




































LIGHTS AND PHOTOCELLS



LEGENDE

-  Remotely controllable
-  Channel 1 for light control
-  Photocells
-  1-10 V 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 class I
-  Degree of protection class II
-  Dimensions
-  Ambient temperature
-  Housing
-  System globe material
-  E27 fitting
-  2G7 fitting
-  G24q-2 fitting
-  LED light
-  Energy-saving light
-  Illuminant

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

Products arranged according to type designation

3. Technical Data

Specification of technical data and detection area

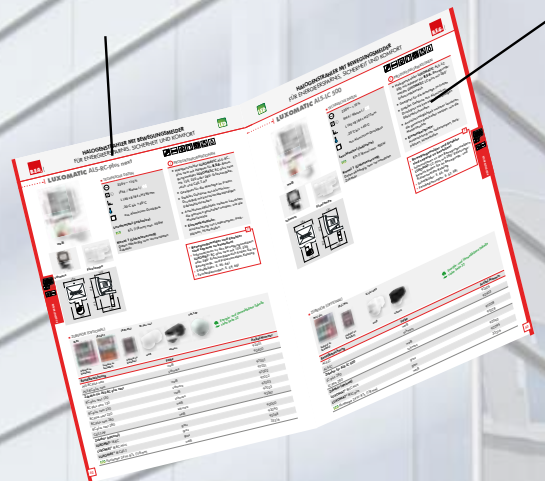


TABLE OF CONTENTS



Indoor lights 6 - 13

Indoor lights	8 - 9	
Indoor lights with HF technology	10 - 12	



Outdoor lights 13 - 30

Garden lights with motion detector	15	
Wall lights with motion detector	16 - 18	
Decorative glass shades for system wall lights	20 - 22	
System wall lights	23 - 24	
System wall lights with motion detector	25 - 28	
System wall lights with motion detector and LED decorative light	29 - 30	



Outdoor floodlights 31 - 43

LED floodlights	34 - 35	
LED floodlights with motion detector	36 - 37	
Energy saving floodlights	38 - 39	
Halogen floodlights	40 - 41	
Halogen floodlights with motion detector	41 - 43	



Photocells / constant light controls 44 - 53

Photocells for surface and ceiling installation	46 - 50	
Photocells for installation in lights	51	
Photocells for DIN-rails	52	
Constant light controls for clipping on to T5/T8 tubes	53	



Remote controls 54 - 63

RC-AL20	56
IR-LC-plus / IR-LC-Mini	57 - 58
IR-RC / IR-RC-Mini	59 - 60
IR-CdS-T	61
IR-CdS	62
IR-CdS-FP	63



Outdoor lights and floodlights 64 - 67

Outdoor lights and floodlights	65 - 66
Photocells	67

Article short list 68 - 69



INDOOR LIGHTS



OUTDOOR LIGHTS



OUTDOOR FLOODLIGHTS



PHOTOCELLS / CONSTANT LIGHT CONTROL



REMOTE CONTROLS



WIRING DIAGRAMS

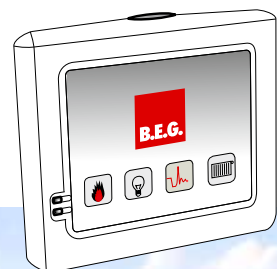
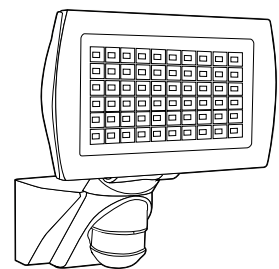
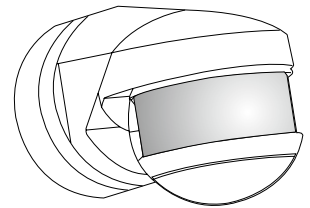
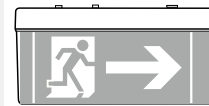


1975

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 locations in Hungary and Italy.
- 2012** New locations in Denmark and Spain.
- 2013** New offices planning approved.



... our high standard of quality

The **B.E.G. employees** are proud to be 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 to 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.

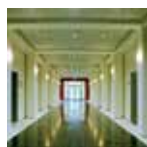
You will receive competent support from our trained office staff on questions about application, reordering and guarantee processing. Our field representatives will help you during project planning and will keep you up to date about products from **B.E.G.** If technical questions should arise, our qualified 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.



For applications without direct line of sight – LUXOMATIC indoor lights with HF technology



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! ■

Index	Page
Indoor lights	8
Indoor lights with HF technology	10









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	–	–	■	–	–	–	–
HF-L7	94450	10	–	■	–	■	■	Ø 16 m	360°
HF-L8	94445	10	–	–	■	■	■	Ø 16 m	360°
HF-L11	94447	11	–	–	■	■	■	Ø 16 m	360°
HF-L1	94440	12	■	–	–	■	■	Ø 16 m	360°

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

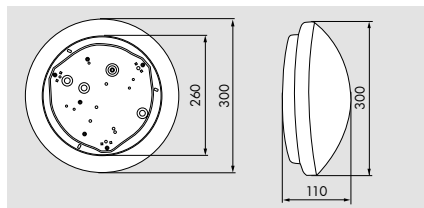
Mode / illuminant	Energy-saving lamp 13W with MD 	Incandescent lamp 60W without MD 	Savings 
Consumption in kWh / year	3.25 kWh	120 kWh	116.75 kWh
CO ₂ emission reductions			58 kg*
Additional trees to help reduce CO ₂			 x 3**
Costs per year at 0.20 €/kWh	0.65 €	24 €	23.35 €

*0.5 kg CO₂ for generating 1 kWh with mean energy mix
 **1 tree absorbs 20 kg CO₂ / 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)

LUXOMATIC L7 and L8

INDOOR LIGHTS



TECHNICAL DATA

- 230 VAC ±10 %
- IP40 / Class I / CE
- Ø 300 x H 110 mm
- 10°C to +40°C
- LED -20°C to +40°C
- L7 made of polycarbonate
L8 made of acrylic glass

Illuminant

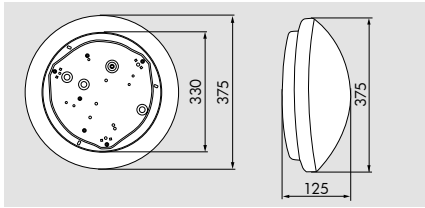
- E27 Halogen / energy-saving or LED lamp with E27 bulb socket

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
Accessories (optional)		
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157


LUXOMATIC L11



TECHNICAL DATA



-  230 VAC ±10 %
-  IP40 / Class I / CE
-  Ø 375 x H 125 mm
-  -10° C to +40° C
-  -20° C to +40° C
-  made from acrylic glas

Lamp

-  max. 2x 60 W Halogen / energy-saving or LED lamp with E27 bulb socket

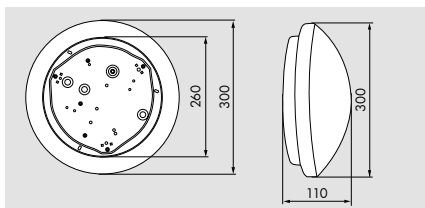
PRODUCT INFORMATIONEN

- 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

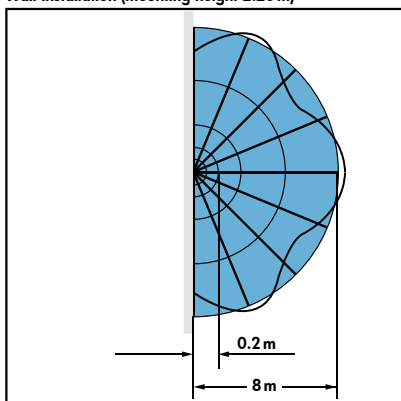
Description	Colour	Part number
L11 (Acrylic glass)	white	94448
Accessories (optional)		
 Energy-saving lamp E27 ·15W (replaces conventional 60W bulb), Energy efficiency class A		38158
 LED lamp E27 ·10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC HF-L7 and -L8

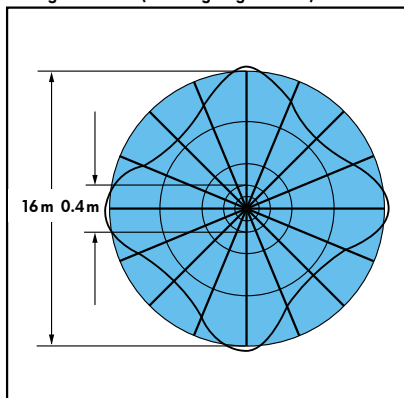
With integrated HF motion detector



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.

TECHNICAL DATA

- 230 VAC ±10 %
- 360°
- max. Ø 0.4 - 16 m
- IP40 / Class I / CE
- Ø 300 x H 110 mm
- 10°C to +40°C
- 20°C to +40°C
- L7 made of polycarbonate
- L8 made of acrylic glass

Illuminant

- max. 60W Halogen / energy-saving or LED lamp with E27 bulb socket

Channel 1 (light control)

- Module** 1200 W, $\cos\phi = 1$
- 5 s - 15 Min.
- 2 - 2000 Lux
- 5.8 GHz, <10 mW, ISM band

PRODUCT INFORMATIONEN

- 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

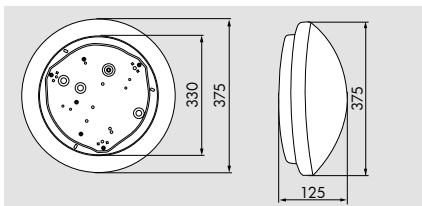
- ▶ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or microwave.
- ▶ We recommend you to test your application area to check for external influences 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 65!

Energy and environment balance sheet see page 7

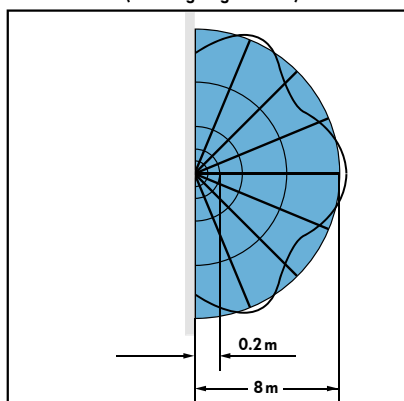
Description	Colour	Part number
HF-L7 (Polycarbonate)	white	94450
HF-L8 (Acrylic glass)	white	94445
Accessories (optional)		
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC HF-L11

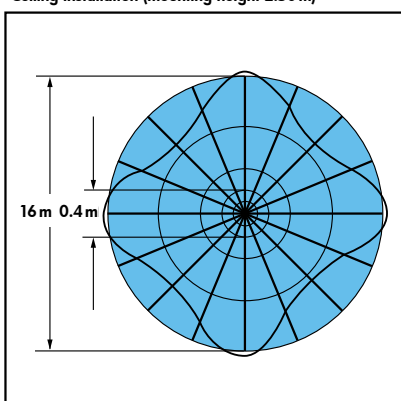
With integrated HF motion detector



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.

TECHNICAL DATA

	230 VAC ±10 %
	○ 360°
	max. Ø 0.4 - 16 m
	IP40 / Class I / CEE
	Ø 375 x H 125 mm
	-10°C to +40°C -20°C to +40°C
	made of acrylic glass
Illuminant	
	max. 60 W Halogen / energy-saving or LED lamp with E27 bulb socket
Channel 1 (light control)	
	Module 1200 W, cosφ = 1
	5 s - 15 Min.
	2 - 2000 Lux
	5.8 GHz, < 10 mW, ISM band

PRODUCT INFORMATIONEN

- 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

- ▶ 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 65!

