1 W

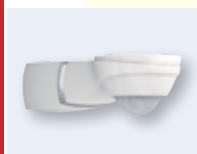
#### Channel 1 (light control)

- 1000 W,  $\cos\varphi = 1$
- 15 sec. - 16 min.
- 10 - 2000 Lux

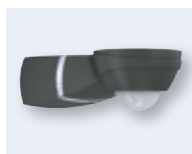
#### System shades (see page 22)



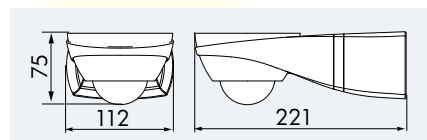
silver with globe Dortmund



white



black



#### ACCESSORY (OPTIONAL)

RC-AL20



(to order separately)

IR-RC-Mini



(to order separately)

AL20-ES corner base for outer corner installation

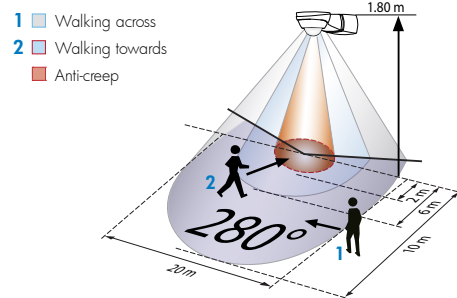


white

black

silver

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 71!



Energy and environment balance  
sheet see page 15

Description	Colour	Part number
AL20-280/BM-LED SLS with motion detector and decorative light	white	91705
AL20-280/BM-LED SLS with motion detector and decorative light	black	91725
AL20-280/BM-LED SLS with motion detector and decorative light	silver	91745
<b>Accessory (optional)</b>		
LUXOMAT® RC-AL20	grey	92033
LUXOMAT® IR-RC-Mini	grey	92090
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
AL20-ES corner base	silver	92426

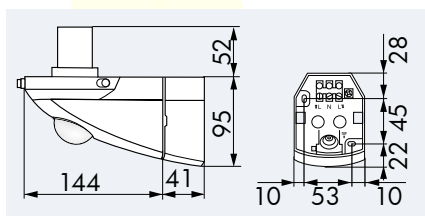
### LUXOMAT® ALC-B-360 DECO



black with globe Oslo



white



#### ■ TECHNICAL DATA

- ~ 230V~ ±10%
- 120°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CEE
- L 185 x W 107 x H 147 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-LC-Mini

#### Lamps

- Primary light**  
max. 100 W – conventional lamp or E27 energy-saving lamp
- Secondary light**  
1 LED / 1 W

#### Channel 1 (light control)

- 1000 W,  $\cos \varphi = 1$
- 4 sec. - 10 min.
- 2 - 2000 Lux

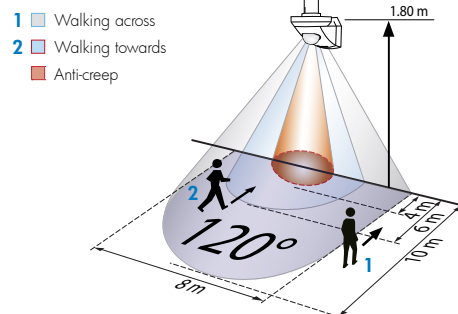
#### ■ System shades (see page 22)



#### ■ PRODUCT INFORMATION

- **Decorative secondary LED lighting**, switched by remote control
- **System light lower sections LUXOMAT® ALC-B-360-DECO SLS** with motion detector and twilight switch, suitable for conventional lamps
- Freely combinable with 17 different **System-Globes SG** – see below!
- Remotely controllable with **LUXOMAT® IR-LC-Mini** remote control
- Vertical detection range 360° and horizontal detection range 120°
- Wall or outer corner installation
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- **Application examples:**  
entrances, garages, patios, balconies, at entrance gates

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 73!



- 1 Walking across
- 2 Walking towards
- Anti-creep

#### ■ ACCESSORY (OPTIONAL)

IR-LC-Mini



(to order separately)

ALC-ES corner base for outer corner installation



white







black

Energy and environment balance  
sheet see page 15

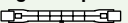


Description	Colour	Part number
ALC-B-360 DECO-SLS with motion detector and decorative light	white	91351
ALC-B-360 DECO-SLS with motion detector and decorative light	black	91352
<b>Accessory (optional)</b>		
LUXOMAT® IR-LC-Mini	grey	92093
ALC-ES corner base	white	91305
ALC-ES corner base	black	91325



### Energy savings with FL2-LED instead of 150 W halogen

Mode / lamps	LED 12 x 1 W	Halogen lamp 150 W	Savings
			
Consumption in kWh / year on 250 working days	24 kWh	300 kWh	276 kWh
CO <sub>2</sub> emission reductions			138 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 7**
Costs per year at 0.20 €/kWh	4.80 €	60 €	55.20 €




### Energy- and environmentally-efficient halogen floodlight 500 W

Mode / lamps	Halogen lamp 500 W		Savings
	with MD	without MD	
			
Consumption in kWh / year	183 kWh	1460 kWh	1278 kWh
CO <sub>2</sub> emission reductions			639 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 32**
Costs per year at 0.20 €/kWh	36.60 €	292 €	255.60 €

\*0.5 kg CO<sub>2</sub> for generating 1 kWh with mean energy mix

\*\*1 tree absorbs 20 kg CO<sub>2</sub> / year


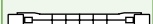


### Energy- and environmentally-efficient halogen floodlight 150 W

Mode / lamps	Halogen lamp 150 W		Savings
	with MD	without MD	
			
Consumption in kWh / year	55 kWh	438 kWh	383 kWh
CO <sub>2</sub> emission reductions			192 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 10**
Costs per year at 0.20 €/kWh	11 €	87.60 €	76.60 €


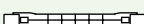


without MD (motion detector) = continuous light (estimated activation time approx. 8 h in 24 h)

with MD = light only when motion is detected (mean total of all activation times approx. 1 h in 24 h)





### Energy- and environmentally-efficient 24 W – 500 W

Mode / lamps	Energy-saving lamp 24 W	Halogen lamp 500 W	Savings
			
Consumption in kWh / year on 250 working days	70 kWh	1460 kWh	1390 kWh
CO <sub>2</sub> emission reductions			695 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 35**
Costs per year at 0.20 €/kWh	14 €	292 €	278 €

### Energy- and environmentally-efficient 24 W - 150 W

Mode / lamps	Energy-saving lamp 24 W	Halogen lamp 150 W	Savings
			
Consumption in kWh / year on 250 working days	70 kWh	438 kWh	368 kWh
CO <sub>2</sub> emission reductions			184 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 9**
Costs per year at 0.20 €/kWh	14 €	87.60 €	73.60 €





### Energy- and environmentally-efficient Ecolight 18

Mode / lamps	Energy-saving lamp 18 W	Incandescent lamp 100 W	Savings
			
Consumption in kWh / year on 250 working days	53 kWh	292 kWh	239 kWh
CO <sub>2</sub> emission reductions			120 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 6**
Costs per year at 0.20 €/kWh	10.60 €	58.40 €	47.80 €

\*0.5 kg CO<sub>2</sub> for generating 1 kWh with mean energy mix

\*\*1 tree absorbs 20 kg CO<sub>2</sub> / year

### Energy- and environmentally-efficient Ecolight 26

Mode / lamps	Energy-saving lamp 26 W	Incandescent lamp 150 W	Savings
			
Consumption in kWh / year on 250 working days	76 kWh	438 kWh	362 kWh
CO <sub>2</sub> emission reductions			181 kg*
Additional trees to help reduce CO <sub>2</sub>			 x 9**
Costs per year at 0.20 €/kWh	15.20 €	87.60 €	72.42 €



## OVERVIEW OF OUTDOOR FLOODLIGHTS

Outdoor floodlight	Part no.	Page	Wall installation	Wall bracket	Earth spike	Hand-held light	Motion detection	Remotely controllable	Range	Detection angle
FL3-LED	92534 – white 92533 – black	45	■	—	—	—	—	—	—	—
FL2-LED	92494 – white 92493 – black	46	■	—	—	—	—	—	—	—
FL-LED	91826 – 6 LEDs 91825 – 12 LEDs	47	■	—	—	—	—	—	—	—
FL3-LED-130	92532 – white 92531 – black	48	■	—	—	—	■	—	10 m	130°
FL2-LED-230	92492 – white 92491 – black	49	■	—	—	—	■	■	20 m	230°
FLC-280-LED	91823 – 12 LEDs	50	■	—	—	—	■	■	16 m	280°
Ecolight 18-W	21005 – white 21000 – black	51	■	—	—	—	—	—	—	—
Ecolight 26-W	22005 – white 22000 – black	51	■	—	—	—	—	—	—	—
Ecolight 18-WB	21045 – white 21040 – black	52	—	■	—	—	—	—	—	—
Ecolight 26-WB	22045 – white 22040 – black	52	—	■	—	—	—	—	—	—
Ecolight 18-SP	21020 – black	53	—	—	■	—	—	—	—	—
Ecolight 26-SP	22020 – black	53	—	—	■	—	—	—	—	—
Ecolight 18-W Automatic	21015 – white 21010 – black	54	■	—	—	—	—	—	—	—
Ecolight 26-W Automatic	22015 – white 22010 – black	54	■	—	—	—	—	—	—	—
Ecolight 18-WB Automatic	21055 – white 21050 – black	55	—	■	—	—	—	—	—	—
Ecolight 26-WB Automatic	22055 – white 22050 – black	55	—	■	—	—	—	—	—	—
FL 150	92352 – white 92353 – black	56	■	—	—	—	—	—	—	—
FL 500	92351 – white 92350 – black	56	■	—	—	—	—	—	—	—
FL-A 150	92354 – black	57	—	—	—	■	—	—	—	—
FL-A 500	92355 – black	57	—	—	—	■	—	—	—	—
FLC 150-140	91811 – white 91831 – black	58	■	—	—	—	■	■	12 m	140°
FLC 150-200	91801 – white 91831 – black	58	■	—	—	—	■	■	12 m	200°
FLC 500-140	91812 – white 91832 – black	58	■	—	—	—	■	■	12 m	140°
FLC 500-200	91802 – white 91822 – black	58	■	—	—	—	■	■	12 m	200°
AL5-RC-plus next	92401 – white 92400 – black	59	■	—	—	—	□	□	20 m	130°, 230° or 280°
AL5-LC	92405 – white 92403 – black	60	■	—	—	—	□	□	16 m	280°

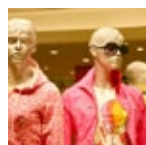
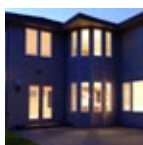
□ Accessory



## Moved into a pleasant light – LUXOMAT® floodlights



■ Warm-tone LED floodlights for efficient lighting



House  
entrances

Garages

Green spaces

Shop  
windows

Loading  
ramps

Parking lots

### Saving energy with lighting

Possible climate change has meant that the energy savings that can be made with new lighting technologies have become increasingly important. **B.E.G.** supplies a range of LED spotlights and energy-saving spotlights for a variety of needs. Besides energy savings, these products feature – as is typical of **B.E.G.** – high levels of functionality, simple installation and contemporary designs.

Particularly the new **B.E.G.** LED spotlights with integrated motion detectors and modern LED technologies help reduce energy consumption and thus represent an investment into the future of our environment.

The highly efficient warm-tone LEDs in conjunction with the new and specially developed reflecting systems make it possible to use these spotlights to create optimum lighting in the areas required.

Also suitable for outdoor installation, they are ideal for the continuous lighting of such large areas as, for example, loading-ramp or parking-lot areas.

**Saving energy with the future in mind! ■**

Index	Page	
LED floodlights	45 - 47	
LED floodlights with motion detector	48 - 50	
Energy saving floodlights	51 - 53	
Energy saving floodlights with twilight switch	54 - 55	
Halogen floodlight	56 - 57	
Halogen floodlight with motion detector	58 - 60	

## LUXOMAT® FL3-LED



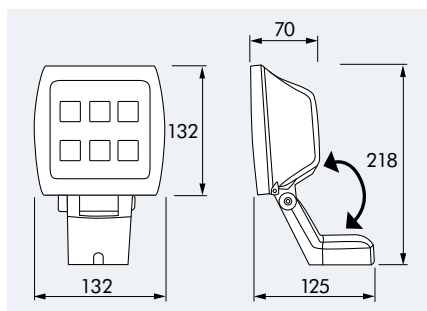
Warm-tone LEDs



white



black



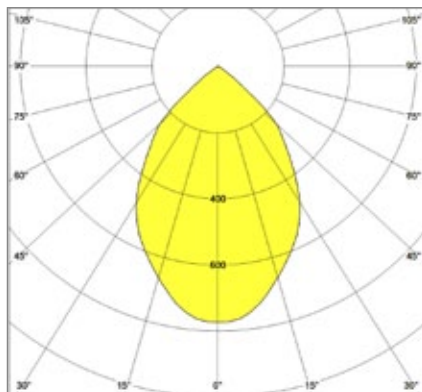
### ■ TECHNICAL DATA

	230V~ ±10%
	IP44 / Class I / CEE
	L 132 x W 125 x H 218 mm
	-25°C to +50°C
	made of die-cast aluminium

#### Lamps included

	6 x 1W diode
	<b>Light colour</b> approx. 3000 K
	<b>Total power consumption</b> 9 W

### Light distribution



### i PRODUCT INFORMATION

- **LUXOMAT® FL3-LED** floodlight with LED technology
- Suitable for outdoor installation
- Special reflector technology for even greater lighting efficiencies
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Adjustable for up or downlighting
- **Application examples:**  
illumination of loading ramps, parking lots

Energy and environment balance sheet see page 42

Description	Colour	Part number
FL3-LED	white	92534
FL3-LED	black	92533



### LUXOMAT® FL2-LED



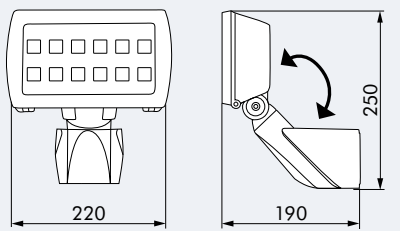
Warm-tone LEDs



white



black



#### ■ TECHNICAL DATA

- 230V~ ±10%
- IP44 / Class I / CEE
- L 190 x W 220 x H 250 mm
- 25°C to +50°C
- made of die-cast aluminium

#### Lamps included

12 x 1W diode



**Light colour** approx. 3000 K

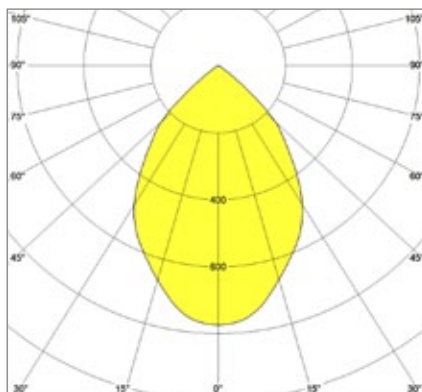
**Total power consumption**

14 W

#### PRODUCT INFORMATION

- LUXOMAT® FL2-LED floodlight with LED technology
- Suitable for outdoor installation
- Special reflector technology for even greater lighting efficiencies
- Lamp may be swivelled in three axes
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Adjustable for up or downlighting
- **Application examples:**  
illumination of loading ramps, parking lots

#### Light distribution



Energy and environment balance sheet see page 42

Description	Colour	Part number
FL2-LED	white	92494
FL2-LED	black	92493

## LUXOMAT® FL-LED



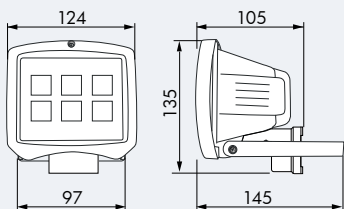
Warm-tone LEDs



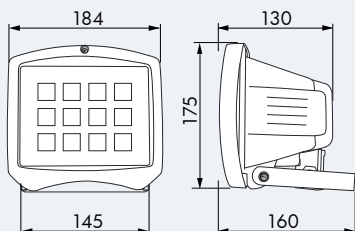
FL-LED-12



FL-LED-6



LED-6



LED-12

### ■ TECHNICAL DATA

- 230V~ ±10%
- IP44 / Class I / CEE
- FL-LED-6**  
L 145 x W 124 x H 135 mm
- FL-LED-12**  
L 160 x W 184 x H 175 mm
- 25°C to +50°C
- made of die-cast aluminium

### Lamps included

- FL-LED-12** 12 x 1W diode
- FL-LED-6** 6 x 1W diode

### i PRODUCT INFORMATION

- **LUXOMAT® FL-LED** floodlight with LED technology
- Suitable for outdoor installation
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- **Application examples:**  
illumination of loading ramps, parking lots



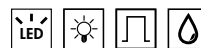
OUTDOOR  
FLOODLIGHTS

Energy and environment balance  
sheet see page 42

Description	Colour	Part number
FL-LED-12	black	91825
FL-LED-6	black	91826



### LUXOMAT® FL3-LED-130



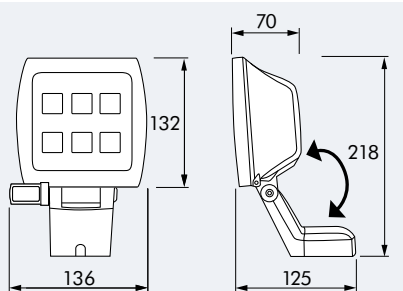
Warm-tone LEDs



white



black



#### TECHNICAL DATA

- 230V~ ±10%
- 130°
- max. 10 m by walking across
- IP44 / Class I / CCE
- L 136 x W 125 x H 218 mm
- 25°C to +50°C
- Die-cast aluminium floodlight, motion detector made of high-quality, UV-resistant polycarbonate

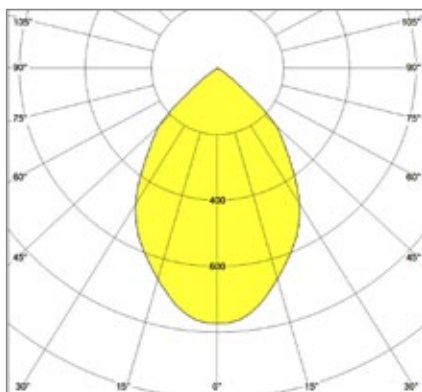
#### Lamps included

- 6 x 1W diode
- Light colour** approx. 3000K
- Total power consumption** 9W

#### Channel 1 (light control)

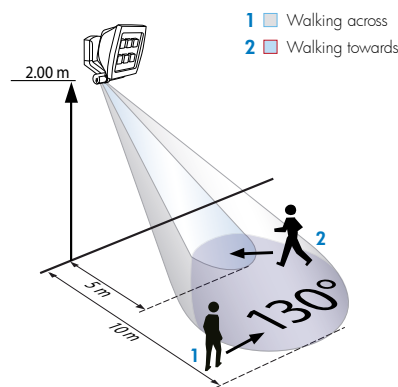
- 1000W,  $\cos\varphi = 1$   
500W,  $\cos\varphi = 0.5$
- 30 sec. - 30 min.
- 2 - 2000Lux

#### Light distribution



#### PRODUCT INFORMATION

- LUXOMAT® FL3-LED-130 floodlight with integrated motion detector and LED technology
- Suitable for outdoor installation
- 130° detection range
- Possible to connect additional lights that are switched in precisely the same way as the master light
- Twilight switch and activation time may be continuously varied
- Housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Adjustable for up or downlighting
- **Application examples:** ideal for monitoring narrow lots or entrance fronts



Energy and environment balance sheet see page 42

Description	Colour	Part number
FL3-LED-130	white	92532
FL3-LED-130	black	92531

### LUXOMAT® FL2-LED-230



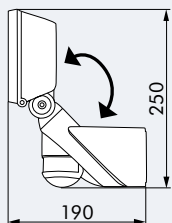
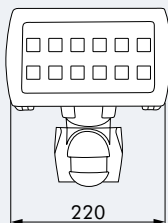
Warm-tone LEDs



white



black



#### TECHNICAL DATA

- 230 V~ ±10 %
- 230°
- max. 20 m by walking across

IP44 / Class I / CEE

L 190 x W 220 x H 250 mm

-25°C to +50°C

Die-cast aluminium floodlight, motion detector made of high-quality, UV-resistant polycarbonate

IR-RC, IR-RC-Mini

#### Lamps included

12 x 1 W diode

Light colour approx. 3000 K

Total power consumption

14 W

#### Channel 1 (light control)

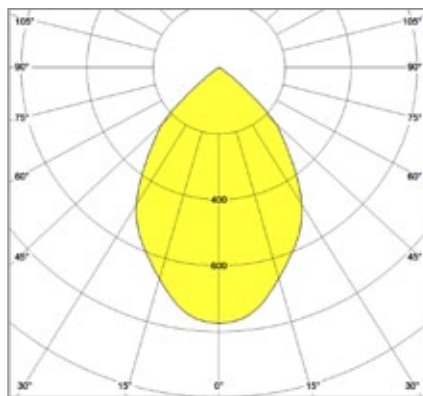
3000 W,  $\cos \varphi = 1$

1500 W,  $\cos \varphi = 0.5$

15 sec. - 16 min. and pulse function

2 - 2000 Lux

#### Light distribution



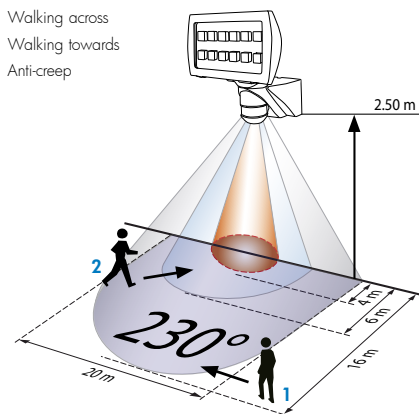
#### PRODUCT INFORMATION

- LUXOMAT® floodlight FL2-LED-230 with integrated motion detector and LED technology
- Special reflector technology for even greater lighting efficiencies
- Suitable for outdoor installation
- 230° detection range
- Lamp may be swivelled in three axes
- Possible to connect additional lights that are switched in precisely the same way as the master light
- Twilight switch and activation time may be continuously varied
- Housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Adjustable for up or downlighting
- Application examples:** ideal for monitoring large areas, e.g. loading-ramp or parking-lot areas

▶ Wiring diagrams on page 79, 80!

▶ Remote controls on page 74, 75!

- 1 Walking across
- 2 Walking towards
- Anti-creep



Energy and environment balance sheet see page 42

#### ACCESSORY (OPTIONAL)

IR-RC

IR-RC-Mini



(to order separately)



(to order separately)

Description	Colour	Part number
FL2-LED-230	black	92491
FL2-LED-230	white	92492
<b>Accessory (optional)</b>		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090

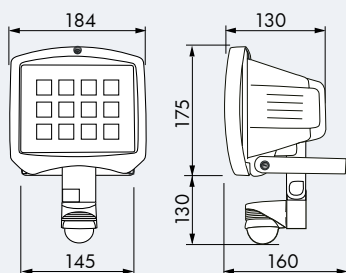
### LUXOMAT® FLC-280-LED



Warm-tone LEDs



black



#### TECHNICAL DATA

- 230V~ ±10%
- 280°
- max. 16 m by walking across
- IP44 / Class I / CEE
- L 160 x W 184 x H 305 mm
- 25°C to +50°C
- Die-cast aluminium floodlight, motion detector made of high-quality, UV-resistant polycarbonate
- IR-LC-plus, IR-LC-Mini

#### Lamps included

- 12 x 1W diode

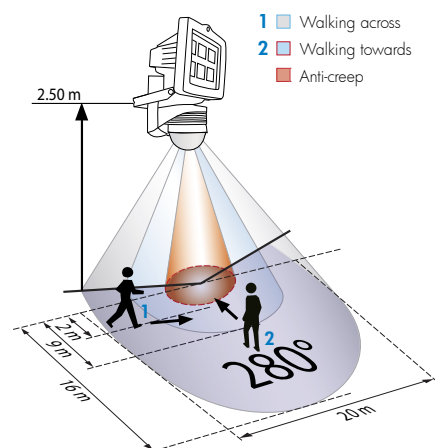
#### Channel 1 (light control)

- 2000 W, cosφ = 1  
1000 W, cosφ = 0.5
- 15 sec. - 16 min.
- 10 - 2000 Lux

#### PRODUCT INFORMATION

- LUXOMAT® FLC-280-LED floodlight with integrated motion detector and LED technology
- Suitable for outdoor installation
- 280° detection range
- Twilight switch and activation time may be continuously varied
- Housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- **Application examples:** ideal for monitoring large areas, e.g. loading-ramp or parking-lot areas

- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 72, 73!



#### ACCESSORY (OPTIONAL)

IR-LC-plus



(to order separately)

IR-LC-Mini



(to order separately)

Energy and environment balance sheet see page 42

Description	Colour	Part number
FLC-280-LED-12	black	91823
<b>Accessory (optional)</b>		
LUXOMAT® IR-LC-Mini	grey	92093
LUXOMAT® IR-LC-plus	grey	92095

## LUXOMAT® Ecolight 18-W and 26-W



18-W white



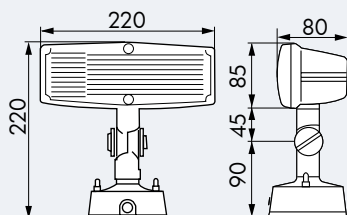
18-W black



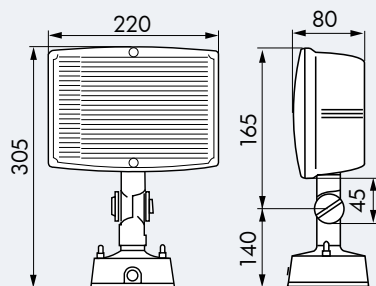
26-W black



26-W white



Ecolight 18-W



Ecolight 26-W

### TECHNICAL DATA

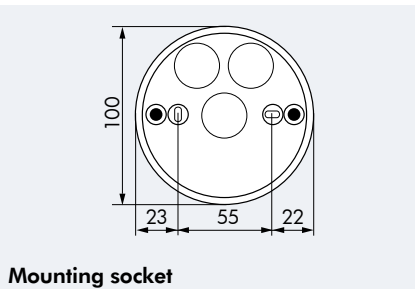
- 230V~ ±10%
- IP44 / Class II / CEE
- 18-W**  
L 100 x W 220 x H 220 mm
- 26-W**  
L 100 x W 220 x H 305 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

- 18-W** PL18W/G24q-2  
**Luminous flux** 1.200 lm
- 26-W** PL26W/G24q-3  
**Luminous flux** 1.800 lm

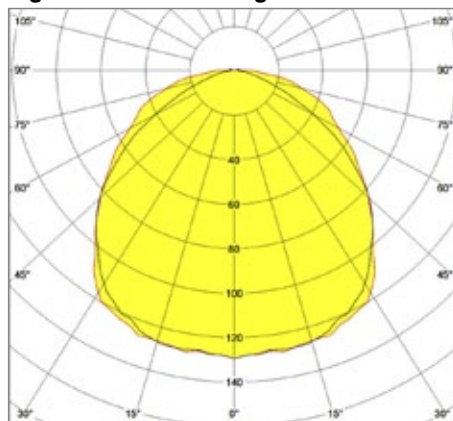
### PRODUCT INFORMATION

- **LUXOMAT®** Ecolight 18-W and Ecolight 26-W energy-saving floodlight for wall and ceiling installation
- Approx. 80% lower energy consumption when an 18 W energy-saving lamp is used compared with a 100 W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- **Application examples:**  
façade lighting, company signs, general lighting