Energy and environment balance sheet see page 7

Description	Colour	Part number
HF-L11 (Acrylglas)	white	94447
Accessories (optional)		
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC HF-L1

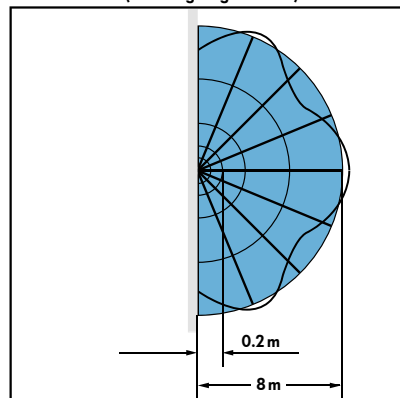
With integrated HF motion detector



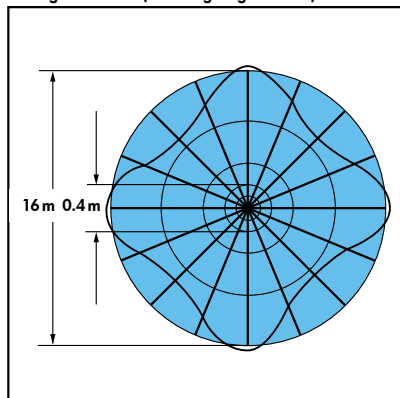
PRODUCT INFORMATIONEN

- 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: 5.8GHz – reacts to the smallest motion, independently of temperature
- Extremely short activation time
- Light only when needed
- Illuminant not included in delivery
- **Application examples:** corridors, halls, staircases, storage rooms, cellars, toilets

Wall installation (mounting height 2.20 m)



Ceiling installation (mounting height 2.50 m)



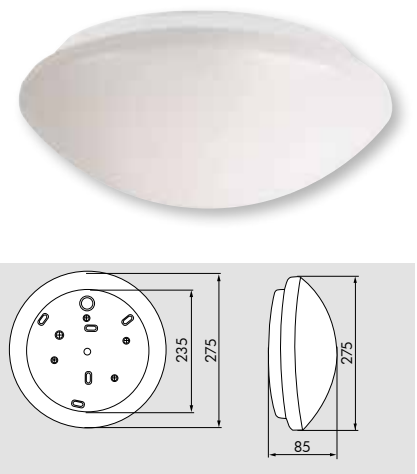
■ Walking across or towards
The range depends on size and speed of the object.

TECHNICAL DATA

- 230 VAC ±10%
- 360°
- max. Ø 0.4 - 16 m
- IP20 / Class II / CE
- Ø 275 x H 85 mm
- 10°C to +40°C
- LED -20°C to +40°C
- made of acrylic glass
- Lamp**
 max. 60 W Halogen / energy-saving or LED lamp with E27 bulb socket
- Channel 1 (light control)**
 Module 1200 W, cosφ = 1
- 5 s - 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 65!

Energy and environment balance sheet see page 7



Description	Colour	Part number
HF-L1	white	94440
Accessories		
IP54-O-ring (seal)	white	37849
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

For stylish outdoor lighting – LUXOMATIC lights



House entrances	Garages	House entrances	House entrances	House number lights	Terraces
-----------------	---------	-----------------	-----------------	---------------------	----------

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

All **B.E.G. LUXOMATIC** 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.

Illuminant

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 bulbs are still used for outdoor applications because they immediately light up with full power.

We recommend energy-saving illuminants for continuous lighting, e.g. in conjunction with two-light switches.

To improve your energy efficiency! ■

Index	Page	
Bollard lights with motion detector	15	
Wall lights with motion detector	16 - 18	
Decorative glass globes for system wall lights	20 - 22	
System wall lights	23 - 24	
System wall lights with motion detector	29 - 28	
System wall lights with motion detector and LED decorative light	30	

OVERVIEW 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	15	–	–	–	–	■	–	6 m	90°
AL1-130	91400 – white 91401 – brown 91402 – black	16	–	■	–	–	■	–	9 m	130°
AL4-130	80410 – white 80420 – black	17	–	■	–	–	■	–	9 m	130°
AL21	91731 – steel	18	–	■	–	–	■	■	12 m	180°
AL2-RC-plus 280	92383 – white 92393 – black	20	■	■	■	–	■	■	10 m	280°
AL20-E27	91710 – white 91730 – black	23	■	■	□	–	–	–	–	–
AL2-RC-plus	10640 – white 10641 – black	24	■	■	□	–	–	–	–	–
ALC-B-360	91301 – white 91321 – black	25	■	■	□	–	■	■	10 m	120°
AL2-RC-plus 130	92381 – white 92391 – black	26	■	■	□	–	■	■	10 m	130°
AL2-RC-plus 230	92382 – white 92392 – black 92047 – steel	27	■	■	□	–	■	■	10 m	230°
AL20-280-BM	91700 – white 91720 – black 91740 – steel	28	■	■	□	–	■	■	10 m	280°
AL20-280/ BM-LED	91705 – white 91725 – black 91745 – steel	29	■	■	■	■	■	■	10 m	280°
ALC-B-360 DECO	91351 – white 91352 – black	30	■	■	□	■	■	■	10 m	120°

□ Accessory



OUTDOOR LIGHTS

LUXOMATIC MD10



370



590



750

TECHNICAL DATA

- 230 VAC $\pm 10\%$
- 90°
- max. 6 m
- IP44 / Class II / CE
- 370** $\varnothing 105 \times H 370$ mm
590 $\varnothing 105 \times H 590$ mm
750 $\varnothing 105 \times H 750$ mm
- 10° C to +40° C
 -20° C to +40° C
- made of high-quality and UV-resistant polycarbonate

Illuminant

- max. 60W – Halogen / energy-saving or LED lamp with E27 bulb socket

Channel 1 (light control)

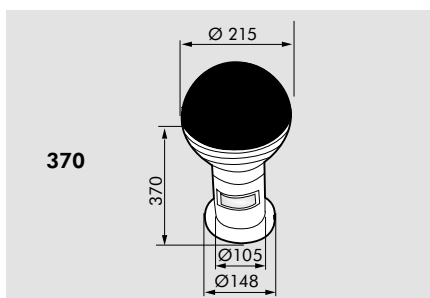
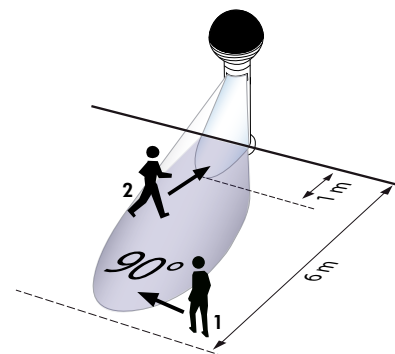
- 60W, $\cos\varphi = 1$
- 4s - 10 Min.
- 2 - 2000 Lux

PRODUCT INFORMATION

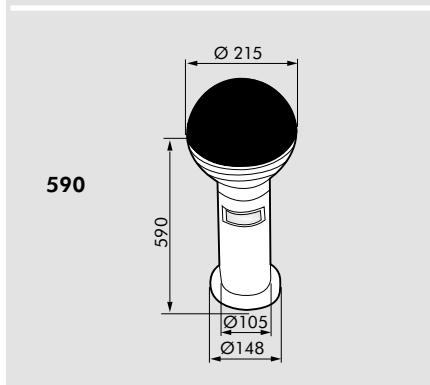
- Garden light LUXOMATIC MD10 with design-neutral motion detector and twilight switch in three different sizes
- Adjustable twilight value
- Range adjustable from 1 to 6 m
- Indirect lighting – no dazzling
- Lamps not included
- **Application examples:** gardens, outdoor areas of buildings, parking lots

▶ Wiring diagrams on page 65!

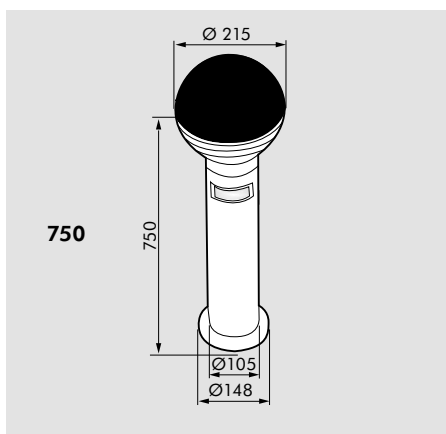
- 1 Walking across
- 2 Walking towards



370



590



750

Description	Colour	Part number
MD10-370	black	31426
MD10-590	black	31427
MD10-750	black	31428
Accessories (optional)		
Globe as replacement	black	94103
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC AL1



PRODUCT INFORMATION

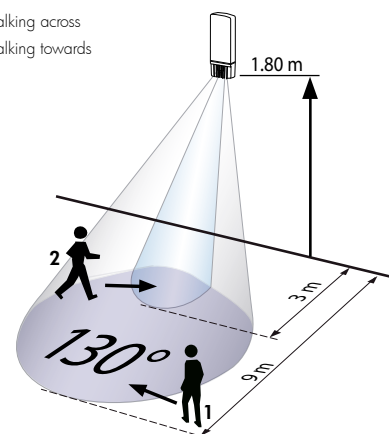
- Multi-purpose light **LUXOMATIC AL1** all purpose light with 130° motion detector and twilight switch
- Possible to connect additional lights that are switched in precisely the same way as the master light
- Operating elements for setting the activation time and the twilight switch located behind the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

▶ Wiring diagrams on pages 65, 66!

TECHNICAL DATA

- 230 VAC ±10 %
 - 130°
 - max. 9 m by walking across (tangential)
 - IP44 / Class II / CE
 - L 95 x W 110 x H 315 mm
 - 10° C to +40° C
 - 20° C to +40° C
 - made of high-quality and UV-resistant polycarbonate
- Lamp**
- max. 60 W – Halogen / energy-saving or LED lamp with E27 bulb socket
- Channel 1 (light control)**
- 1000 W, cosφ = 1
 - 4 s - 10 Min.
 - 2 - 2000 Lux

- 1 Walking across
- 2 Walking towards



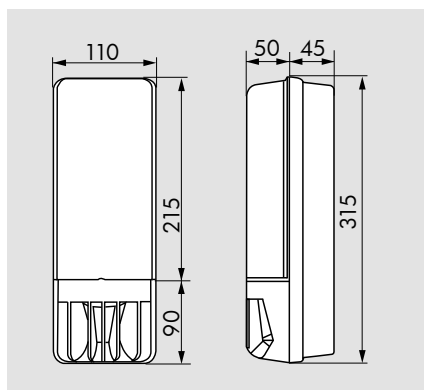
white



brown



black



Description	Colour	Part number
AL1 130	white	91400
AL1 130	brown	91401
AL1 130	black	91402
Accessories (optional)		
ECO Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

OUTDOOR LIGHTS

LUXOMATIC AL4

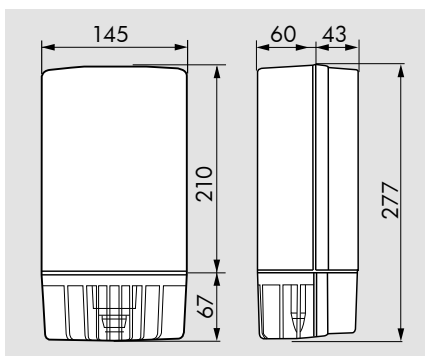
With Variomatic dimming function



white



black



TECHNICAL DATA

- 230 VAC ±10 %
- 130°
- max. 9 m by walking across (tangential)
- IP44 / Class II / CE
- L 103 x W 145 x H 277 mm
- 10°C to +40°C
- LED -20°C to +40°C
- made of high-quality and UV-resistant polycarbonate
- Lamp**
- E27 max. 60 W – Halogen / energy-saving or LED lamp with E27 bulb socket
- Channel 1 (light control)**
- 120 W, cosφ = 1
- 4 s - 10 Min.
- 2 - 2000 Lux

PRODUCT INFORMATION

- Multi-purpose light LUXOMATIC AL4 allpurpose 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
- Lamps not included
- **Application examples:** as wall, ceiling or house number lights



OUTDOOR LIGHTS

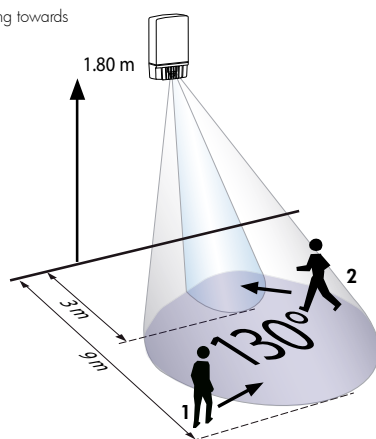


- ▶ Wiring diagrams on page 65!
- ▶ The twilight switch activates the automatic light as it gets dark and the AL4-130° switches on (individually adjustable) dimming 10 - 60% of the light power.
- ▶ The light switches to 100% power when people or cars are detected by the motion detector. When the person 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.