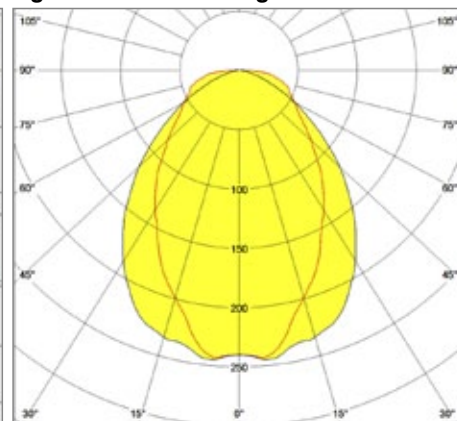


Mounting socket

### Light distribution Ecolight 18 W



### Light distribution Ecolight 26 W



Energy and environment balance sheet see page 42

Description	Colour	Part number
Ecolight 18-W	black	21000
Ecolight 18-W	white	21005
Ecolight 26-W	black	22000
Ecolight 26-W	white	22005

## LUXOMAT® Ecolight 18-WB and 26-WB



18-WB white



18-WB black



26-WB black



26-WB white

### TECHNICAL DATA

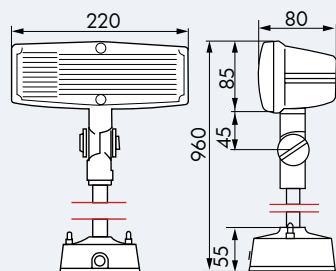
- 230V ~ ±10%
- IP44 / Class II / CEE
- 18-WB**  
L 100 x W 220 x H 960 mm
- 26-WB**  
L 100 x W 220 x H 1050 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

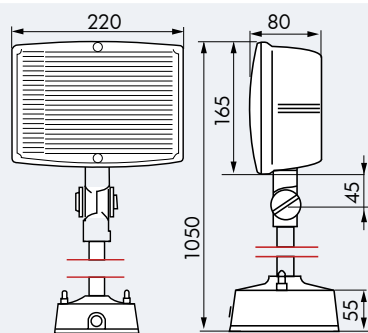
- 18-WB** PL18W/G24q-2  
**Luminous flux** 1.200 lm
- 26-WB** PL26W/G24q-3  
**Luminous flux** 1.800 lm

### PRODUCT INFORMATION

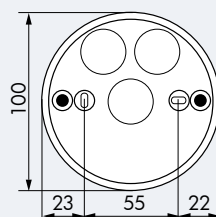
- **LUXOMAT® Ecolight 18-WB and Ecolight 26-WB** energy-saving floodlight for wall bracket installation
- Approx. 80% lower energy consumption when an 18 W energy-saving lamp is used compared with a 100W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- **Application examples:**  
façade lighting, company signs, general lighting



Ecolight 18-WB

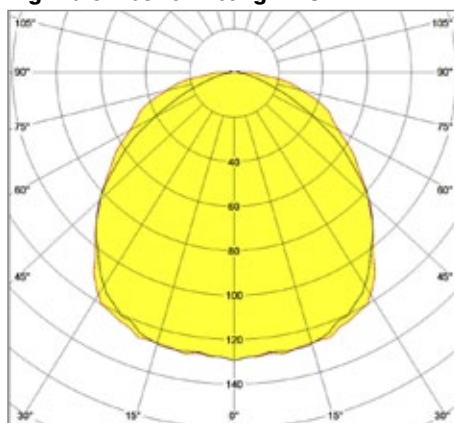


Ecolight 26-WB

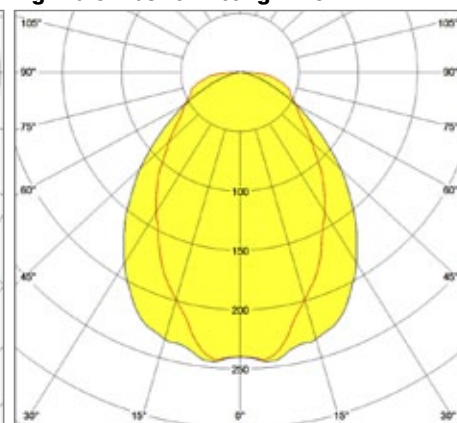


Mounting socket

Light distribution Ecolight 18W



Light distribution Ecolight 26W



Energy and environment balance  
sheet see page 42

Description	Colour	Part number
Ecolight 18-WB	black	21040
Ecolight 18-WB	white	21045
Ecolight 26-WB	black	22040
Ecolight 26-WB	white	22045



## LUXOMAT® Ecolight 18-SP and 26-SP



18-SP



26-SP



### TECHNICAL DATA

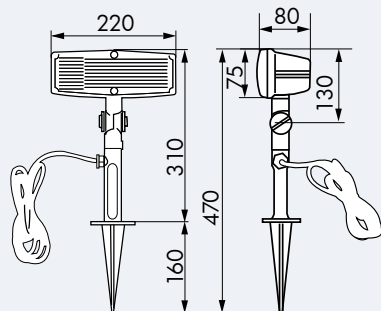
- 230 V ~ ±10 %
- IP44 / Class II / CEE
- 18-SP**  
L 80 x W 220 x H 470 mm
- 26-SP**  
L 80 x W 220 x H 550 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

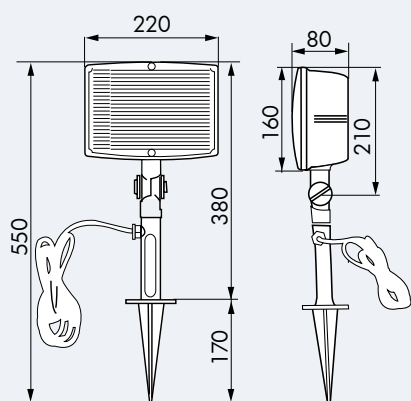
- 18-SP** PL18W/G24q-2  
**Luminous flux** 1.200 lm
- 26-SP** PL26W/G24q-3  
**Luminous flux** 1.800 lm

### PRODUCT INFORMATION

- LUXOMAT® Ecolight 18-SP and Ecolight 26-SP energy-saving floodlight with earth spike
- Approx. 80 % lower energy consumption when an 18 W energy-saving lamp is used compared with a 100 W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- Including 2 m connecting cable with plug CEE 7/7
- **Application examples:**  
lighting for gardens, paths, green spaces, beer gardens

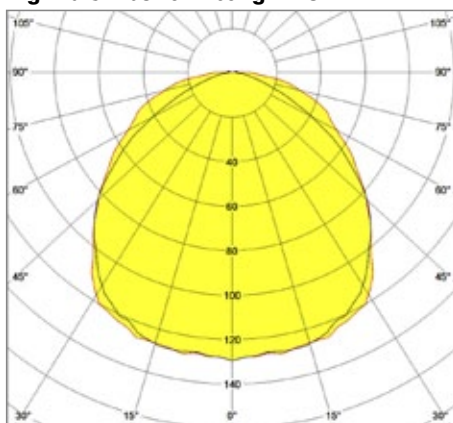


Ecolight 18-SP

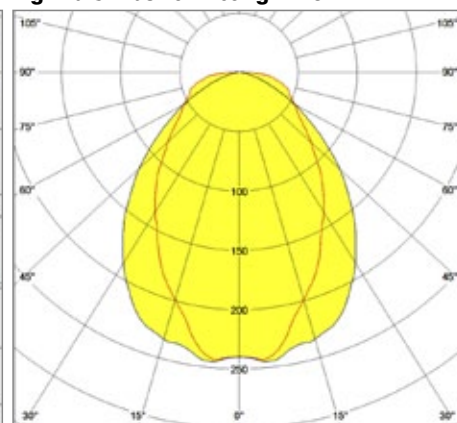


Ecolight 26-SP

Light distribution Ecolight 18 W



Light distribution Ecolight 26 W



Energy and environment balance sheet see page 42

Description	Colour	Part number
Ecolight 18-SP	black	21020
Ecolight 26-SP	black	22020

## LUXOMAT® Ecolight 18-/26-W Automatic



18-W white



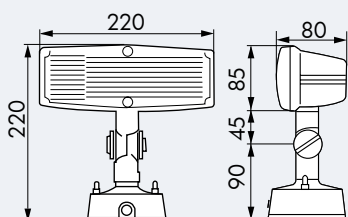
18-W black



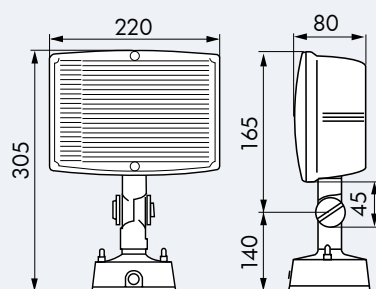
26-W black



26-W white



Ecolight 18-W



Ecolight 26-W

### TECHNICAL DATA

- ~ 230V ~ ±10%
- IP44 / Class II / CEE
- 18-W**  
L 100 x W 220 x H 220 mm
- 26-W**  
L 100 x W 220 x H 305 mm
- ° -25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

### Lamps

- 18-W** PL18W/G24q-2  
**Luminous flux** 1.200 lm
- 26-W** PL26W/G24q-3  
**Luminous flux** 1.800 lm

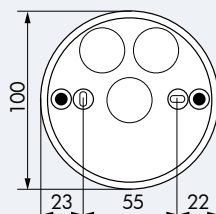
### Channel 1 (light control)

- ☀ 2 - 2000 Lux

### PRODUCT INFORMATION

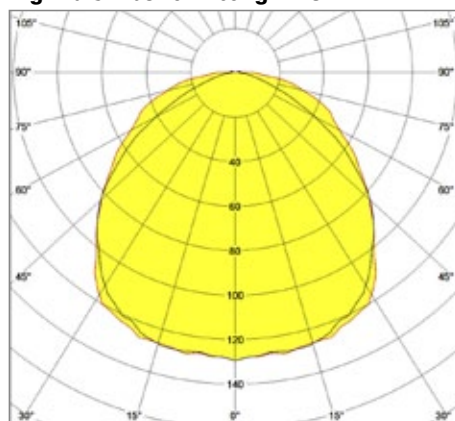
- LUXOMAT® Ecolight 18-W and Ecolight 26-W energy-saving floodlight for wall and ceiling installation
- Twilight switch may be continuously varied
- Approx. 80 % lower energy consumption when an 18 W energy-saving lamp is used compared with a 100 W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- **Application examples:**  
façade lighting, company signs, general lighting

► Wiring diagrams on page 79!

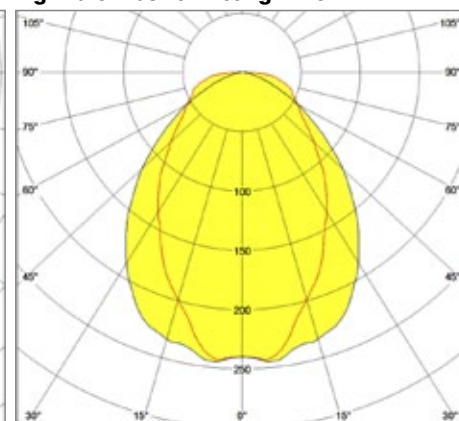


Mounting socket

### Light distribution Ecolight 18W



### Light distribution Ecolight 26W



Energy and environment balance sheet see page 42

Description	Colour	Part number
Ecolight 18-W Automatic	black	21010
Ecolight 18-W Automatic	white	21015
Ecolight 26-W Automatic	black	22010
Ecolight 26-W Automatic	white	22015

### LUXOMAT® Ecolight 18-/26-WB Automatic



18-WB white



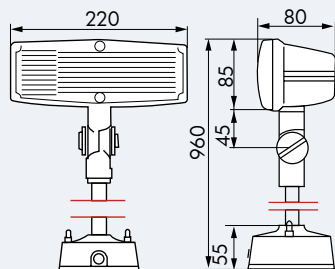
18-WB black



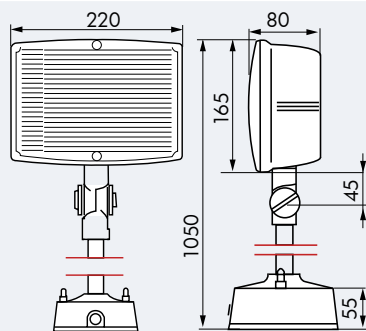
26-WB black



26-WB white



Ecolight 18-WB



Ecolight 26-WB

#### TECHNICAL DATA

- 230V~ ±10%
- IP44 / Class II / CEE
- 18-WB**  
L 100 x W 220 x H 960 mm
- 26-WB**  
L 100 x W 220 x H 1050 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate

#### Lamps

- 18-WB** PL18W/G24q-2  
**Luminous flux** 1.200 lm
- 26-WB** PL26W/G24q-3  
**Luminous flux** 1.800 lm

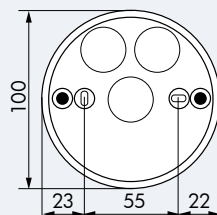
#### Channel 1 (light control)

- 2 - 2000 Lux

#### PRODUCT INFORMATION

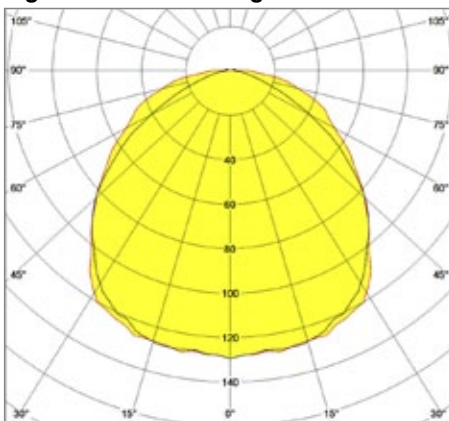
- LUXOMAT® Ecolight 18-WB and Ecolight 26-WB for wall bracket installation
- Twilight switch may be continuously varied
- Approx. 80% lower energy consumption when an 18 W energy-saving lamp is used compared with a 100 W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- **Application examples:**  
façade lighting, company signs, general lighting

▶ Wiring diagrams on page 79!

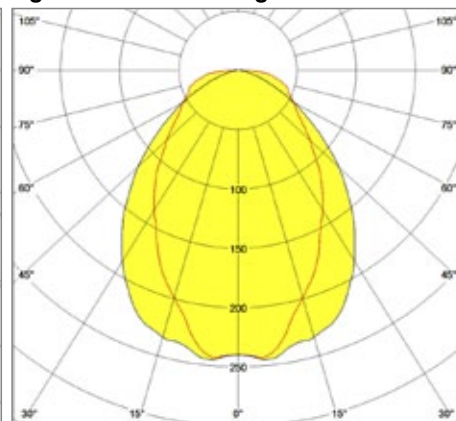


Mounting socket

#### Light distribution Ecolight 18 W



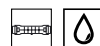
#### Light distribution Ecolight 26 W



Energy and environment balance sheet see page 42

Description	Colour	Part number
Ecolight 18-WB Automatic	black	21050
Ecolight 18-WB Automatic	white	21055
Ecolight 26-WB Automatic	black	22050
Ecolight 26-WB Automatic	white	22055

## LUXOMAT® FL 150 and FL 500



150 black



150 white



Fluo lamp



500 white



500 black

### TECHNICAL DATA



230V~ ±10%



IP44 / Class I / CEE

**FL 150**

L 145 x W 124 x H 135 mm

**FL 500**

L 160 x W 184 x H 175 mm



-25°C to +50°C



made of die-cast aluminium

### Lamps

**FL 150**

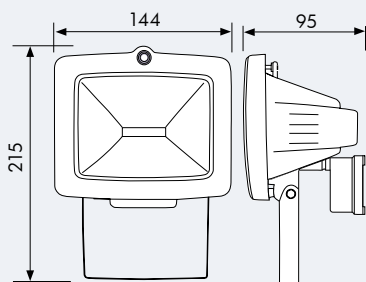
R7s (78 mm) max. 150 W

**FL 500**

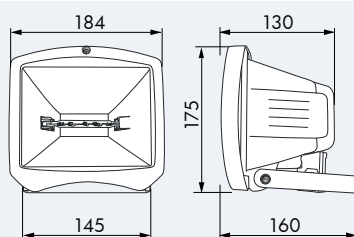
R7s (118 mm) max. 500 W

### PRODUCT INFORMATION

- LUXOMAT® FL halogen floodlight with 150 or 500 W
- Suitable for outdoor installation
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- **Application examples:**  
illumination of loading ramps, parking lots



FL 150



FL 500

Energy and environment balance  
sheet see page 42

Description	Colour	Part number
Halogen floodlight FL 150	white	92352
Halogen floodlight FL 150	black	92353
Halogen floodlight FL 500	white	92351
Halogen floodlight FL 500	black	92350
<b>Accessory (optional)</b>		
Fluo lamp 24 W-R7s (118 mm)	white	33316

## LUXOMAT® FL-A 150 and FL-A 500



150



500



Fluo lamp

### ■ TECHNICAL DATA

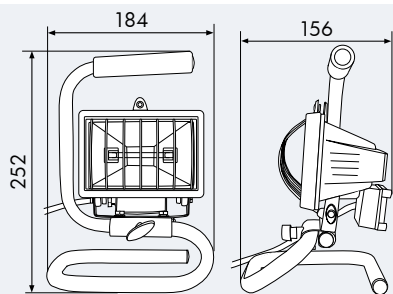
- 230 V~ ±10%
- IP44 / Class I / CEE
- FL-A 150**  
L 156 x W 184 x H 252 mm
- FL-A 500**  
L 205 x W 228 x H 327 mm
- 25°C to +50°C
- made of die-cast aluminium

### Lamps

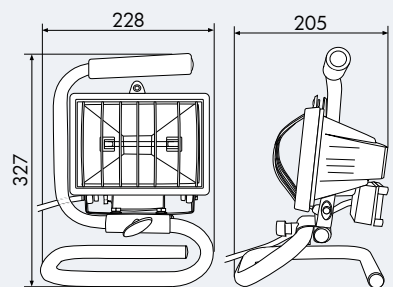
- FL-A 150**  
R7s (78 mm) max. 150 W
- FL-A 500**  
R7s (118 mm) max. 500 W

### ■ PRODUCT INFORMATION

- LUXOMAT® FL-A hand-held floodlight for max. 150 or 500 W
- Suitable for outdoor installation
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Including 1.80 m connecting cable with plug CEE 7/7
- **Application examples:**  
illumination of loading ramps, parking lots



FL-A 150



FL-A 500

Energy and environment balance sheet see page 42

Description	Colour	Part number
Halogen hand-held floodlight FL-A 150 W	black/yellow	92354
Halogen hand-held floodlight FL-A 500 W	black/yellow	92355
<b>Accessory (optional)</b>		
Fluo lamp 24 W-R7s (118 mm)	white	33316





## LUXOMAT® FLC 150 and FLC 500



FLC 150 - black



FLC 150 - white



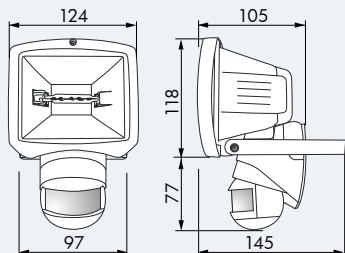
Fluo lamp



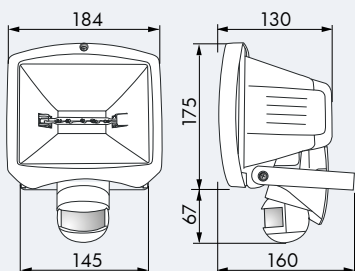
FLC 500 - white



FLC 500 - black



FLC 150



FLC 500

### TECHNICAL DATA

- 230V~ ±10%
- 140° or 200°
- max. 12 m by walking across

IP44 / Class I / CEE

**FLC 150**  
L 145 x W 124 x H 195 mm

**FLC 500**  
L 160 x W 184 x H 242 mm

-25°C to +50°C

Die-cast aluminium floodlight, motion detector made of high-quality, UV-resistant polycarbonate

### Lamps

**FLC 150**  
R7s (78 mm) max. 150 W

**FLC 500**  
R7s (118 mm) max. 500 W

### Channel 1 (light control)

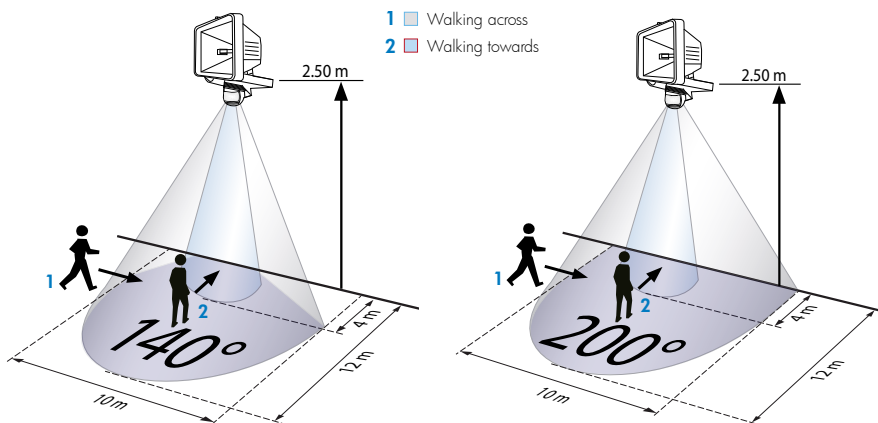
4 sec. - 10 min.

2 - 2000 Lux

### PRODUCT INFORMATION

- LUXOMAT® FLC 150 and FLC 500 halogen floodlight with integrated motion detector and twilight switch
- Suitable for outdoor installation
- 140° or 200° detection range
- Twilight switch and activation time may be continuously varied
- Housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Application examples:** ideal for monitoring large areas, e.g. loading-ramp or parking-lot areas

▶ Wiring diagrams on page 79!



Energy and environment balance  
sheet see page 42

Description	Colour	Part number
FLC-150-140	white	91811
FLC-150-140	black	91831
FLC-150-200	white	91801
FLC-150-200	black	91821
FLC-500-140	white	91812
FLC-500-140	black	91832
FLC-500-200	white	91802
FLC-500-200	black	91822
<b>Accessory (optional)</b>		
Fluo lamp 24W-R7s (118 mm)	white	33316

## LUXOMAT® AL5-RC-plus next 500



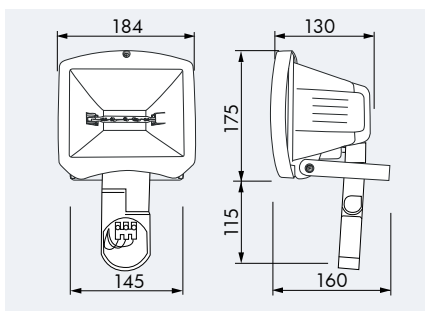
white



black



Fluo lamp



### TECHNICAL DATA

- 230 V~ ±10%
- IP44 / Class I / CEE
- L 160 x W 184 x H 290 mm
- 25°C to +50°C
- made of die-cast aluminium

### Lamps

- R7s (118 mm) max. 500 W

### Channel 1 (light control)

Data depending on sensor used

### PRODUCT INFORMATION

- LUXOMAT® AL5-RC-plus next halogen floodlight with adapter for **B.E.G. LUXOMAT® RC-plus next** motion detector with 130, 230 or 280° detection range and CdS-T-SM
- Suitable for outdoor installation
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Possible to connect additional lights that are switched in precisely the same way as the master light
- **Application examples:** lighting for loading ramps, parking lots, courtyards

- ▶ **Motion detector and spotlight must be ordered separately!**
- ▶ Please refer to the motion and presence detector catalogue for information about the LUXOMAT® RC-plus next motion detectors with 130, 230 or 280° detection ranges.
- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 74, 75!

### ACCESSORY (OPTIONAL)

IR-RC



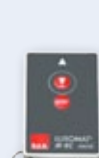
(to order separately)

IR-CdS-T



(to order separately)

IR-RC-Mini



(to order separately)

RC-plus next



white



black

CdS-T-SM



Energy and environment balance sheet see page 42

Description	Colour	Part number
AL5-RC-plus next	white	92401
AL5-RC-plus next	black	92400
<b>Accessory for AL5-RC-plus next</b>		
RC-plus next 130	white	97001
RC-plus next 130	black	97021
RC-plus next 230	white	97002
RC-plus next 230	black	97022
RC-plus next 280	white	97003
RC-plus next 280	black	97023
CdS-T-SM	white	92367
<b>Accessory (optional)</b>		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
LUXOMAT® IR-CdS-T	grey	92368
Fluo lamp 24 W-R7s (118 mm)	white	33316

## LUXOMAT® AL5-LC 500



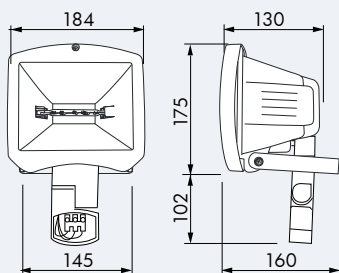
white



black



Fluo lamp



### ■ TECHNICAL DATA

- 230V~ ±10%
- IP44 / Class I / CEE
- L 160 x W 184 x H 277mm
- 25°C to +50°C
- made of die-cast aluminium

### Lamps

- R7s (118 mm) max. 500 W

### Channel 1 (light control)

Data depending on sensor used

### ❗ PRODUCT INFORMATION

- **LUXOMAT® AL5-LC 500** halogen floodlight with adapter for **B.E.G. LUXOMAT® LC-plus** motion detector with 280° detection range
- Suitable for outdoor installation
- Sturdy housing made from die-cast aluminium with corrosion-resistant stainless-steel screws
- Possible to connect additional lights that are switched in precisely the same way as the master light
- **Application examples:** lighting for loading ramps, parking lots, courtyards

### ▶ Motion detector and spotlight must be ordered separately!

- ▶ Please refer to the motion and presence detector catalogue for information about the **LUXOMAT® LC-plus** motion detectors with 280° detection range
- ▶ Wiring diagrams on page 79, 80!
- ▶ Remote controls on page 72, 73!

### ■ ACCESSORY (OPTIONAL)

IR-LC-plus



(to order separately)

IR-LC-Mini



(to order separately)

LC-plus



white

black

Energy and environment balance sheet see page 42

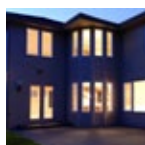
Description	Colour	Part number
AL5-LC	white	92405
AL5-LC	black	92403
<b>Accessory for AL5-LC 500</b>		
LC-plus 280	white	91008
LC-plus 280	black	91028
<b>Accessory (optional)</b>		
<b>LUXOMAT® IR-LC-Mini</b>	grey	92093
<b>LUXOMAT® IR-LC-plus</b>	grey	92095
Fluo lamp 24 W-R7s (118 mm)	white	33316

## OVERVIEW OF PHOTO ELECTRIC SWITCHES AND CONSTANT LIGHT CONTROLS

Photocell	Part no.	Page	Surface mounting	Ceiling mounting	Post mounting	Device installation	DIN-rail	Remotely controllable	Switching power	Time delay
CdS-T-SM	92367	63	■	—	—	—	—	■	2300 W	—
CdS-SM	92369	64	■	—	■	—	—	—	2300 W	■
CdS-FC	92249	65	—	■	—	—	—	■	2000 W	■
CdS-R	92365	66	—	—	—	■	—	—	1000 W	■
TS-DD	92681	67	—	—	—	—	■	—	3000 W	■
MiniClip LR1	92320	68	—	—	—	—	—	—	—	—



## Saving energy through twilight-dependent light switching



House entrances



Garages



Outdoor staircases



Security



Staircases



Parking lots

### Automatically switching lights

Twilight switches are the right choice for all those places where lights need to be automatically switched on or off at the end or beginning of the day.

Light sensors measure the ambient light conditions and will switch the light on or off depending on the pre-set twilight value. Generally, lights are not needed at certain times of the day. **B.E.G.** products therefore allow the light to be controlled in relation to the twilight and are thus able to help save energy.

**B.E.G.** supplies twilight switches for a variety of purposes to this end: for profile rails, for installation in units and for wall or mast installation as well as a remotely controlled product.