Set of numerals

- 1 Walking across
- 2 Walking towards



Description	Colour	Part number
AL4 130	white	80410
AL4 130	black	80420
Accessories (optional)		
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157
Set of numerals (2 x 1 - 9)	-	80421

LUXOMATIC AL21



Stainless steel



TECHNICAL DATA

- 230 VAC ±10 %
- 180°
- max. 12m by walking across (tangential)
- IP44 / Class I / CEE
- L 182 x W 224 x H 356 mm
- 10°C to +40°C
 -20°C to +40°C
- stainless steel housing, shade made of real glass
- RC-AL20, IR-RC-Mini

Lamp

- max. 60 W – Halogen / energy-saving or LED lamp with E27 bulb socket

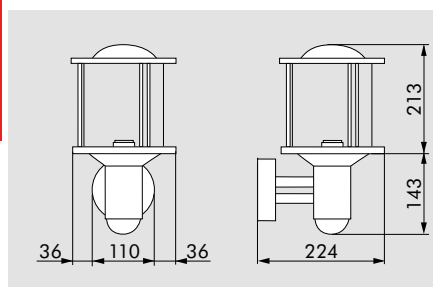
Channel 1 (light control)

- 1000 W, cosφ = 1
500 VA, cosφ = 0.5
- 15 s - 16 Min.
- 10 - 2000 Lux

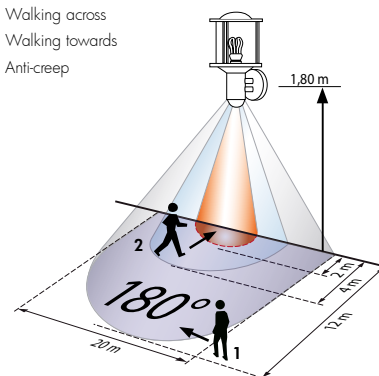
PRODUCT INFORMATION

- Remotely controllable LUXOMATIC 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 with the potentiometer and remotely with the LUXOMAT® RC-AL20
- Glass shade
- Wall installation
- Lamps not included
- **Application examples:** entrances, garages, patios, balconies, at entrance gates

- ▶ Wiring diagrams on pages 65, 66!
- ▶ Remote controls on page 56, 60!



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



ACCESSORIES (OPTIONAL)

RC-AL20

IR-RC-Mini



(to be ordered separately)

(to be ordered separately)

Description	Colour	Part number
AL21	Stainless steel	91731
Accessories (optional)		
LUXOMAT® RC-AL20	grey	92033
LUXOMAT® IR-RC-Mini	grey	92090
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

■ SYSTEM LIGHT LOWER SECTIONS SLS

■ SYSTEM-GLOBES SG

- E27
AL20-E27 SLS
- E27
☀️
AL20-280/BM SLS
- E27
☀️
LED
AL20-280/BM-LED-SLS



- E27
☀️
ALC-B-360 SLS
- E27
☀️
LED
ALC-B-360 DECO SLS



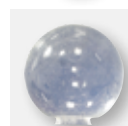
- E27
AL2-RC-plus SLS
- E27
☀️
AL2-RC-plus 130 SLS
- E27
☀️
AL2-RC-plus 230 SLS



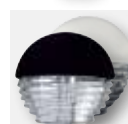
Paris black / white



Crystal



Oslo



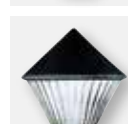
Bruxelles black / white



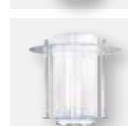
Nuremberg



Stuttgart



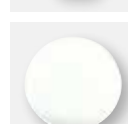
Frankfurt



Hamburg



Essen



Vienna



■ **B.E.G. SYSTEM-GLOBE – TYPE CRYSTAL-TRANSPARENT**

	Ø 215 x H 220 mm holding Ø 82 mm
	Bubble shade - graphit

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



■ **B.E.G. SYSTEM-GLOBE – TYPE 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 **LUXOMATIC AL2-RC-plus SLS, ALC-B SLS and AL20 SLS.**



■ **B.E.G. SYSTEM-GLOBE – TYPE BRUXELLES BLACK**

	Ø 215 x H 215 mm holding Ø 90 mm
	black

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



■ **B.E.G. SYSTEM-GLOBE – TYPE BRUXELLES WHITE**

	Ø 215 x H 215 mm holding Ø 90 mm
	white

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

Description	Colour	Part number
SG Crystal-transparent	transparent	94100
SG Oslo-transparent	transparent	94101
SG Bruxelles-transparent/white	transparent/white	94102
SG 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 **LUXOMATIC AL2-RC-plus SLS, ALC-B SLS and AL20 SLS**.



■ **B.E.G. SYSTEM-GLOBE – TYPE STUTTART-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 **LUXOMATIC 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 **LUXOMATIC AL2-RC-plus SLS, ALC-B SLS and AL20 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 **LUXOMATIC 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
SG Hamburg - matt/transparent	matt/transparent	94108



■ **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 **LUXOMATIC AL2-RC-** plus SLS, ALC-B SLS and AL20 SLS.

■ **B.E.G. SYSTEM-GLOBE – TYPE PARIS BLACK**






 Ø 215 x H 245 mm
 holding Ø 82 mm

 Crystal, black

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

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

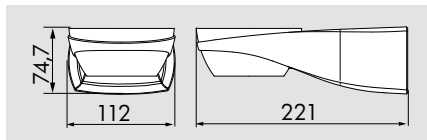
LUXOMATIC AL20-E27



black with globe Stuttgart



white



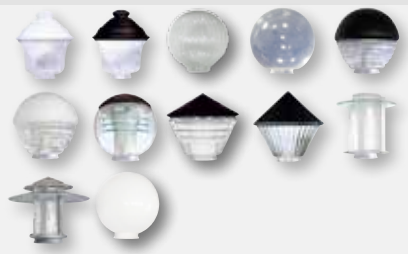
TECHNICAL DATA

- 230 VAC ±10 %
- IP44 / Class II / CE
- L 221 x W 112 x H 75 mm
- 10° C to +40° C
- LED -20° C to +40° C
- made of high-quality and UV-resistant polycarbonate

Lamp

- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket

System-Globes (see page 19)



PRODUCT INFORMATION

- System light lower sections LUXOMATIC AL20-E27 SLS - without motion detectors for energy-saving lamps or lamps with E27 fitting
- Suitable for use with automatic lights
- Freely combinable with 12 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
- Lamps not included
- **Application examples:** entrances, garages, patios, balconies, at entrance gates



OUTDOOR LIGHTS

ACCESSORIES (OPTIONAL)

AL20-ES corner base for outer corner installation



white

black

Description	Colour	Part number
AL20-E27 SLS	white	91710
AL20-E27 SLS	black	91730
Accessories (optional)		
AL20-ES corner base	white	92425
AL20-ES corner base	black	92418
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

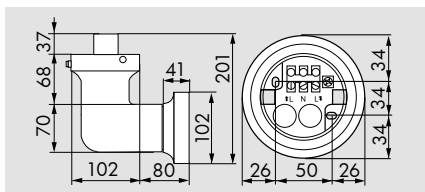
LUXOMATIC AL2-RC-plus



black with globe Bruxelles



white



TECHNICAL DATA

- 230 VAC ±10 %
- IP44 / Class II / CE
- L 182 x W 102 x H 175 mm
- 10° C to +40° C
- LED -20° C to +40° C
- made of high-quality and UV-resistant polycarbonate

Lamp

- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket

System globes (see page 19)



PRODUCT INFORMATION

- System light lower sections **LUXOMATIC AL2-RC-plus SLS** – without motion detectors
- Freely combinable with 12 different **System-Globes SG** – see below!
- Wall, ceiling, inside and outside corner installation
- Time-saving single-handed plug-in base installation
- Lamps not included
- **Application examples:**
Entrances, garages, patios, balconies, at entrance gates

ACCESSORIES (OPTIONAL)

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

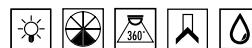


white

black

Description	Colour	Part number
AL2-RC-plus SLS (without motion detector)	white	10640
AL2-RC-plus SLS (without motion detector)	black	10641
Accessories (optional)		
AL2-RC-plus Corner base	white	92373
AL2-RC-plus Corner base	black	92414
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

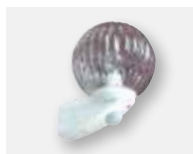
LUXOMATIC ALC-B-360



black with globe Oslo



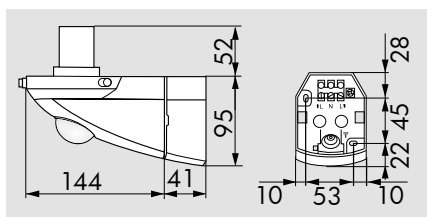
white



ALC-K-360 white with Crystal glass



ALC-K-360 black with Crystal glass



TECHNICAL DATA

- 230 VAC $\pm 10\%$
- 120°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CE
- L 185 x W 107 x H 147 mm
- 10°C to +40°C
- 20°C to +40°C
- made of high-quality and UV-resistant polycarbonate

Lamp

- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket

Channel 1 (light control)

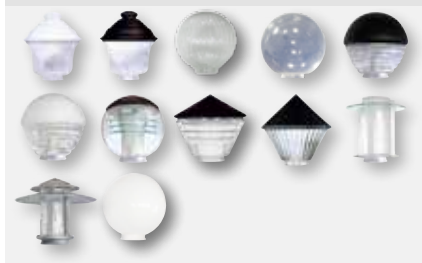
- 1000 W, $\cos\phi = 1$
- 4 s - 10 Min.
- 2 - 2000 Lux

PRODUCT INFORMATION

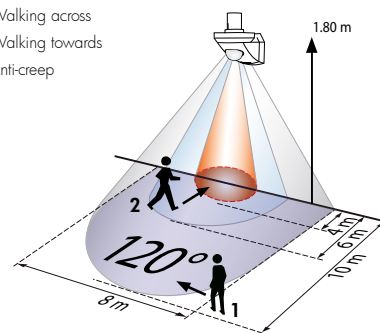
- System light lower sections LUXOMATIC ALC-B-360 SLS with motion detector and twilight switch
- Freely combinable with 12 different System-Globes SG – see below!
- Vertical detection range 360° and horizontal detection range 120°
- Wall or outer corner installation
- Time-saving single-handed plug-in base installation
- Possible to connect additional lights switched in precisely the same way as the master light
- Lamps not included
- **Application examples:** Entrances, garages, patios, balconies, at entrance gates

▶ Wiring diagrams on pages 65, 66!

System globes (see page 19)



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



ACCESSORIES (OPTIONAL)

ALC-ES corner base for outside corner installation

Replacement globe ALC-K



white



black



transparent

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	white	91306
ALC-K-360 incl. crystal glass	black	91326

Accessories (optional)

ALC-ES corner base	white	91305
ALC-ES Corner base	black	91325
Replacement globe ALC-K	transparent	94115
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

OUTDOOR LIGHTS

LUXOMATIC AL2-RC-plus 130

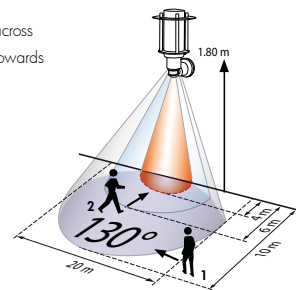


PRODUCT INFORMATION

- Remote controllable system light lower sections **LUXOMATIC AL2-RC-plus SLS**
- Freely combinable with 12 different **System-Globes SG** – see below!
- Tried-and-tested RC-plus motion-detector technology with 130° detection range
- 360° anti-creep zone protection for full security, may be activated or deactivated using the **LUXOMAT® IR-RC** remote control.
- Time-saving single-handed plug-in base installation
- Continuous light ON and OFF possible at any time with optional **LUXOMAT® IR-RC-Mini** remote control
- Connection of external lights possible
- Lamps not included
- Application examples:** monitoring of an entire side of a house, entrance areas, garages, at entrance gates

- Wiring diagrams on pages 65, 66!
- Remote controls on pages 59, 60!