**Saving energy with lights! ■**

Index	Page	
Photocells for surface installation	63 - 64	
Photo electric switches for ceiling installation	65	
Photocells for installation in lights	66	
Photocells for DIN-rails	67	
Constant light controls for clipping on to T5/T8 tubes	68	



## LUXOMAT® CdS-T-SM



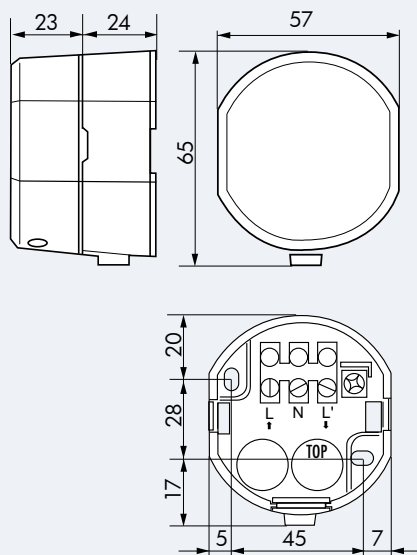
## ■ TECHNICAL DATA

- 230V~ ±10%
- IP54 / Class II / CEE
- L 47 x W 57 x H 65 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-CdS-T
- Energy-saving function:** "Light off" with flexible settings (only with IR-CdS-T)
- Channel 1 (light control)**
  - 2300 W,  $\cos\varphi = 1$
  - 1150 W,  $\cos\varphi = 0.5$
- 2 - 300 Lux

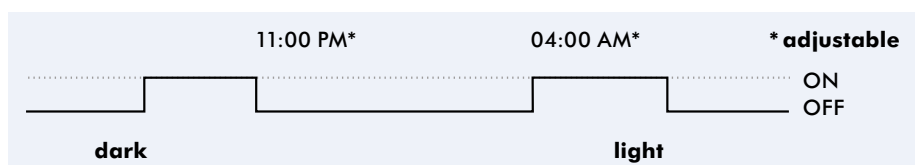
## i PRODUCT INFORMATION

- Remotely controllable LUXOMAT® CdS-T-SM photocell with integrated timer
- Can be remotely controlled with the LUXOMAT® IR-CdS-T – infrared remote control – more functions than with a traditional control dial
- Energy-saving period may be programmed with the integrated timer by the touch of a button
- Inputting the current light value by the touch of a button
- **Application examples:** ideal for entrance areas, staircases, halls where permanent light is required

- ▶ Wiring diagrams on page 81!
- ▶ Remote controls on page 76!



## Timer function



## ■ ACCESSORY (OPTIONAL)

## IR-CdS-T



(to order separately)

Description	Colour	Part number
CdS-T-SM	white	92367
<b>Accessory (optional)</b>		
LUXOMAT® IR-CdS-T	grey	92368



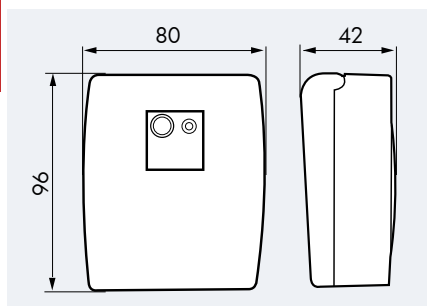
## LUXOMAT® CdS-SM



Double cable inlet



Base for mast installation (incl.)



### ■ TECHNICAL DATA

- ~ 230 V~ ±10%
- IP54 / Class II / CEE
- L 42 x W 80 x H 96 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- Channel 1 (light control)**
  - 2300 W, cosφ = 1
  - 1150 W, cosφ = 0.5
- Activation and deactivation delay:** 1 - 120 sec.
- 2 - 2000 Lux

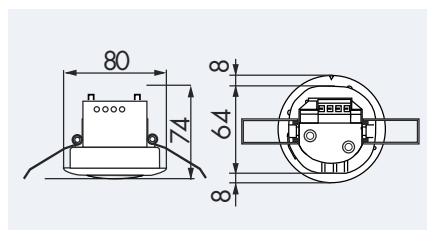
### i PRODUCT INFORMATION

- LUXOMAT® CdS-SM photocell for automatically switching lighting
- Light value and activation/deactivation delay may be set from the outside using the potentiometer
- LED setting aid (no delay)
- Activation and deactivation delay with self-learning deactivation-light value
- Integrated automatic function (10 Lux / 40 sec. activation / 120 sec. deactivation delay)
- Double cable inlet from underneath possible
- Large terminal compartment
- Wall and mast installation
- Clip for closing the housing
- **Application examples:** ideal for entrance areas, staircases, halls where permanent light is required

► Wiring diagrams on page 81!

Description	Colour	Part number
CdS-SM	white	92369

## LUXOMAT® CdS-FC



## ■ TECHNICAL DATA

- 230 V ~ ±10 %
- IP20 / Class II / CEE
- Ø 80 x 74 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-CdS-FP

## Channel 1 (light control)

- 2000 W, cos φ = 1
- 1000 W, cos φ = 0.5

**Deactivation delay:**  
5 sec. - 30 min.

10 - 2000 Lux

## i PRODUCT INFORMATION

- Remotely controllable LUXOMAT® CdS-FC photocell for ceiling installation
- Adjustable deactivation delay with self-learning deactivation and twilight value
- Extra flat form – only 6 mm high
- **Application examples:**  
ideal for entrance areas, staircases, offices and training facilities

- ▶ Wiring diagrams on page 81!
- ▶ Remote controls on page 77!

## ■ ACCESSORY (OPTIONAL)

IR-CdS-FP

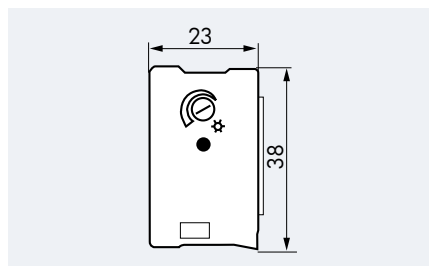


(to order separately)

Description	Colour	Part number
CdS-FC	white	92249
<b>Accessory (optional)</b>		
LUXOMAT® IR-CdS-FP	grey	92396



## LUXOMAT® CdS-R



## ■ TECHNICAL DATA

- 230 V~ ±10%
- Housing IP20 / II / C E  
Sensor IP54 / II / C E
- L 61 x W 23 x H 38 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- Channel 1 (light control)**
- 1000 W, cos φ = 1  
350 W, cos φ = 0.4
- Activation and deactivation delay:** 10 - 15 sec.
- 2 - 300 Lux

## i PRODUCT INFORMATION

- LUXOMAT® CdS-R photocell with switch relay
- For retrofitting in outdoor lights and for use in branch boxes
- Small dimensions
- Continuously variable twilight value
- The cable between the photo sensor and electronic unit is around 15 cm long and may be extended to a maximum of 1.50 m
- **Application examples:**  
ideal for entrance areas, staircases, halls where permanent light is required



Description	Colour	Part number
CdS-R	white	92365

## LUXOMAT® TS-DD



## ■ TECHNICAL DATA



230V~ ±10%

**Light sensors:**

IP54 / Class II / CE

**Photocell:**

L 64 x W 17.5 x H 90 mm

**Light sensors:**

L 63 x W 38 x H 58 mm

**Light sensors:**

-35°C to +50°C



made of high-quality and UV-resistant polycarbonate

**Channel 1 (light control)****Bulb load**

1000 W, cos φ = 1

**Fluorescent lamp compensated**

600 W

**Halogen lamps**

450 W

**Activation delay:**

approx. 8 sec.

**Deactivation delay:**

approx. 40 sec.

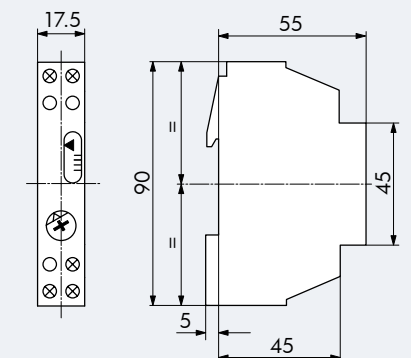


1 - 100 Lux / 50 - 1000 Lux

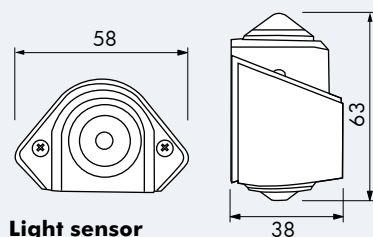
## i PRODUCT INFORMATION

- LUXOMAT® TS-DD photocell for DIN-rail
- Electronic component for installation in branches for comfortable settings from switch cabinets
- Separate light sensor for surface or flush installation (included)
- Switches off at around 1.3 times the activation value
- When setting the desired lux value, a diode will light up when the lux values equal the strength of the momentary amount of daylight, without taking account of the delay of around 20 sec.
- **Application examples:**  
ideal for entrance areas, staircases, halls where permanent light is required

▶ Wiring diagrams on page 81!



Photocell



Light sensor



Description	Colour	Part number
TS-DD	white	92681



## | LUXOMAT® MiniClip LR1



For T5- and T8  
fluorescent lamps

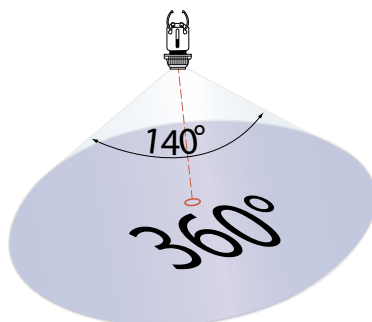
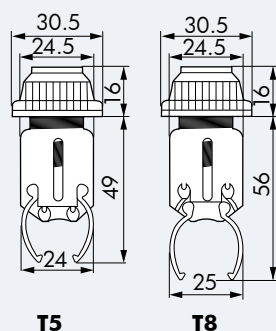


## ■ TECHNICAL DATA

- 230 V~ ±10%
- 140°
- IP20 / II / Cc
- Ø 30.5 x L 72 mm (incl. clips)  
for installation on T8 fluorescent lamps
- 0°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- Channel 1 (light control)**
- 10 - 2000 Lux
- 1 - 10VDC, max. 50 electronic ballasts

## i PRODUCT INFORMATION

- LUXOMAT® MiniClip LR1 light sensor with mixed light measurement for constant light control, to be clipped on to the T5 and T8 fluorescent lamps
- It provides a direct current ranging from around 1 to 10VDC proportionate to the measured light value which is used to govern electronically controllable electronic ballasts.
- Continuous dimming is used to implement **constant light control** for room lights that adapt to the amount of daylight.
- The light value to be kept constant in the room may be set by turning the knurled sensor cap.
- **Application examples:**  
offices, conference rooms, corridors, training facilities



- ▶ Up to 50 electronic ballasts can be connected
- ▶ If the amount of daylight falls, the proportion of artificial light will be increased; if the amount of daylight increases again, the proportion of artificial light will be reduced again.
- ▶ This helps achieve considerable energy savings of up to 50%.

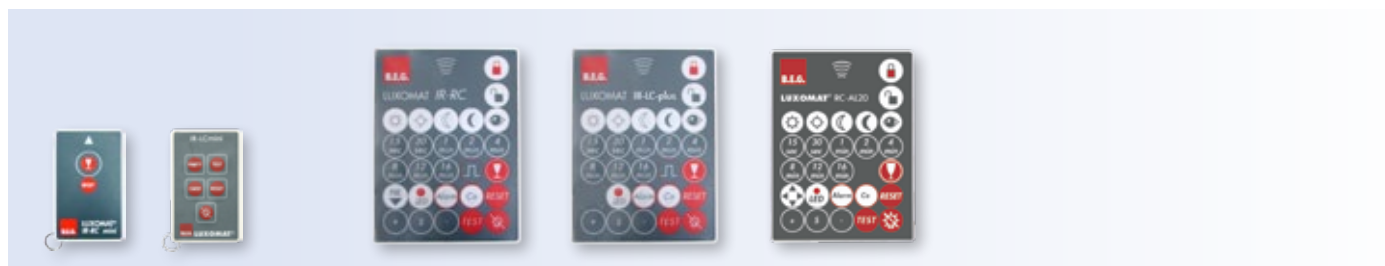


Description	Colour	Part number
Mini-Clip LR1	white	92320

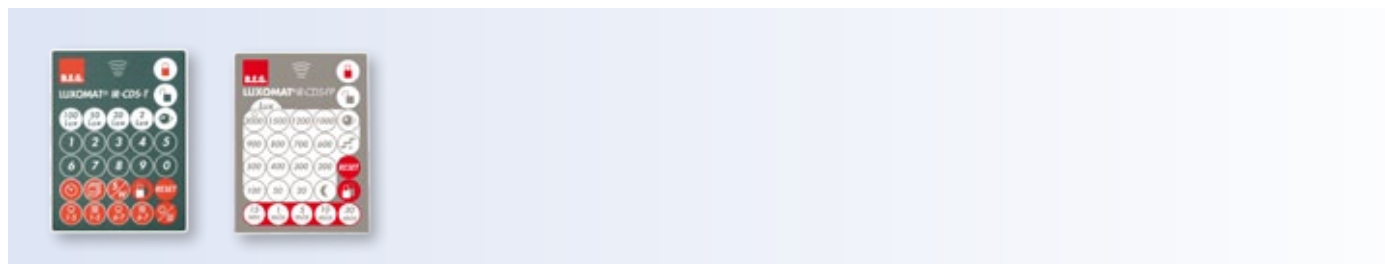
## OVERVIEW OF REMOTE CONTROLS FOR LAMPS AND PHOTO ELECTRIC SWITCHES

Remote control	Part no.	Page	LT130- MD6	AL21	AL20- 280-BM	AL2-RC- plus 130/ 230/280	AL20- 280-BM- LED	ALC- B-360- DECO	FLC- 280-LED	FL2- LED-230	AL5- RC-plus next	AL5-LC	CdS-T- SM	CdS-FC
RC-AL20	92033	71	■	■	■	—	■	—	—	—	—	—	—	—
IR-LC-plus	92095	72	—	—	—	—	—	—	■	—	—	■	—	—
IR-LC-Mini	92093	73	—	—	—	—	—	■	■	—	—	■	—	—
IR-RC	92000	74	—	—	—	■	—	—	—	■	■	—	—	—
IR-RC-Mini	92090	75	—	—	—	■	—	—	—	■	■	—	—	—
IR-CdS-T	92368	76	—	—	—	—	—	—	—	—	—	—	■	—
IR-CdS-FP	92396	77	—	—	—	—	—	—	—	—	—	—	—	■