- Walking across
- Walking towards
- Anti-creep



TECHNICAL DATA

- 230 VAC ±10 %
- 130°
- max. 16 m by walking across (tangential)
- IP44 / Class II / CE
- L 182 x W 102 x L 175 mm
- 10°C to +40°C
- 20°C to +40°C
- made of high-quality and UV-resistant polycarbonate
- IR-RC, IR-RC-Mini

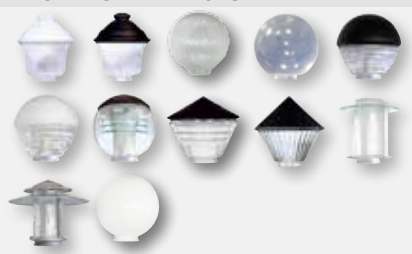
Lamp

- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket

Channel 1 (light control)

- 1000 W, cosφ = 1
- 15 s - 16 Min. or impuls
- 2 - 2000 Lux

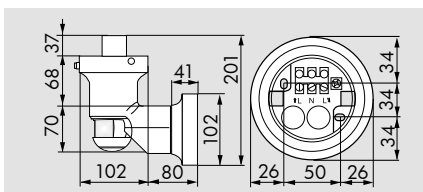
System globes (see page 20)



white with globe Hamburg

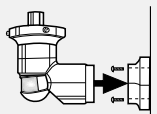


black

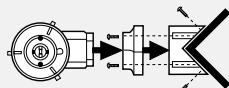


Installation types

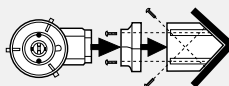
Wall installation



Outside corner install



Inside corner mounting



ACCESSORIES (OPTIONAL)

IR-RC



(to be ordered separately)

IR-RC-Mini



(to be ordered 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
Accessories (optional)		
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
ECO Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC AL2-RC-plus 230



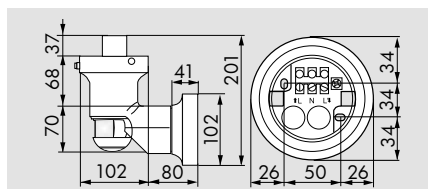
Stainless-steel effect with globe Hamburg



white



black



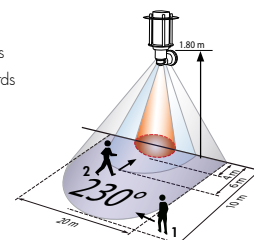
TECHNICAL DATA

- 230 VAC $\pm 10\%$
- 230°
- max. 16 m by walking across (tangential)
- IP44 / Class II / $\text{C}\epsilon$
- L 182 x W 102 x H 175 mm
- -10°C to $+40^\circ\text{C}$
- -20°C to $+40^\circ\text{C}$
- made of high-quality and UV-resistant polycarbonate
- IR-RC, IR-RC-Mini
- Lamp**
- E27
- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket
- Channel 1 (light control)**
- 1000 W, $\cos\phi = 1$
- 15 s - 16 Min. or pulse function
- 2 - 2000 Lux

PRODUCT INFORMATION

- Remote controllable system light lower sections LUXOMATIC AL2-RC-plus SLS
- Freely combinable with 12 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.
- Time-saving single-handed plug-in base installation
- Continuous light ON and OFF possible at any time with optional LUXOMAT® IR-RC-Mini remote control
- Connection of external lights possible
- Lamps not included
- **Application examples:** monitoring of an entire side of a house, entrance areas, garages, at entrance gates

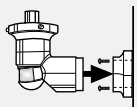
- ▶ Wiring diagrams on pages 65, 66!
- ▶ Remote controls on pages 59, 60!



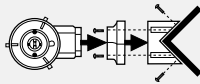
- 1 Walking across
- 2 Walking towards
- Anti-creep

Installation types

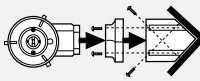
Wall installation



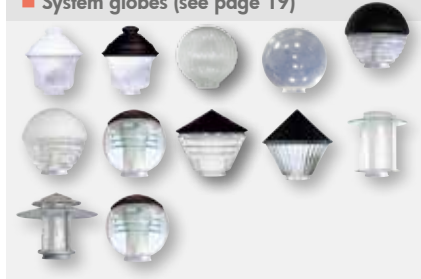
Outside corner installation



Inside corner mounting



System globes (see page 19)



ACCESSORIES (OPTIONAL)

IR-RC



(to be ordered separately)

IR-RC-Mini



(to be ordered separately)

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



white

black

Stainless-steel effect

RC element



Description	Colour	Part number
AL2-RC-plus 230 SLS	white	92382
AL2-RC-plus 230 SLS	black	92392
AL2-RC-plus 230 SLS	Stainless-steel effect	92047
Accessories (optional)		
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	Stainless-steel effect	92048
RC element	white	10880
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

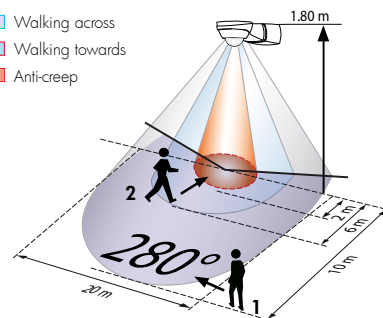
LUXOMATIC AL20-280-BM



PRODUCT INFORMATION

- System light lower sections **LUXOMATIC AL20-280/BM-SLS** with motion detector and twilight switch with a 280° detection range
- Freely combinable with 12 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
- Lamps not included
- **Application examples:**
Entrances, garages, patios, balconies, at entrance gates

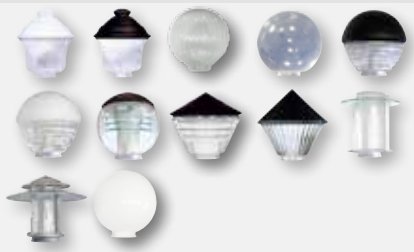
- 1 Walking across
- 2 Walking towards
- Anti-creep



TECHNICAL DATA

- ~ 230 VAC ±10 %
- 280°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CE
- L 221 x W 112 x H 75 mm
- ⚡ -10°C to +40°C
- 💡/LED -20°C to +40°C
- made of high-quality and UV-resistant polycarbonate
- RC-AL20, IR-RC-Mini
- Lamp**
- E27 max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket
- Channel 1 (light control)**
- ⚡ 1000 W, cosφ = 1
- 🕒 15 s - 16 Min.
- ☾ 10 - 2000 Lux

System globes (see page 19)



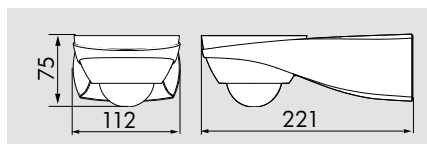
black with globe Frankfurt



white



Stainless-steel effect



- ▶ Wiring diagrams on pages 65, 66!
- ▶ Remote controls on pages 56, 60!

ACCESSORIES (OPTIONAL)

RC-AL20



(to be ordered separately)

IR-RC-Mini



(to be ordered separately)

AL20-ES corner base for outer corner installation



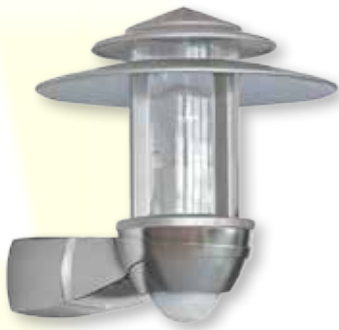
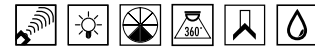
white

black

Stainless-steel effect

Description	Colour	Part number
AL20-280/BM SLS with motion detectors	white	91700
AL20-280/BM SLS with motion detectors	black	91720
AL20-280/BM SLS with motion detectors	Stainless-steel effect	91740
Accessories (optional)		
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	Stainless-steel effect	92426
ECO Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

LUXOMATIC AL20-280/BM-LED

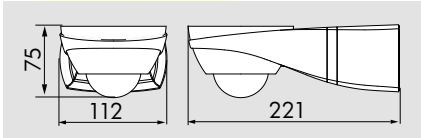


Stainless-steel effect with globe
Essen

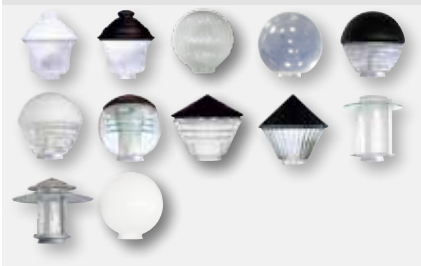


white

black



System globes (see page 19)



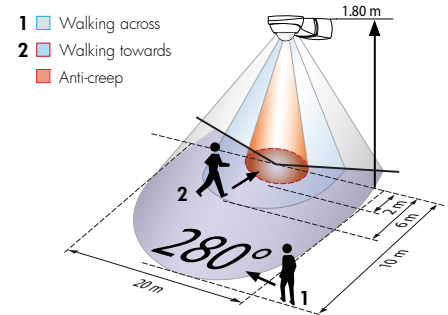
TECHNICAL DATA

- 230 VAC $\pm 10\%$
- 280°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CE
- L 221 x W 112 x H 75 mm
- 10°C to +40°C
- 20°C to +40°C
- made of high-quality and UV-resistant polycarbonate
- RC-AL20, IR-RC-Mini
- Lamp**
- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket
- Secondary light**
4 LED / 1 W
- Channel 1 (light control)**
- 1000 W, $\cos\phi = 1$
- 15 s - 16 Min.
- 10 - 2000 Lux

PRODUCT INFORMATION

- **Integrated secondary LED light ring** for additional decorative illumination of the building, activated by remote control
- **System light lower sections LUXOMATIC AL20-280/BM-LED SLS** with motion detector and twilight switch with a 280° detection range
- Freely combinable with 12 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
- Lamps not included
- **Application examples:**
Entrances, garages, patios, balconies, at entrance gates

- ▶ Wiring diagrams on pages 65, 66!
- ▶ Remote controls on pages 56, 60!



ACCESSORIES (OPTIONAL)

RC-AL20



(to be ordered separately)

IR-RC-Mini



(to be ordered separately)

AL20-ES corner base for outer corner installation



white

black

Stainless-steel effect

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	Stainless-steel effect	91745
Accessories (optional)		
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	Stainless-steel effect	92426
Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

OUTDOOR LIGHTS

LUXOMATIC ALC-B-360 DECO

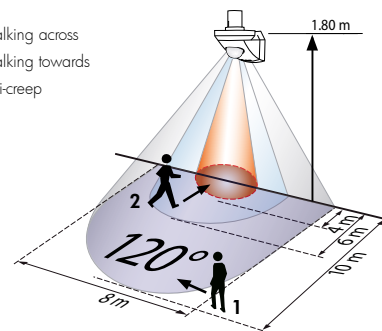


PRODUCT INFORMATION

- Decorative secondary LED lighting, switched by remote control
- System light lower sections LUXOMATIC ALC-B-360-DECO SLS with motion detector and twilight switch
- Freely combinable with 12 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
- Lamps not included
- Application examples: Entrances, garages, patios, balconies, at entrance gates

- Wiring diagrams on pages 65, 66!
- Remote controls on page 58!

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



TECHNICAL DATA

- 230 VAC ±10 %
- 120°
- max. 10 m by walking across (tangential)
- IP44 / Class II / CE
- L 185 x W 107 x H 147 mm
- 10°C to +40°C
- 20°C to +40°C (LED)
- made of high-quality and UV-resistant polycarbonate
- IR-LC-Mini

Lamp

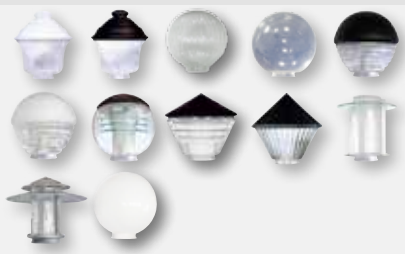
- max. 100 W – Halogen / energy-saving or LED lamp with E27 bulb socket

- Secondary light 1 LED / 1 W

Channel 1 (light control)

- 1000 W, cos φ = 1
- 4 s - 10 Min.
- 2 - 2000 Lux

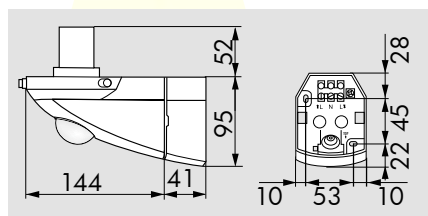
System globes (see page 19)



black with globe Oslo



white



ACCESSORIES (OPTIONAL)

IR-LC-Mini



(to be ordered separately)

ALC-ES Corner base for outer corner installation



white



black

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
Accessories (optional)		
LUXOMAT® IR-LC-Mini	grey	92093
ALC-ES Corner base	white	91305
ALC-ES Corner base	black	91325
ECO Energy-saving lamp E27 -15W (replaces conventional 60W bulb), Energy efficiency class A		38158
LED lamp E27 -10W / E27 (replaces conventional 60W bulb), Energy efficiency class A+		38157

Moved into a pleasant light – LUXOMATIC floodlights



■ LED floodlights for efficient lighting



OUTDOOR FLOODLIGHTS



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 parkinglot areas.



Saving energy with the future in mind! ■

Index	Page	
LED floodlights	34 - 35	
LED floodlights with motion detector	36 - 37	
Energy saving floodlights	38 - 39	
Halogen floodlight	40	
Halogen floodlight with motion detector	41 - 43	



Energy savings with FL2N-LED instead of 150W halogen

Mode / Lamps	60 LED	Halogen lamp 150 W	Savings 
			
Consumption in kWh / year on 250 working days	52 kWh	300 kWh	276 kWh
CO ₂ emission reductions			124 kg*
Additional trees to help reduce CO ₂			 x 6**
Costs per year at 0.20€/kWh	10.40€	60€	49.60€





Energy- and environmentally-efficient halogen floodlight 500W

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

Energy- and environmentally-efficient halogen floodlight 150W

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



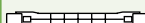

Energy- and environmentally-efficient Ecolight 26

Mode / Lamps	Sparlampe 26 W	Incandescent Lamp 150 W	Savings 
			
Consumption in kWh / year on 250 working days	76 kWh	438 kWh	362 kWh
CO ₂ emission reductions			181 kg*
Additional trees to help reduce CO ₂			 x 9**
Costs per year at 0.20€/kWh	15.20€	87.60€	72.42€



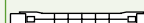

*0.5 kg CO₂ for generating 1kWh with mean energy mix
**1 tree absorbs 20 kg CO₂/ year

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 24h)

Energy- and environmentally-efficient 24W – 500W

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 ₂ emission reductions			695 kg*
Additional trees to help reduce CO ₂			 x 35**
Costs per year at 0.20€/kWh	14€	292€	278€

Energy- and environmentally-efficient 24W – 150W

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 ₂ emission reductions			184 kg*
Additional trees to help reduce CO ₂			 x 9**
Costs per year at 0.20€/kWh	14€	87.60€	73.60€

*0.5 kg CO₂ for generating 1kWh with mean energy mix
**1 tree absorbs 20 kg CO₂/ year

OUTDOOR FLOODLIGHTS

OVERVIEW OF OUTDOOR FLOODLIGHTS

Outdoor Floodlights	Part no.	Page	Wall installation	Wall bracket	Earth spike	Hand held light	Motion detection	Remotely controllable	Range	Detection angle
FL3N-LED	92703 – white 92702 – black	34	■	–	–	–	–	–	–	–
FL2N-LED	92599 – white 92598 – black	35	■	–	–	–	–	–	–	–
FL3N-LED-130	92629 – white 92628 – black	36	■	–	–	–	■	–	10 m	130°
FL2N-LED-230	92627 – white 92626 – black	37	■	–	–	–	■	■	20 m	230°
Ecolight 26-W	22005 – white 22000 – black	38	■	–	–	–	–	–	–	–
Ecolight 26-WA	22045 – white 22040 – black	39	–	■	–	–	–	–	–	–
FL 150	92352 – white 92353 – black	40	■	–	–	–	–	–	–	–
FL 500	92351 – white 92350 – black	40	■	–	–	–	–	–	–	–
FLC 150-140	91811 – white 91831 – black	41	■	–	–	–	■	■	12 m	140°
FLC 150-200	91801 – white 91831 – black	41	■	–	–	–	■	■	12 m	200°
FLC 500-140	91812 – white 91832 – black	41	■	–	–	–	■	■	12 m	140°
FLC 500-200	91802 – white 91822 – black	41	■	–	–	–	■	■	12 m	200°
AL5-RC-plus next	92401 – white 92400 – black	42	■	–	–	–	□	□	20 m	130°, 230° or 280°
AL5-LC	92405 – white 92403 – black	43	■	–	–	–	□	□	16 m	280°

□ Accessories



LUXOMATIC FL3N-LED



Neutral white LED



white



black

TECHNICAL DATA

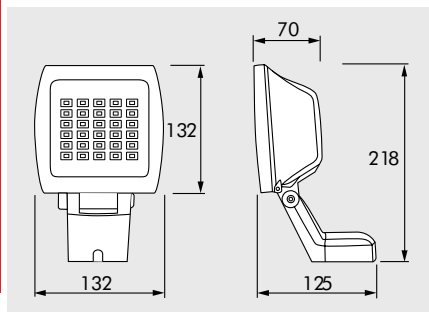
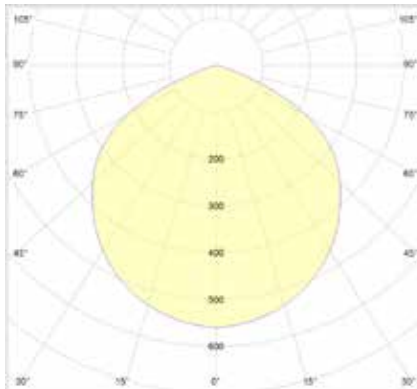
	110 - 240 VAC, 50/60 Hz
	IP44 / Class I / CE
	L 132 x W 125 x H 218 mm
	-20°C to +40°C
	made of die-cast aluminium
	Energy efficiency class A
Lamps	
	30 high power LED
	1050 lm (neutral white)
	LED cannot be replaced
	Total power consumption
	14 W

PRODUCT INFORMATION

- LUXOMATIC FL2N-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

! [Wiring diagrams on page 66!](#)

Light distribution



ACCESSORIES (OPTIONAL)

Diffusor lenses



(to be ordered separately)

Description	Colour	Part number
FL3N-LED	black	92702
FL3N-LED	white	92703
Accessories (optional)		
Diffusor lenses	clear/opal	38004



LED FLOODLIGHT 26 W

FOR ENERGY SAVING, SAFETY AND COMFORT



LUXOMATIC FL2N-LED



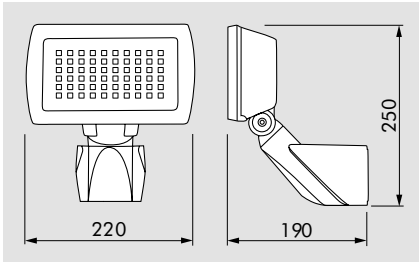
Neutral white LED



white



black



TECHNICAL DATA

- 110 - 240 VAC, 50/60 Hz
- IP44 / Class I / CE
- L 190 x W 220 x H 250 mm
- 20°C to +40°C
- made of die-cast aluminium
- Energy efficiency class A

Lamps

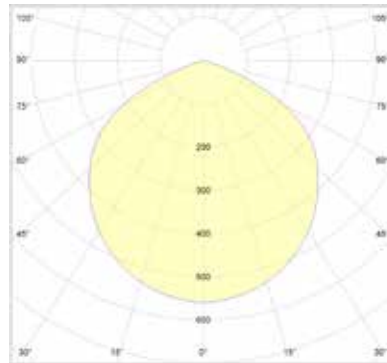
- 60 high-power LED
- 2100 lm (neutral white)
- LED cannot be replaced
- Total power consumption**
- 26 W

PRODUCT INFORMATION

- LUXOMATIC FL2N-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
- **Application examples:**
illumination of loading ramps, parking lots

▶ Wiring diagrams on page 66!

Light distribution



ACCESSORIES (OPTIONAL)

Diffusor lenses



(to be ordered separately)

Description	Colour	Part number
FL2N-LED	black	92598
FL2N-LED	white	92599
Accessories (optional)		
Diffusor lenses	clear/opal	38003

OUTDOOR FLOODLIGHTS

LUXOMATIC FL3N-LED-130



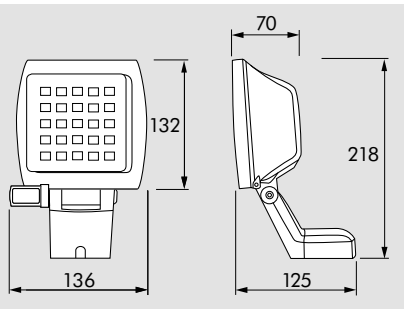
Neutral white LED



white



black



TECHNICAL DATA

- 110-240 VAC, 50/60 Hz
- 130°
- max. 10 m by walking across
- IP44 / Class I / CE
- L 136 x W 125 x H 218 mm
- 20°C to +40°C
- Die-cast aluminium floodlight, motion detector made of high-quality, UV-resistant polycarbonate
- Energy efficiency class A

Lamps

- 30 high-powered LEDs
- 1050 lm (neutral white)
- LED cannot be replaced
- Total power consumption** 14 W

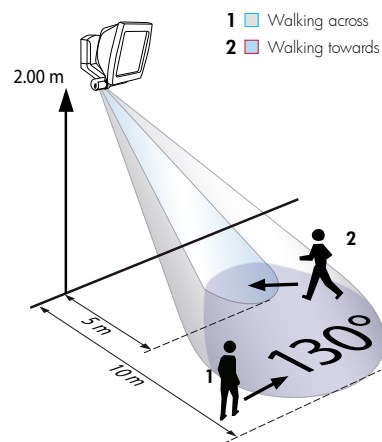
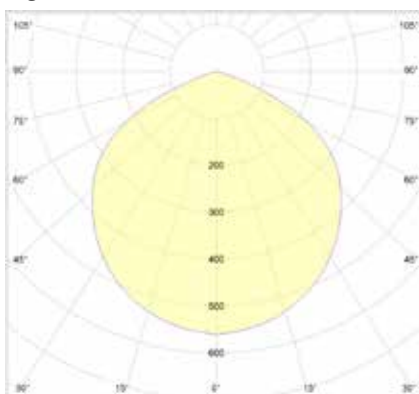
Channel 1 (light control)

- 1000 W, cosφ = 1
- 500 VA, cosφ = 0.5, μ-contact
- 30 s - 30 Min.
- 2 - 2000 Lux

PRODUCT INFORMATION

- LUXOMATIC FL3N-LED-130 floodlight with integrated motion detector and LED technology
- Suitable for outdoor installation
- 130° detection range
- Adjustable for up or downlighting
- 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
- **Application examples:** ideal for monitoring narrow lots or entrance fronts

Light distribution



ACCESSORIES (OPTIONAL)

Diffusor lenses



(to be ordered separately)

Description	Colour	Part number
FL3N-LED-130	black	92628
FL3N-LED-130	white	92629
Accessories (optional)		
Diffusor lenses	clear/opal	38004