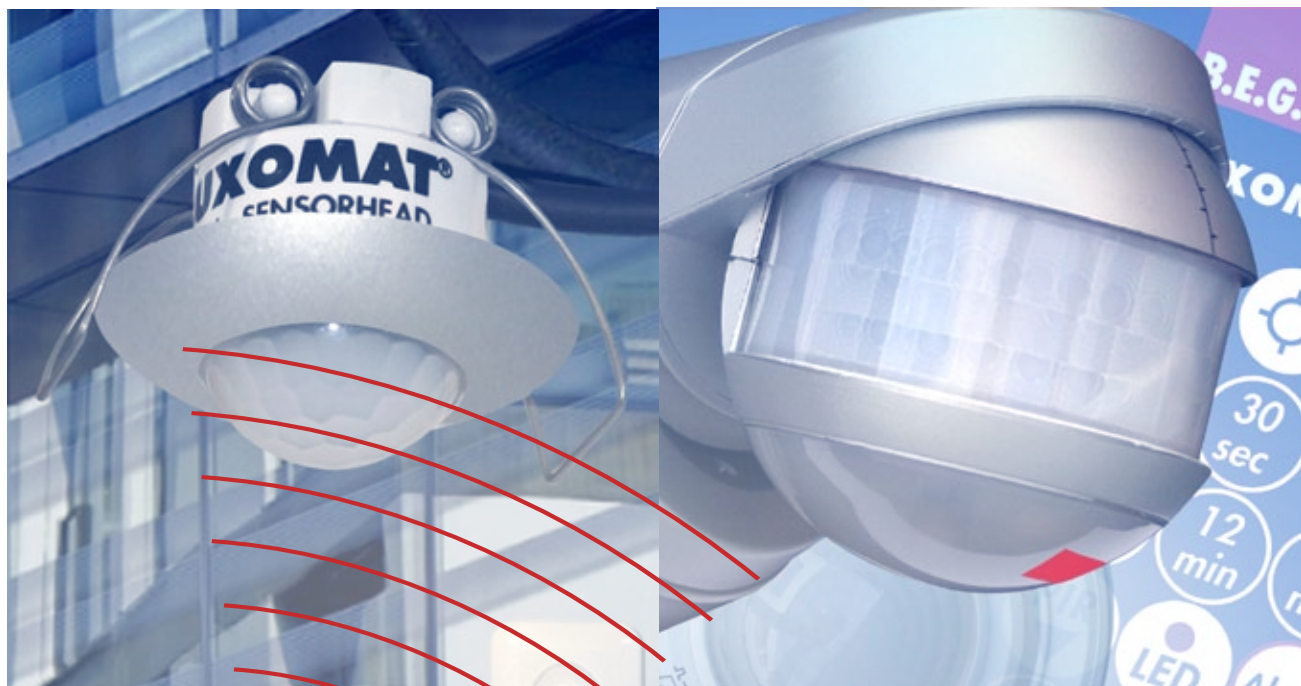
### ■ REMOTE CONTROLS FOR OUTDOOR LAMPS AND FLOODLIGHTS



### ■ REMOTE CONTROLS FOR PHOTO ELECTRIC SWITCHES



## LUXOMAT® infrared remote controls ... Programming and adjustment of motion and occupancy detectors without a ladder



- ... infrared remote controls for the easy and comfortable programming and adjustment of the motion and occupancy detectors
- ... the extensive functions of sensor can be adjusted whenever required with no ladder
- ... the function permanent light ON/OFF saves the additional installation of a light switch
- ... inclusive battery and wall bracket
- ... Range: clouded approx. 5 to 6 m, sunny 2 to 3 m




Index	Page
RC-AL20	71
IR-LC-plus, IR-LC-Mini	72 - 73
IR-RC, IR-RC-Mini	74 - 75
IR-CdS-T	76
IR-CdS-FP	77



## LUXOMAT® RC-AL20

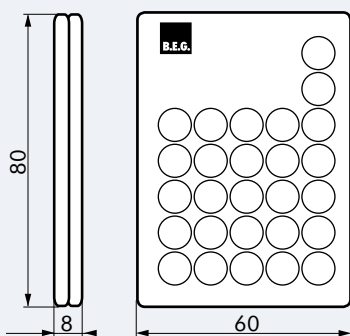


## ■ TECHNICAL DATA

-  Lithium CR2032 - 3 Volt (inclusive) depending on lighting conditions
-  **clouded or dark:** 5 to 6 m;  
**sunshine:** 2 to 3 m
-  L 80 x W 60 x H 8 mm

















## i PRODUCT INFORMATION

- Using the LUXOMAT® RC-AL20 infrared remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. Suitable for use with the LUXOMAT® AL20-280-BM, AL20-280-BM-LED and AL21 outdoor lamps.
- The great variety of programs facilitates adapting the motion detector to all individual wishes at any time – even subsequently.
- Additional features like automatically reading-in the current daylight value or the useful 2 sec.-test function are also optionally available with the RC-AL20.
- The lights can be switched on or off anytime with just a touch of the button. That means it is not necessary to install an additional light switch.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



## ■ PROGRAM FUNCTIONS



	<b>Preselected light value</b> - Daylight operation		Programmable <b>Opening and closing</b> – also with parental lock and security against sabotage after setting up
	<b>Preselected light value</b> - approx. 100 Lux = started dawn		<b>Automatic reading and saving of the actual light level</b>
	<b>Preselected light value</b> - approx. 25 Lux = advanced dawn		<b>Party program</b> - Constant light for 12 hours or light off
	<b>Preselected light value</b> - Operation at night		<b>Reset</b> - Resetting of all functions
	<b>8 preselected switch on times</b> from 15 sec. to 16 min.		<b>Vacation- and comfort function</b> - Automatically switching on at dusk
	<b>Alarm function</b> - Blinking of the connected lighting after detected motion		<b>Test operation</b> - The surveyed room can be paced out independent of surrounding brightness and can be aligned easily after that.
	<b>LED-Button</b> - Activate and deactivate the walking test LED		<b>Light OFF</b> - Followed by two seconds without motion detection: allows leaving out of the detecting range
	<b>Electronic sensitivity control</b> - Increase and decrease of the detector range		<b>Decorative light</b> - Switching decorative light on/off

## Description

LUXOMAT® RC-AL20

## Colour

grey

## Part number

92033



| **LUXOMAT® IR-LC-plus**

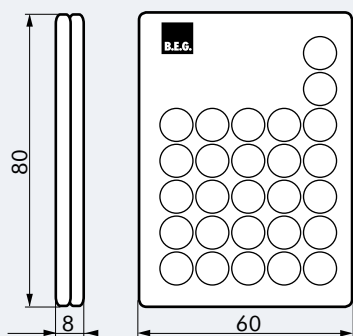
## ■ TECHNICAL DATA

- Lithium CR2032 - 3 Volt (inclusive) depending on lighting conditions
- clouded or dark:** 5 to 6 m;  
**sunshine:** 2 to 3 m
- L 80 x W 60 x H 8 mm

► The LUXOMAT® IR-LC-plus remote control can also be used with the LC-plus 280 motion detector!

## i PRODUCT INFORMATION

- Using the LUXOMAT® IR-LC-plus infra-red remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. It is suitable for the LUXOMAT® AL21 outdoor lamps and the LUXOMAT® FLC-280-LED and AL5-LC outdoor floodlights.
- The great variety of programs facilitates adapting the motion detector to all individual wishes at any time – even subsequently.
- Additional features like automatically reading-in the current daylight value or the useful 2 sec.-test function are also optionally available with the IR-LC-plus.
- The lights can be switched on or off anytime with just a touch of the button. That means it is not necessary to install an additional light switch.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



## ■ PROGRAM FUNCTIONS



	<b>Preselected light value</b> - Daylight operation		Programmable <b>Opening and closing</b> – also with parental lock and security against sabotage after setting up
	<b>Preselected light value</b> - approx. 100 Lux = started dawn		<b>Automatic reading and saving of the actual light level</b>
	<b>Preselected light value</b> - approx. 25 Lux = advanced dawn		<b>Party program</b> - Constant light for 12 hours or light off
	<b>Preselected light value</b> - Operation at night		<b>Reset</b> - Resetting of all functions
	<b>8 preselected switch on times</b> from 15 sec. to 16 min.		<b>Vacation- and comfort function</b> - Automatically switching on at dusk
	<b>Alarm function</b> - Blinking of the connected lighting after detected motion		<b>Test operation</b> - The surveyed room can be paced out independent of surrounding brightness and can be aligned easily after that.
	<b>LED-Button</b> - Activate and deactivate the walking test LED		<b>Impulse function</b> - Send of a short impulse of approx. 1 sec., for example to activate a door gong.
	<b>Electronic sensitivity control</b> - Increase and decrease of the detector range		<b>Light OFF</b> - Followed by two seconds without motion detection: allows leaving out of the detecting range

Description

LUXOMAT® IR-LC-plus

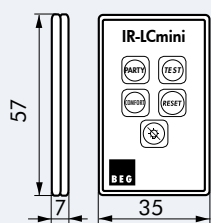
Colour

grey

Part number

92095



| **LUXOMAT® IR-LC-Mini**■ **TECHNICAL DATA**

Lithium CR2032 -  
3 Volt (inclusive)  
depending on lighting  
conditions



**clouded or dark:**  
5 to 6 m;  
**sunshine:**  
2 to 3 m

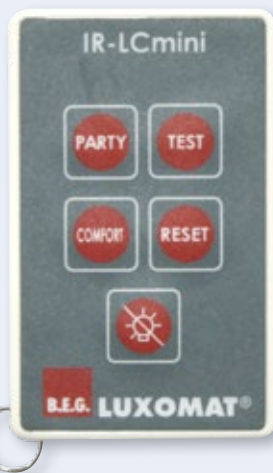


L 57 x W 35 x H 7 mm

► The LUXOMAT® IR-LC-Mini remote control can also be used with the LC-plus 280 motion detector!

i **PRODUCT INFORMATION**

- The LUXOMAT® IR-LC-Mini infrared remote control for end users is suitable for the LUXOMAT® AL21 and ALC-B-360-DECO outdoor lamps and the LUXOMAT® FLC-280-LED and AL5-LC outdoor floodlights.
- Continuous lighting may be switched on or off at any time without having to climb cumbersome ladders. It is therefore not necessary to install an additional light switch.
- The received infrared signals are acknowledged by the flashing of an LED and by the switching of the relay.

■ **PROGRAM FUNCTIONS****PARTY program**

- 1x push – irrespective of ambient brightness and movement the light is switched on for 12 hours;
- By repeatedly pressing the PARTY key, the LUXOMAT® LC-plus 280 will alter between 12 hours OFF and 12 hours ON (f.ex. light switched off until the next evening)

**RESET operation**

- Stops the PARTY program and immediately switches to stand by mode. For deactivating the permanent light OFF operation during the self-testing cycle of the LUXOMAT® LC-plus 280.

**COMFORT program**

- Automatically switches permanent light ON for 60 minutes when previously adjusted light level is reached – presence simulation

**LIGHT "OFF" operation**

- Immediately switches to stand by mode. For activating the permanent light OFF operation during the self-testing cycle of the LUXOMAT® LC-plus 280.

**TEST operation**

- E.g. to measure the covered area – ideal to test the set detection ranges

Description	Colour	Part number
LUXOMAT® IR-LC-Mini	grey	92093

## LUXOMAT® IR-RC



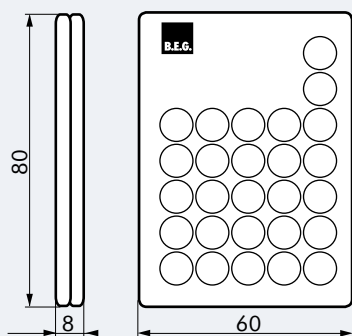
## ■ TECHNICAL DATA

- Lithium CR2032 - 3 Volt (inclusive) depending on lighting conditions
- clouded or dark:** 5 to 6 m;  
**sunshine:** 2 to 3 m
- L 80 x W 60 x H 8 mm

► The LUXOMAT® IR-RC remote control may also be used for the RC-plus next 130/230/280 and RC-plus next 230 ZW motion detectors!

## i PRODUCT INFORMATION

- Using the LUXOMAT® IR-RC infrared remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. It is suitable for use with the LUXOMAT® AL2-RC-plus outdoor lamps and the LUXOMAT® FL2-LED-230 and AL5-RC-plus next outdoor floodlights.
- The great variety of programs facilitates adapting the motion detector to all individual wishes at any time – even subsequently.
- Additional features like automatically reading-in the current daylight value or the useful 2 sec.-test function are also optionally available with the IR-RC.
- The lights can be switched on or off anytime with just a touch of the button. That means it is not necessary to install an additional light switch.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



## ■ PROGRAM FUNCTIONS



	<b>Preselected light value</b> - Daylight operation		Programmable <b>Opening and closing</b> – also with parental lock and security against sabotage after setting up
	<b>Preselected light value</b> - approx. 100 Lux = started dawn		<b>Automatic reading and saving of the actual light level</b>
	<b>Preselected light value</b> - approx. 25 Lux = advanced dawn		<b>Party program</b> - Constant light for 12 hours or light off
	<b>Preselected light value</b> - Operation at night		<b>Reset</b> - Resetting of all functions
	<b>8 preselected switch on times</b> from 15 sec. to 16 min.		<b>Vacation- and comfort function</b> - Automatically switching on at dusk
	<b>Alarm function</b> - Blinking of the connected lighting after detected motion		<b>Test operation</b> - The surveyed room can be paced out independent of surrounding brightness and can be aligned easily after that.
	<b>LED-Button</b> - Activate and deactivate the walking test LED		<b>Impulse function</b> - Send of a short impulse of approx. 1 sec., for example to activate a door gong.
	Activate and deactivate of the <b>360°- anti-creep</b>		<b>Light OFF</b> - Followed by two seconds without motion detection: allows leaving out of the detecting range
	<b>Electronic sensitivity control</b> - Increase and decrease of the detector range		

Description

LUXOMAT® IR-RC

Colour

grey

Part number

92000

| **LUXOMAT® IR-RC-Mini**

## ■ TECHNICAL DATA



Lithium CR2032 -  
3 Volt (inclusive)  
depending on lighting  
conditions



**clouded or dark:**  
5 to 6 m;  
**sunshine:**  
2 to 3 m

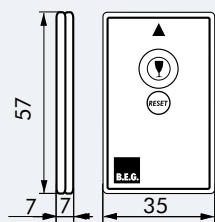


L 57 x W 35 x H 7 mm

► The LUXOMAT® IR-RC-Mini remote control may also be used for the RC-plus next 130/230/280 and RC-plus next 230 ZW motion detectors!

i **PRODUCT INFORMATION**

- The LUXOMAT® IR-RC-Mini infrared remote control for end users is suitable for the LUXOMAT® AL2-RC-plus, AL20-280-BM(-LED) and AL21 outdoor lamps as well as the LUXOMAT® FL2-LED-230 and AL5-RC-plus next outdoor flood-lights
- Continuous lighting may be switched on or off at any time without having to climb cumbersome ladders. It is therefore not necessary to install an additional light switch.
- Pressing the "Party" button once will switch the lighting on for 12 hours. Pressing the button twice will switch the lighting off until the next evening.



## ■ PROGRAM FUNCTIONS

		<b>Party program</b> - 1 x push – switches ON the light for 12 hours - 2 x push – switches OFF the light until next evening
		<b>Reset</b> - Resetting of all functions

## Description

LUXOMAT® IR-RC-Mini

## Colour

grey




## Part number

92090

## LUXOMAT® IR-CdS-T

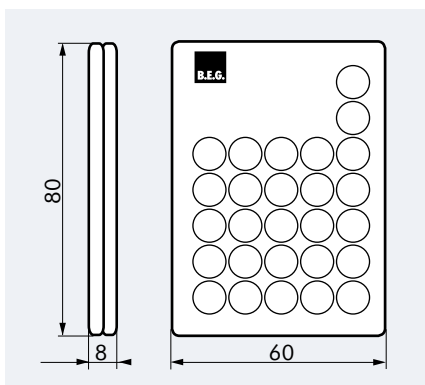


## ■ TECHNICAL DATA












-  Lithium CR2032 - 3 Volt (inclusive) depending on lighting conditions
-  **clouded or dark:** 5 to 6 m;  
**sunshine:** 2 to 3 m
-  L 80 x W 60 x H 8 mm

## i PRODUCT INFORMATION

- Using the LUXOMAT® IR-CdS-T infrared remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. It is suitable for use with the LUXOMAT® CdS-T-SM photo electric switch.
- The great variety of programs facilitates adapting the motion detector to all individual wishes at any time – even subsequently.
- As additional feature automatically reading-in the current daylight value is optionally available with the IR-CdS-T.
- The lights can be switched on or off anytime with just a touch of the button. That means it is not necessary to install an additional light switch.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



## ■ PROGRAM FUNCTIONS

		Programmable <b>Opening and closing</b> – also with parental lock and security against sabotage after setting up		<b>Automatic reading and saving of the actual light level</b>
		<b>Automatic timer with calendar</b> - The correct time and date are default.		<b>Permanent tamper protection</b> - Permanent inhibition of the detector; only ON- and OFF function on the remote control possible.
		<b>Adjustment of the time for light "ON"</b>		<b>Corrections of summer/winter</b> - The correction of summer and winter time is factory-made activated.
		<b>Adjustment of the time for light "OFF"</b>		<b>Reset</b> - Resetting of all functions
		<b>4 preselected exact switch-on and switch-off values (light values) of the connected lighting</b> - 2 to 100 Lux; anytime alterable by remote control		<b>Switch on and off the lighting</b> - Independently from the ambient luminosity and energy saving period

Description

LUXOMAT® IR-CdS-T

Colour

grey

Part number

92368



## LUXOMAT® IR-CdS-FP



## ■ TECHNICAL DATA



Lithium CR2032 -  
3 Volt (inclusive)  
depending on lighting  
conditions



**clouded or dark:**  
5 to 6 m;  
**sunshine:**  
2 to 3 m

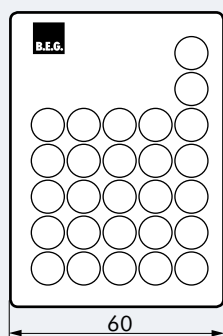
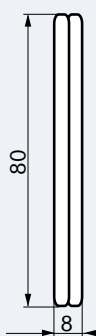


L 80 x W 60 x H 8 mm

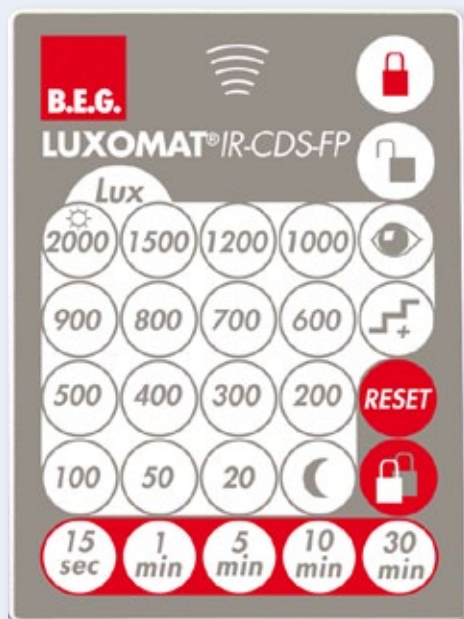


## PRODUCT INFORMATION

- Using the LUXOMAT® IR-CdS-FP infrared remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. It is suitable for use with the LUXOMAT® CdS-FC photo electric switch.
- The great variety of programs facilitates adapting the motion detector to all individual wishes at any time – even subsequently.
- As additional feature automatically reading-in the current daylight value is optionally available with the IR-CdS-FP.
- The lights can be switched on or off anytime with just a touch of the button. That means it is not necessary to install an additional light switch.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



## ■ PROGRAM FUNCTIONS



	Programmable <b>Opening and closing</b> – also with parental lock and security against sabotage after setting up		<b>Reset</b> - Resetting of all functions
	<b>16 pre-set brightness values for the lighting's activation value</b> - 20 to 2000 Lux		<b>Permanent tamper protection</b> - Permanent inhibition of the detector; only ON- and OFF function on the remote control possible.
	<b>Deactivation delay</b> - 15 sec. to 30 min.		<b>Determination of the switch on threshold</b> to attain a calculatory target value
	<b>Automatic reading and saving of the actual light level</b>		

## Description

LUXOMAT® IR-CdS-FP

## Colour

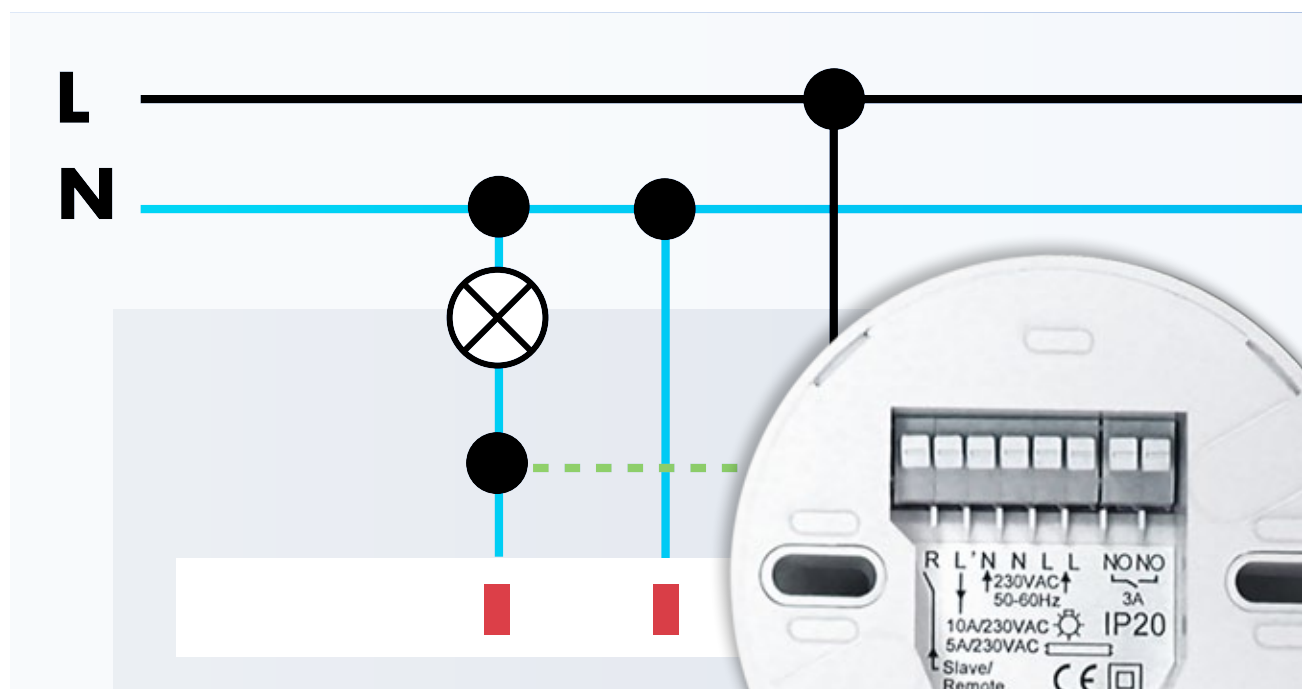
grey

## Part number

92396



## LUXOMAT® Schematics for electricians and consultants



### Top-quality products from **B.E.G.** - quickly and easily installed

**B.E.G.** quality goes far beyond perfect functioning and attractive design.

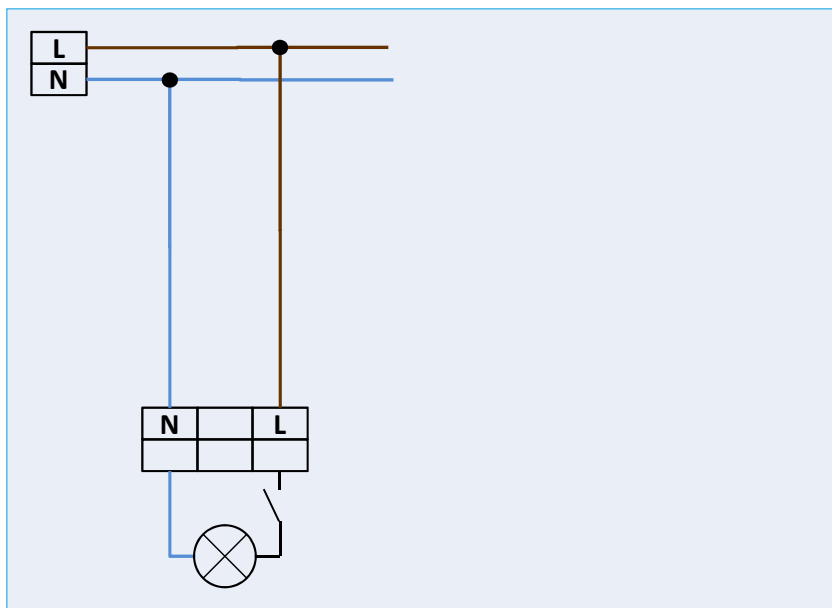
**B.E.G.** products are distinguished by simple installation and maintenance as through their versatility.

The demands **B.E.G.** places on its products' quality and comfort starts with installation.

The developers at **B.E.G.** make sure that installation can be carried out with minimum effort. You can implement various switching variants. At the same time, German and European standards are complied with.