OUTDOOR FLOODLIGHTS

LUXOMATIC FL2N-LED-230



Neutral white LED



white



black



TECHNICAL DATA

	110-240 VAC, 50/60 Hz
	230°
	max. 20 m by walking across
	IP44 / Class I / CE
	L 190 x W 220 x H 250 mm
	-20°C to +40°C
	Die-cast aluminium floodlight, motion detector made of highquality, UV-resistant polycarbonate
	IR-RC, IR-RC-Mini
	Energy efficiency class A
Lamps	60 high-powered LEDs 2100 lm (neutral white) LED cannot be replaced
	Total power consumption 26 W
Channell 1 (light control)	2300 W, cos φ = 1 1150 VA, cos φ = 0.5, μ-contact
	15 s - 16 Min. and pulse function
	2 - 2000 Lux

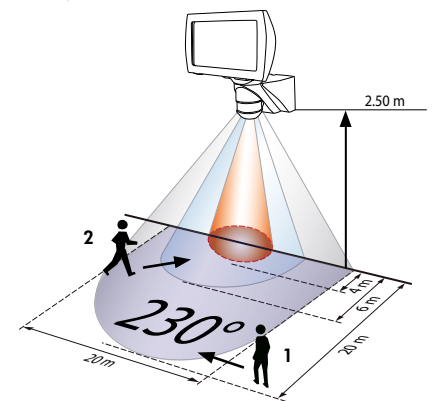
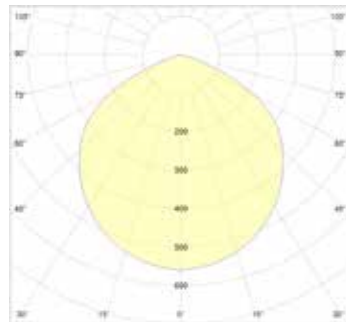
PRODUCT INFORMATION

- LUXOMATIC floodlight FL2N-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 stainlesssteel screws
- **Application examples:**
ideal for monitoring large areas, e.g. loading-ramp or parking-lot areas

- ▶ Wiring diagrams on page 66!
- ▶ Remote controls on pages 59, 60!

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

Light distribution



ACCESSORIES (OPTIONAL)



(to be ordered separately)

(to be ordered separately)

(to be ordered separately)

Description	Colour	Part number
FL2N-LED-230	black	92626
FL2N-LED-230	white	92627
Accessories (optional)		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
Diffusor lenses	clear/opal	38003

LUXOMATIC Ecolight 26-W



26-W white

TECHNICAL DATA

- 230 VAC ±10 %
- IP44 / Class II / CE
- L 100 x W 220 x H 305 mm
- 15°C to +40°C
- made of high-quality and UV-resistant polycarbonate

Lamps



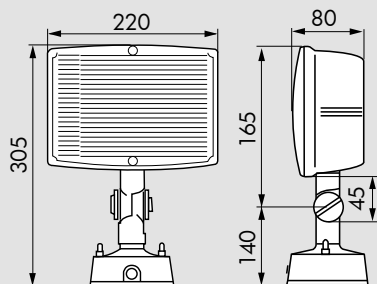
26-W PL26W/G24q-3
Luminous flux 1.800 lm

PRODUCT INFORMATION

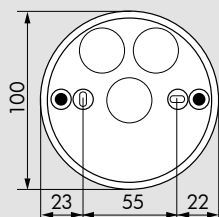
- **LUXOMATIC Ecolight 26-W** energy-saving floodlight for wall and ceiling installation
- Approx. 80% lower energy consumption when used compared with a 100 W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- Lamps not included
- **Application examples:** façade lighting, company signs, general lighting



26-W black

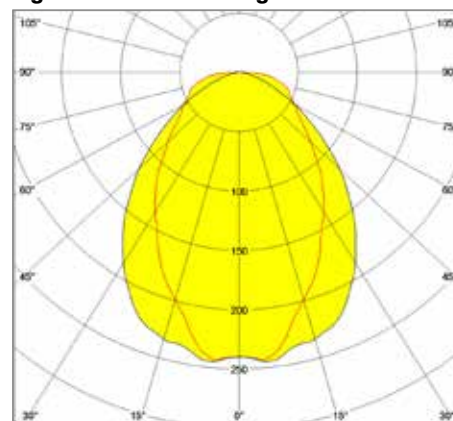


Ecolight 26-W



Mounting socket

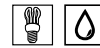
Light distribution Ecolight 26-W



Energy and environment balance sheet see page 32

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

LUXOMATIC Ecolight 26-WA



TECHNICAL DATA

- 230 VAC ±10%
- IP44 / Class I / CE
- L 100 x W 220 x H 1050 mm
- 20°C to +40°C
- made of high-quality and UV-resistant polycarbonate

Lamps

- PL26W/G24q-3
- Luminous flux 1.800 lm**

PRODUCT INFORMATION

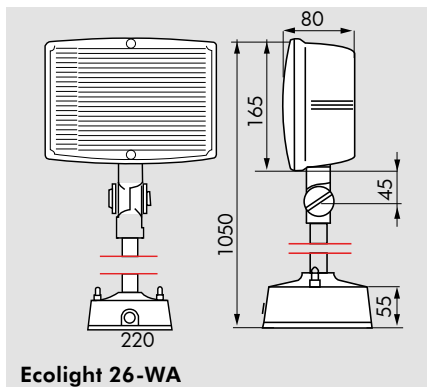
- **LUXOMATIC Ecolight 26-WB** energy-saving floodlight for wall bracket installation
- Approx. 80% lower energy consumption when used compared with a 100W conventional lamp
- Energy-saving lamps last longer: around 12,000 hours compared with conventional lamps (approx. 1,000 hours); therefore very low maintenance costs
- Very low intrinsic heating due to the electronic ballast's minimal dissipation loss
- Very high light yield thanks to special reflectors
- Lamps not included
- **Application examples:**
façade lighting, company signs, general lighting



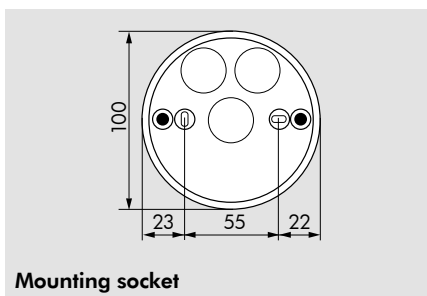
26-WA black



26-WA white

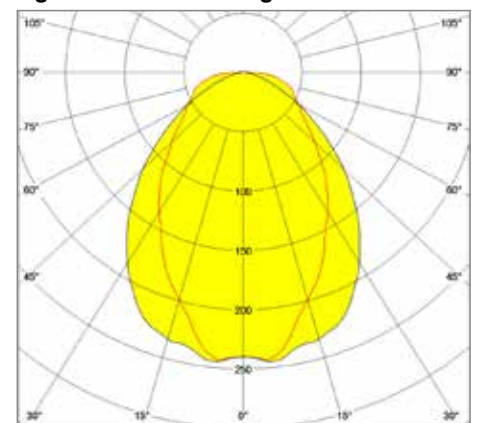


Ecolight 26-WA



Mounting socket

Light distribution Ecolight 26-WA



Energy and environment balance sheet see page 32



OUTDOOR FLOODLIGHTS

Description	Colour	Part number
Ecolight 26-WA	black	22040
Ecolight 26-WA	white	22045

LUXOMATIC FL 150 and FL 500



150 black



150 white



Fluo lamp



500 white



500 black

TECHNICAL DATA

- 230 VAC ±10 %
- IP44 / Class I / CE
- FL 150**
L 145 x W 124 x H 135 mm
- FL 500**
L 160 x W 184 x H 175 mm
- 20°C to +40°C
- made of die-cast aluminium

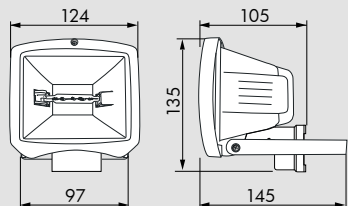
Lamps

- FL 150**
R7s (78 mm) max. 120 W
- FL 500**
R7s (118 mm) max. 400 W

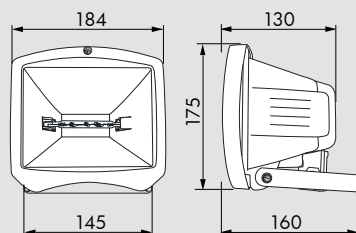
ECO

PRODUCT INFORMATION

- **LUXOMATIC 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 32

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
Accessories (optional)		
ECO Fluor lamp 24 W-R7s (118 mm)	white	33316

HALOGEN FLOODLIGHT WITH MOTION DETECTOR FOR ENERGY SAVING, SAFETY AND COMFORT

B.E.G.

LUXOMATIC FLC 150 und FLC 500



FLC 150 - black



FLC 150 - white



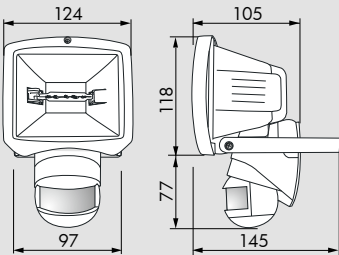
Fluo lamp



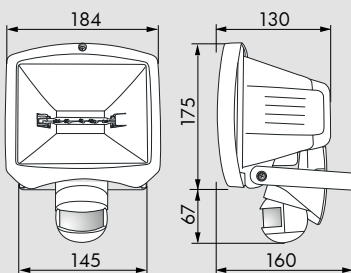
FLC 500 - white



FLC 500 - black



FLC 150



FLC 500

TECHNICAL DATA

- 230 VAC $\pm 10\%$
- 140° or 200°
- max. 12 m by walking across

IP44 / Class I / CE

FLC 150
L 145 x W 124 x H 195 mm

FLC 500
L 160 x W 184 x H 242 mm

-20°C to +40°C

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

Lamps (included)

FLC 150
R7s (78 mm) max. 120 W

FLC 500
R7s (118 mm) max. 400 W

ECO

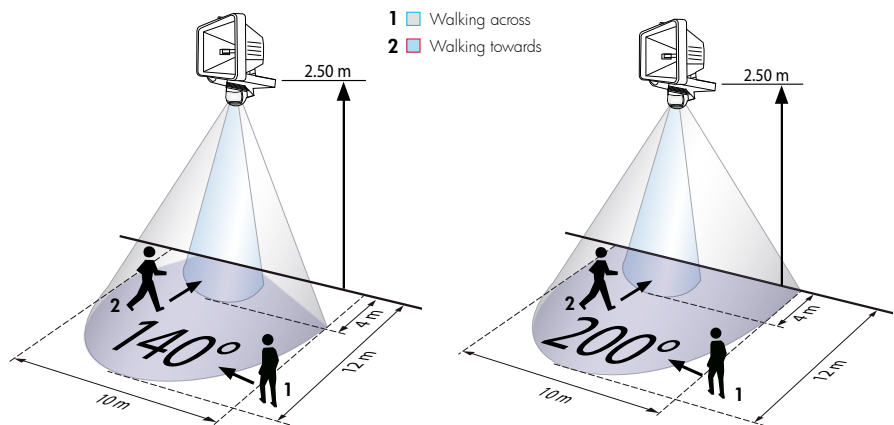
Channel 1 (light control)

- 4 s - 10 Min.
- 2 - 2000 Lux

PRODUCT INFORMATION

- LUXOMATIC 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:**
illumination of loading ramps, parking lots

▶ Wiring diagrams on page 65!



Energy and environment balance sheet see page 32

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
Accessories (optional)		
ECO Fluo lamp 24 W-R7s (118 mm)	white	33316

LUXOMATIC AL5-RC-plus next



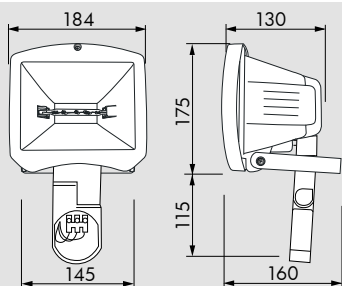
white



black



Fluo lamp



TECHNICAL DATA

- 230 VAC ±10%
- IP44 / Class I / CE
- L 160 x W 184 x H 290 mm
- 20°C to +40°C
- made of die-cast aluminium

Lamps (included)

ECO R7s (118 mm) max. 400 W

Channel 1 (light control)

Data depending on sensor used

PRODUCT INFORMATION

- **LUXOMATIC AL5-RC-plus next** halogen floodlight with adapter-socket for **B.E.G. LUXOMAT® RC-plus next** motion detector with 130, 230 or 280° detection range and **LUXOMATIC 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 65, 66!
 - ▶ Remote controls on pages 59, 60!

ACCESSORIES (OPTIONAL)



(to be ordered separately)

(to be ordered separately)

(to be ordered separately)

white

black

Energy and environment balance sheet see page 32

Description	Colour	Part number
AL5-RC-plus next	white	92401
AL5-RC-plus next	black	92400
Accessories for AL5-RC-plus next		
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-AP	white	92367
Accessories (optional)		
LUXOMAT® IR-RC	grey	92000
LUXOMAT® IR-RC-Mini	grey	92090
LUXOMAT® IR-CdS-T	grey	92368
ECO Fluo lamp 24 W-R7s (118 mm)	white	33316



HALOGEN FLOODLIGHT WITH MOTION DETECTOR FOR ENERGY SAVING, SAFETY AND COMFORT



LUXOMATIC AL5-LC 500



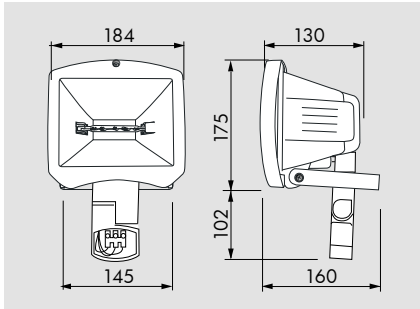
white



black



Fluo lamp



TECHNICAL DATA

- 230 VAC ±10 %
- IP44 / Class I / CE
- L 160 x W 184 x H 277 mm
- 20°C to +40°C
- made of die-cast aluminium

Lamps (included)

- R7s (118 mm) max. 400 W

Channel 1 (light control)

Data depending on sensor used

PRODUCT INFORMATION

- LUXOMATIC 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 65, 66!
- ▶ Remote controls on pages 57, 58!

ACCESSORIES (OPTIONAL)

IR-LC-plus



(to be ordered separately)

IR-LC-Mini



(to be ordered separately)

LC-plus-280



white

black

Energy and environment balance sheet see page 32

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

Saving energy through twilight-dependent light switching



■ Automatically switching the light with integrated photocell



House entrances

Garages

House entrances

Security

Staircases

Parking lots

PHOTOCELLS / CONSTANT LIGHT CONTROLS

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 and ceiling installation	46 - 50	☾
Photocells for installation in lights	51	☾
Photocells for DIN-rails	52	☾
Constant light controls for clipping on to T5/T8 tubes	53	☐

OVERVIEW OF PHOTOELECTRIC SWITCHES AND CONSTANT LIGHT CONTROLS

Photocell	Part no.	Page	Surface mounting	Ceiling mounting	Post mounting	Device installation	DIN-rail	Remotely controllable	Switching power	Switching power
CdS-T-SM	92367	46	■	–	–	–	–	■	2300 W	–
CdS-DALI/ DSI-SM	92562	47	■	–	–	–	–	–	2300 W	–
CdS-DALI/ DSI-FC	92563	47	–	■	–	–	–	–	2300 W	–
CdS-DIM-FC	92589	48	–	–	–	–	–	■	2300 W	■
CdS-SM	92369	49	■	–	■	–	–	–	2300 W	■
CdS-FC	92249	50	–	■	–	–	–	■	2000 W	■
CdS-R	92365	51	–	–	–	■	–	–	1000 W	■
TS-DD	92681	52	–	–	–	–	■	–	3000 W	■
MiniClip LR1	92320	53	–	–	–	–	–	–	–	–



LUXOMATIC CdS-T-SM



TECHNICAL DATA

- 230 VAC ±10 %
- IP54 / Class II / CE
- L 69 x W 65 x H 52 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-CdS-T

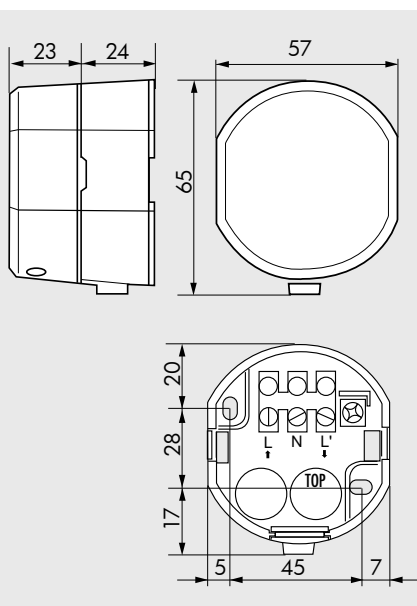
Energy-saving function: "Light off" with flexible settings (only with IR-CdS-T)

Channel 1 (light control)

- 2300 W, cosφ = 1
- 1150 VA, cosφ = 0.5
- 2 - 300 Lux

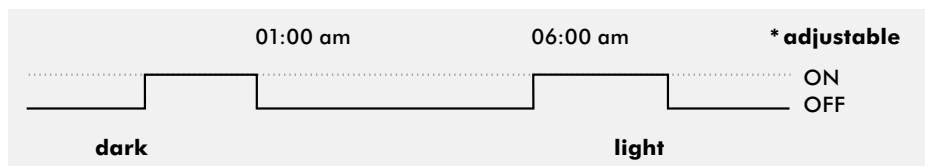
PRODUCT INFORMATION

- Remotely controllable LUXOMATIC CdS-T-SM photocell with integrated timer
- Can be remotely controlled with the LUXOMAT® IR-CdS-T – infrared remote control (included)– 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 67!
▶ Remote control on page 61!

Timer function



ACCESSORIES

IR-CdS-T



Description	Colour	Part number
CdS-T-SM	white	92367
Accessories		
LUXOMAT® IR-CdS-T	grey	92368

PHOTOCELLS / CONSTANT LIGHT CONTROLS

LUXOMATIC CdS-DALI/DSI-SM/FC



PRODUCT INFORMATION

- Remote controllable photocells LUXOMATIC CdS-DALI/DSI with an additional DALI/DSI-interface
- Surface- and ceiling mounted version
- DALI-output: digital BUS control wire, no polarity for up to 50 DALI-EB (broadcast only)
- Infrared remote control LUXOMAT® IR-CdS inter alia to dim the lights to the desired brightness value, read the current light value by pressing a key or setting the delay time
- Application examples:** ideal for entrance areas, staircases, halls where permanent light is required

- ▶ Wiring diagrams on page 67!
- ▶ Remote control on page 62!

TECHNICAL DATA

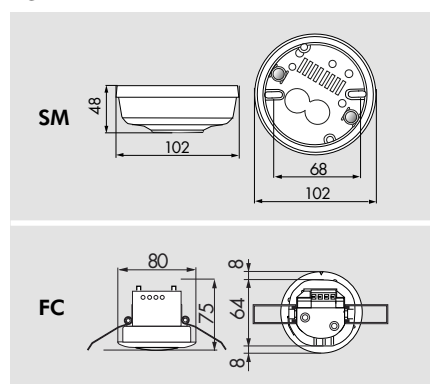
- 230 VAC ±10 %
- SM=IP54 / Class II / CEE
FC=IP20 / Class II / CEE
- SM Ø98 x H36 mm
FC Ø80 x H75 mm
- 25°C to +50°C
- made of high-quality and UV-resistant polycarbonate
- IR-CdS
- Channel 1 (light control)**
2300 W, cos φ = 1
1150 VA, cos φ = 0.5, μ-contact
- On and off delay:**
1 - 30 Min.
- 10 - 2000 Lux
- DALI Output:**
max. 50 EB



SM



FC



ACCESSORIES

IR-CdS

Wire basket

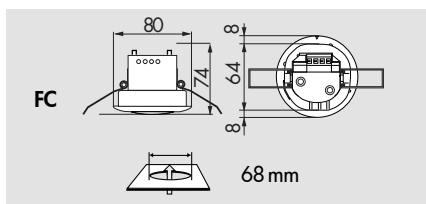


Description	Colour	Part number
CdS-DALI/DSI-SM	white	92563
CdS-DALI/DSI-FC	white	92562
Accessories (optional)		
LUXOMAT® IR-CdS (incl. wall bracket)	grey	92577
Wire basket BSK	silber	92199

LUXOMATIC CdS-DIM-FC



FC



FC

68 mm

TECHNICAL DATA

	230 VAC ± 10%
	IP20 / Class II / CE
	FC Ø 79 x H 76 mm
	-25°C to +50°C
	made of high-quality and UV-resistant polycarbonate
	IR-CdS
Channel 1 (light control)	
	2300 W, cos φ = 1 1150 VA, cos φ = 0.5, μ-contact
	On and off delay: 1 - 30 Min.
	10 - 2000 Lux
	1-10VDC, max. 50 EB

PRODUCT INFORMATION

- Remote controllable photocell LUXOMATIC CdS-DIM-FC as dim version for ceiling installation
- An easy and cost effective way to realize a constant light control
- 1 dim output with 1-10VDC interface to control electronic ballasts
- Infrared remote control LUXOMAT® IR-CdS inter alia to dim the lights to the desired brightness value, read the current light value by pressing a key or setting the delay time
- **Application examples:** ideal for entrance areas, staircases, halls where permanent and dimmed light is required

- ▶ Wiring diagrams on page 67!
- ▶ Remote control on page 62!



PHOTOCELLS / CONSTANT LIGHT CONTROLS

ACCESSORIES

IR-CdS Wire basket



Description	Colour	Part number
CdS-DIM-FC	white	92589
Accessories (optional)		
LUXOMAT® IR-CdS (incl. wall bracket)	grey	92577
Wire basket BSK	grey	92199

LUXOMATIC CdS-SM



TECHNICAL DATA

- 230 VAC ±10%
- IP54 / Class II / CE
- 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 VA, cosφ = 0.5
- On and off delay:**
1 - 120 s
- 2 - 2000 Lux

PRODUCT INFORMATION

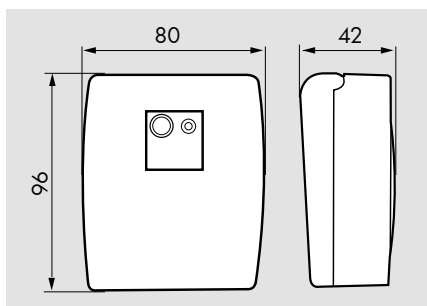
- LUXOMATIC CdS-SM photocell for automatically switching lighting
- Light value and activation/deactivation delay may be set from the outside using the potentiometer
- LED setting aid (no delay)
- Activation and deactivation delay with self-learning deactivation-light value
- Integrated automatic function (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



Double cable inlet



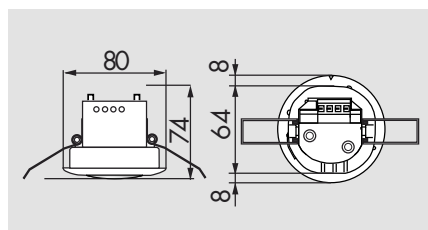
Base for mast installation (incl.)



▶ Wiring diagrams on page 67!

Description	Colour	Part number
CdS-SM	white	92369

LUXOMATIC CdS-FC



TECHNICAL DATA

- 230 VAC ±10 %
- IP20 / Class II / CE
- 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, cosφ = 1
1000 VA, cosφ = 0.5
- Deactivation delay:**
5 s - 30 Min.
- 10 - 2000 Lux

PRODUCT INFORMATION

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

- ▶ Wiring diagrams on page 67!
- ▶ Remote controls on page 63!