Index	Page
Outdoor lamps and floodlights	79 - 80
Photo electric switches	81

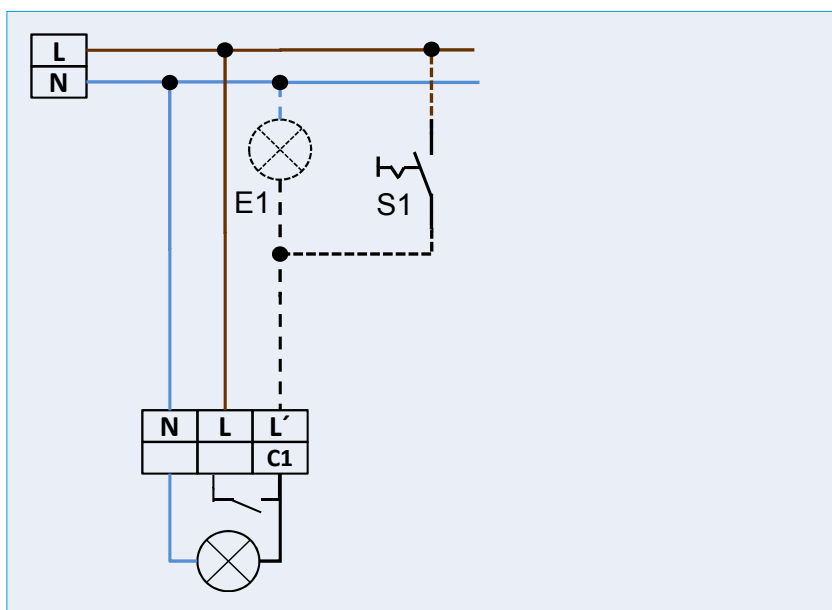
## Standard mode with 1-channel motion detector



### Wiring diagram for

- HF-L1
- MD10
- LT130
- Ecolight Automatic
- FLC150
- FLC500

## Standard mode with 1-channel motion detector external

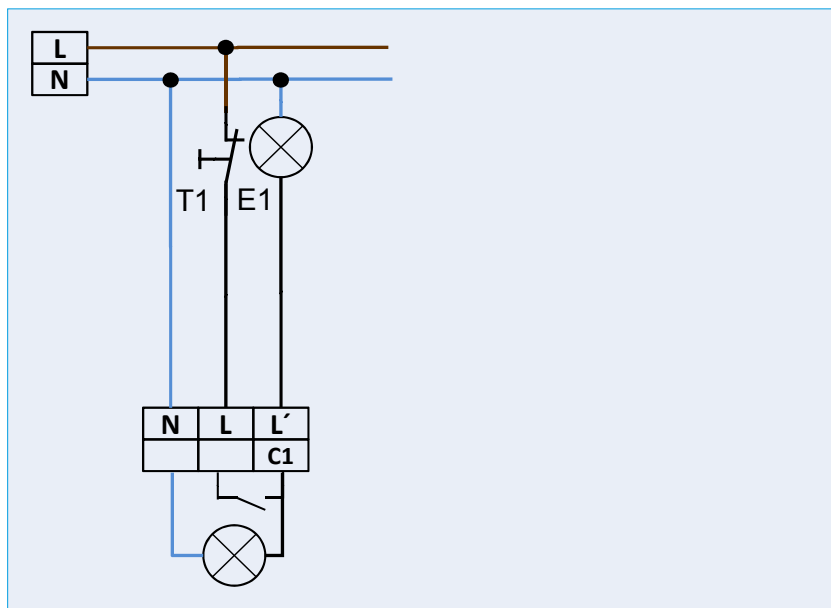


### Wiring diagram for

- HF-L7
- HF-L8
- HF-L11
- HF-L12
- AL1
- AL4
- AL21
- AL20-CdS
- ALC-ELU/D
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-DECO
- AL2-RC-plus-130/230/280
- FLC-280-LED
- FL2-LED-230
- AL5-RC-plus next
- AL5-LC

S1 = switch for permanent light

## Standard mode with 1-channel motion detector with NC pushbutton



### Wiring diagram for

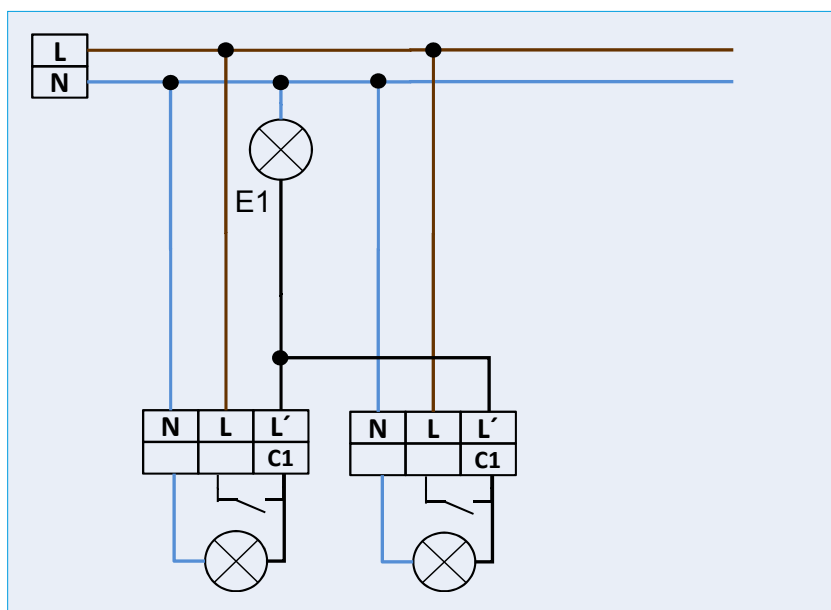
- AL1
- AL21
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-DECO
- AL2-RC-plus-130/230/280
- FLC-280-LED
- FL2-LED-230
- AL5-RC-plus next
- AL5-LC

### T1 = NC button

Manual switching additionally possible (press opener approx. 2 sec.).

The position of the potentiometers should not be on "test" or "sun". If so, the pre-set time and safety values get lost.

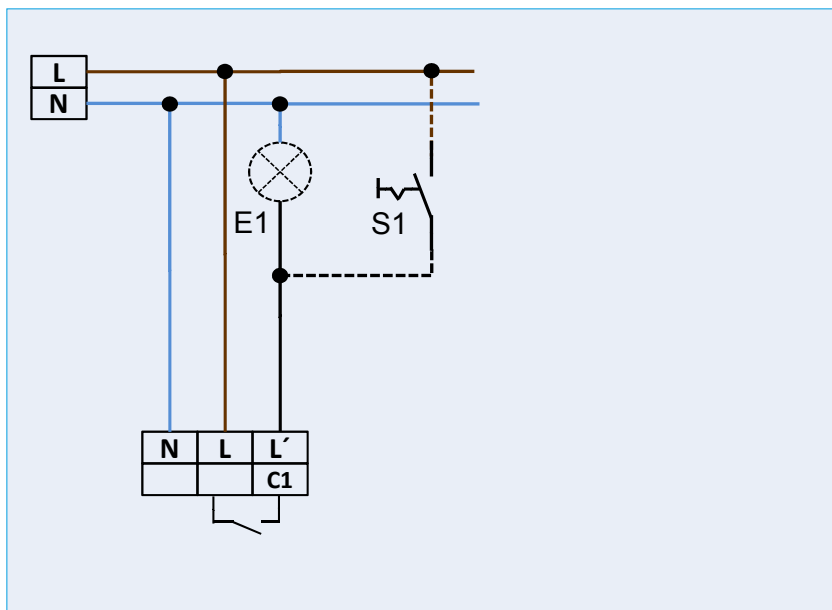
## Standard mode with 1-channel motion detector



### Wiring diagram for

- AL1
- AL21
- AL20-CdS
- ALC-ELU/D
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-DECO
- AL2-RC-plus-130/230/280
- FLC-280-LED
- FL2-LED-230
- AL5-RC-plus next
- AL5-LC
- max. 5 parallel

## Standard mode with 1-channel photo electric switch

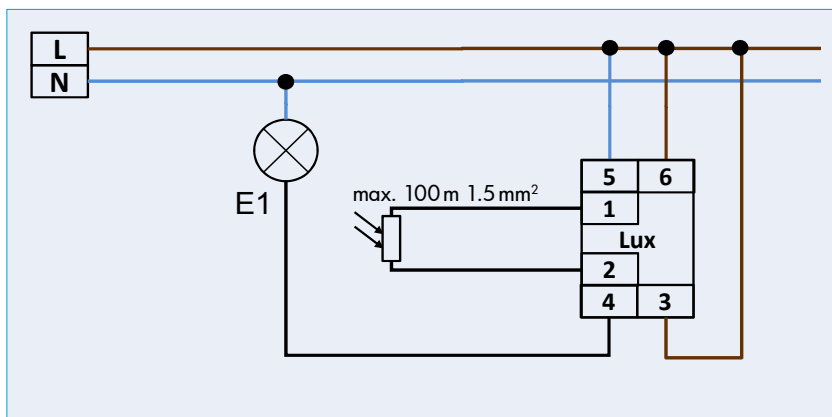


### Wiring diagram for

- CdS-SM
- CdS-T-SM
- CdS-FC

S1 = switch for permanent light

## Standard mode with 1-channel photo electric switch



### Wiring diagram for

- TS-DD

Part no.	Description	Prod. gr.	Page	Part no.	Description	Prod. gr.	Page
10640	AL2-RC-plus-SLS, white	2	32	91731	AL21	2	21
10641	AL2-RC-plus-SLS, black	2	32	91735	AL20-EB-PL9 SLS, black	2	29
10880	RC-Arc extinction kit	6	37	91737	AL20-CdS-PL9 SLS, black	2	33
21000	EL18-W, black	4	51	91740	AL20-280/BM SLS, silver	2	35
21005	EL18-W, white	4	51	91745	AL20-280/BM-LED SLS, silver	2	40
21010	EL18-W Automatic, black	4	54	91750	AL20-E27 SLS, silver	2	30
21015	EL18-W Automatic, white	4	54	91755	AL20-EB-PL9 SLS, silver	2	29
21020	EL18-SP, black	4	53	91757	AL20-CdS-PL9 SLS, silver	2	33
21040	EL18-WB, black	4	52	91801	FLC-150-200, white	3	58
21045	EL18-WB, white	4	52	91802	FLC-500-200, white	3	58
21050	EL18-WB Automatic, black	4	55	91811	FLC-150-140, white	3	58
21055	EL18-WB Automatic, white	4	55	91812	FLC-500-140, white	3	58
22000	EL26-W, black	4	51	91821	FLC-150-200, black	3	58
22005	EL26-W, white	4	51	91822	FLC-500-200, black	3	58
22010	EL26-W Automatic, black	4	54	91823	FLC-280-LED-12, black	3	50
22015	EL26-W Automatic, white	4	54	91825	FL-LED-12, black	3	47
22020	EL26-SP, black	4	53	91826	FL-LED-6, black	3	47
22040	EL26-WB, black	4	52	91831	FLC-150-140, black	3	50
22045	EL26-WB, white	4	52	91832	FLC-500-140, black	3	50
22050	EL26-WB Automatic, black	4	55	92000	IR-RC	9	74
22055	EL26-WB Automatic, white	4	55	92033	RC-AL20	9	71
31426	MD10-370	2	17	92047	AL2-RC-plus 230 SLS, silver	2	38
31427	MD10-590	2	17	92048	Mounting bracket AL2-RC-plus, silver	6	38
31428	MD10-750	2	17	92090	IR-RC-Mini	9	75
80410	AL4 130, white	2	19	92093	IR-LC-Mini	9	73
80420	AL4 130, black	2	19	92095	IR-LC-plus	9	72
80421	Set of numerals (2 x 0-9)	6	19	92249	CdS-FC	10	65
91301	ALC-B-360-SLS, white	2	36	92320	MiniClip LR1	10	68
91305	Mounting bracket ALC-ES, white	6	36	92350	Halogen floodlight 500 W, black	3	56
91306	ALC-K-360, white	2	36	92351	Halogen floodlight 500 W, white	3	56
91321	ALC-B-360-SLS, black	2	36	92352	Halogen floodlight 150 W, white	3	56
91325	Mounting bracket ALC-ES, black	6	36	92353	Halogen floodlight 150 W, black	3	56
91326	ALC-K-360, black	2	36	92354	Halogen hand floodlight 150 W	3	57
91330	ALC-ELU-SLS, white	2	31	92355	Halogen hand floodlight 500 W	3	57
91335	ALC-ELU-D-SLS, white	2	34	92365	CdS-R	10	66
91340	ALC-ELU-SLS, black	2	31	92367	CdS-T-SM	10	63
91345	ALC-ELU-D-SLS, black	2	34	92368	IR-CdS-T	9	76
91351	ALC-B-360 DECO SLS, white	2	41	92369	CdS-SM	10	64
91352	ALC-B-360 DECO SLS, black	2	41	92373	Mounting bracket AL2-RC-plus, white	6	32
91400	AL1-130, white	2	18	92381	AL2-RC-plus 130 SLS, white	2	37
91401	AL1-130, brown	2	18	92382	AL2-RC-plus 230 SLS, white	2	38
91402	AL1-130, black	2	18	92383	AL2-RC-plus 280 SLS, white	2	39
91700	AL20-280/BM SLS, black	2	35	92391	AL2-RC-plus 130 SLS, black	2	37
91705	AL20-280/BM-LED SLS, black	2	40	92392	AL2-RC-plus 230 SLS, black	2	38
91710	AL20-E27 SLS, white	2	30	92393	AL2-RC-plus 280 SLS, black	2	39
91715	AL20-EB-PL9 SLS, white	2	29	92394	LT130-MD6-Antique, black	2	20
91717	AL20-CdS-PL9 SLS, white	2	33	92395	LT130-MD6-Antique, white	2	20
91720	AL20-280/BM SLS, white	2	35	92396	IR-CdS-FP	9	77
91725	AL20-280/BM-LED SLS, white	2	40				
91730	AL20-E27 SLS, black	2	30				



Part no.	Description	Prod. gr.	Page	Part no.	Description	Prod. gr.	Page
92400	AL5-RC-plus next, black	3	59	94105	SG Stuttgart, transparent/black	11	24
92401	AL5-RC-plus next, white	3	59	94107	SG Cologne, transparent/graphite	11	24
92403	AL5-LC, black	3	60	94109	SG Dortmund, transparent/graphite	11	25
92405	AL5-LC, white	3	60	94110	SG Essen, matt/silver	11	25
92414	Mounting bracket AL2-RC-plus, black	6	32	94111	SG LT/Paris-transparent, white	11	26
92418	Mounting bracket AL20-ES, black	6	29	94112	SG LT/Paris-transparent, black	11	26
92425	Mounting bracket AL20-ES, white	6	29	94113	SG OP/Vienna, white	11	26
92426	Mounting bracket AL20-ES, silver	6	29	94114	SG Helsinki - transparent, white	11	28
92491	FL2-LED-230, black	3	49	94115	Globe as replacement for ALC-K	11	36
92492	FL2-LED-230, white	3	49	94116	SG Helsinki - transparent, black	11	28
92493	FL2-LED, black	3	46	94117	SG Copenhagen, white	11	27
92494	FL2-LED, white	3	46	94118	SG London - transparent, white	11	27
92531	FL3-LED-130, black	3	48	94119	SG London - transparent, black	11	27
92532	FL3-LED-130, white	3	48	94440	HF-L1	17	14
92533	FL3-LED, black	3	45	94445	HF-L8	17	11
92534	FL3-LED, white	3	45	94446	L8	29	8
92681	TS-DD	10	67	94447	HF-L11	17	12
94100	SG CR/Crystal, transparent	11	23	94448	L11	29	9
94101	SG BB/Oslo, transparent	11	23	94449	HF-L12	17	13
94102	SG DN/Bruxelles, transparent/white	11	23	94450	HF-L7	17	11
94103	SG DN/Bruxelles, transparent/black	11	23	94451	L7	29	8
94104	SG Nuremberg, transparent/black	11	24	94452	L12	29	10

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