PHOTOCELLS / CONSTANT LIGHT CONTROLS

ACCESSORIES (OPTIONAL)

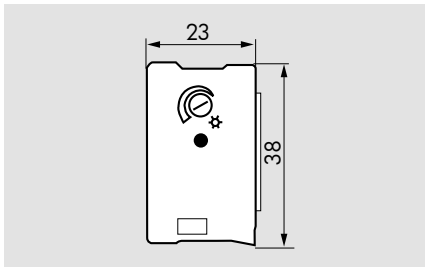
IR-CdS-FP



(to order separately)

Description	Colour	Part number
CdS-FC	white	92249
Accessories (optional)		
LUXOMATIC® IR-CdS-FP	grey	92396

LUXOMATIC CdS-R



TECHNICAL DATA

- 230 VAC $\pm 10\%$
- Housing IP20 / II / CEE
Sensor IP54 / II / CEE
- L61 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, $\cos\phi = 1$
350 VA, $\cos\phi = 0.4$
- On and off delay:**
10 - 15 s
- 2 - 300 Lux

PRODUCT INFORMATION

- LUXOMATIC 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

LUXOMATIC TS-DD



TECHNICAL DATA

- 230 VAC ±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

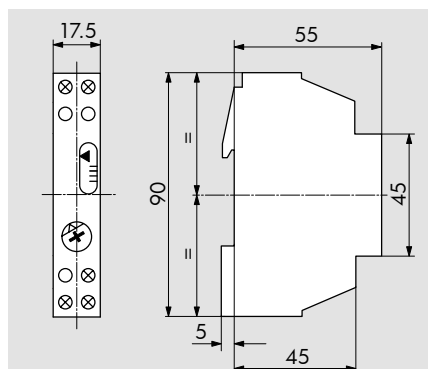
Channel 1 (light control)

- Bulb load**
1000 W, cosφ = 1
- Fluorescent lamp compensated**
600 W
- Halogen lamps**
450 W
- Activation delay:**
approx. 8 s
- Deactivation delay:**
approx. 40 s
- 1 - 100Lux / 50 - 1000Lux

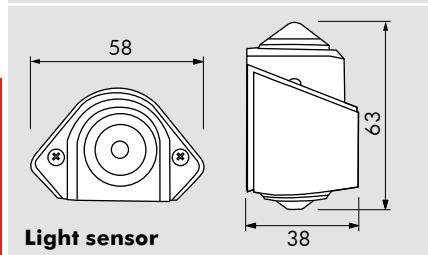
PRODUCT INFORMATION

- **LUXOMATIC 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 67!



Photocell

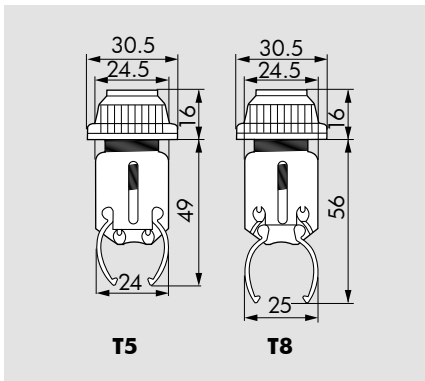


Light sensor

Description	Colour	Part number
TS-DD	white	92681

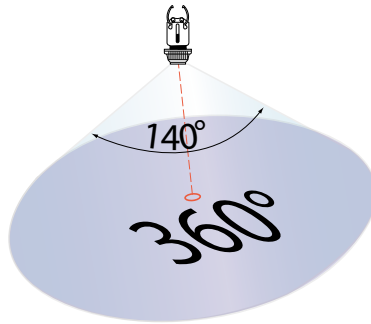
LUXOMATIC MiniClip LR1

For T5- and T8-
fluorescent lamps



TECHNICAL DATA

- 230 VAC ±10%
- 140°
- IP20 / II / CE
- 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 EB



PRODUCT INFORMATION

- Lichtsensor LUXOMATIC 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%.



PHOTOCELLS / CONSTANT LIGHT CONTROLS

Description	Colour	Part number
Mini-Clip LR1	white	92320

**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
- ... included battery and wall bracket
- ... Range: clouded approx. 5 to 6 m, sunny 2 to 3 m

Index	Page
RC-AL20	56
IR-LC-plus, IR-LC-Mini	57 - 58
IR-RC, IR-RC-Mini	59 - 60
IR-CdS-T	61
IR-CdS	62
IR-CdS-FP	63

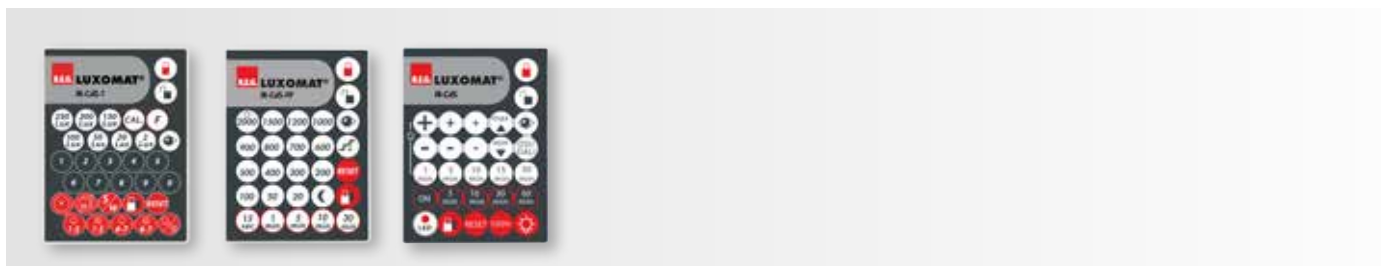
OVERVIEW OF REMOTE CONTROLS FOR LAMPS AND PHOTO ELECTRIC SWITCHES

Remote control	Part no.	Page	LT130-MD6	AL21	AL20-280-BM	AL2-RC-plus 130/230/280	AL20-280-BM-LED	ALC-B-360-FC-CO	FLC-280-LED	FL2N-LED-230	AL5-RC-plus next	AL5-LC	CdS-T-SM	CdS-FC	CdS-DALI/DSI-1C	CdS-DIM
RC-AL20	92033	56	■	■	■	—	■	—	—	—	—	—	—	—	—	—
IR-LC-plus	92095	57	—	—	—	—	—	—	■	—	—	■	—	—	—	—
IR-LC-Mini	92093	58	—	—	—	—	—	■	■	—	—	■	—	—	—	—
IR-RC	92000	59	—	—	—	■	—	—	■	—	■	—	—	—	—	—
IR-RC-Mini	92090	60	—	—	—	■	—	—	—	■	■	—	—	—	—	—
IR-CdS-T	92368	61	—	—	—	—	—	—	—	—	—	—	■	—	—	—
IR-CdS	92577	62	—	—	—	—	—	—	—	—	—	—	—	—	■	■
IR-CdS-FP	92396	63	—	—	—	—	—	—	—	—	—	—	—	■	—	—

■ REMOTE CONTROLS FOR OUTDOOR LAMPS AND FLOODLIGHTS



■ REMOTE CONTROLS FOR PHOTO ELECTRIC SWITCHES



LUXOMAT® RC-AL20

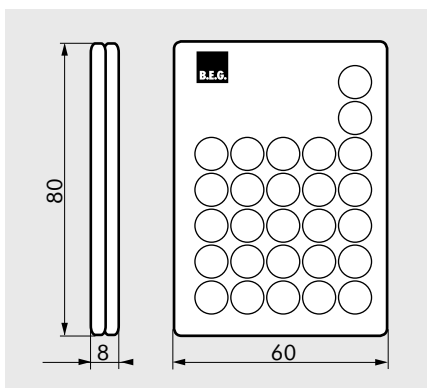


TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) 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® 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 LUXOMATIC 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 19mm).



PROGRAM FUNCTIONS

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

REMOTE CONTROLS

Description	Colour	Part number
LUXOMAT® RC-AL20	grey	92033

LUXOMAT® IR-LC-plus



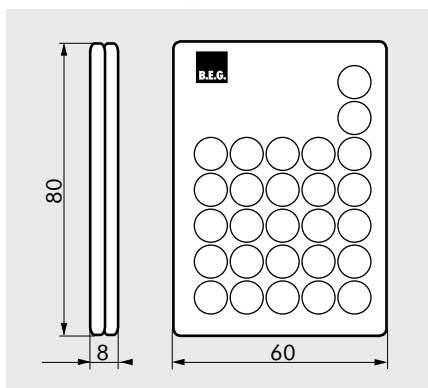
TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) depending on lighting conditions
- clouded or dark:** 5 to 6 m;
sunshine: 2 to 3 m
- L80 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!

PRODUCT INFORMATION

- Using the LUXOMAT® IR-LC-plus infrared remote control, all settings can be made comfortably from the ground without having the annoyance of setting up ladders. It is suitable for the LUXOMATIC AL21 outdoor lamps and the LUXOMATIC 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

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

Description

LUXOMAT® IR-LC-plus

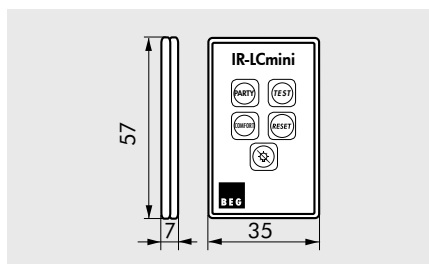
Colour

grey




Part number

92095

LUXOMAT® IR-LC-Mini



TECHNICAL DATA







-  Lithium CR2032 - 3 Volt (included) 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!

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

		<p>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)</p>		<p>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.</p>
		<p>COMFORT program Automatically switches permanent light ON for 60 minutes when previously adjusted light level is reached – presence simulation</p>		<p>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.</p>
		<p>TEST operation E.g. to measure the covered area – ideal to test the set detection ranges</p>		

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

LUXOMAT® IR-RC



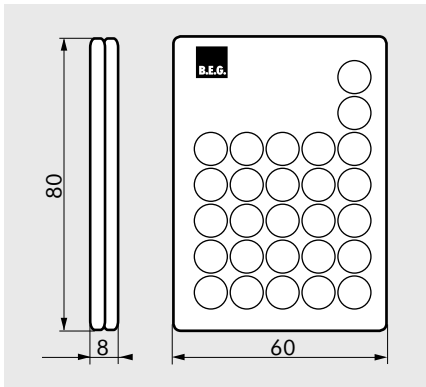
■ TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) depending on lighting conditions
- clouded or dark:** 5 to 6 m;
sunshine: 2 to 3 m
- L80 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 LUXOMATIC AL2-RC-plus outdoor lamps and the 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



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

Description

LUXOMAT® IR-RC

Colour

grey

Part number

92000






REMOTE CONTROLS

LUXOMAT® IR-RC-Mini



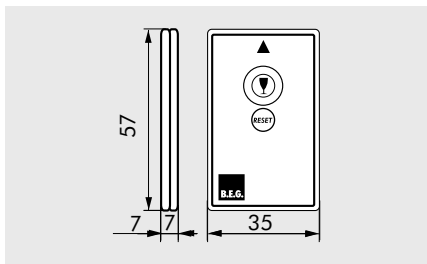
TECHNICAL DATA

-  Lithium CR2032 - 3 Volt (included) 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

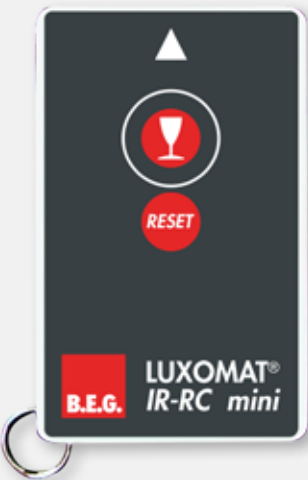


▶ The LUXOMAT® IR-RC-Mini remote control may also be used for the RC-plus next 130/230/280 and RC-plus next 230 ZW motion detectors!

PRODUCT INFORMATION

- The LUXOMAT® IR-RC-Mini infrared remote control for end users is suitable for the LUXOMATIC AL2-RC-plus, AL20-280-BM(-LED) and AL21 outdoor lamps as well as the LUXOMATIC FL2-LED-230 and AL5-RC-plus next 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.
- 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

		<p>Party program</p> <ul style="list-style-type: none"> - 1x push – switches ON the light for 12 hours - 2x push – switches OFF the light until next evening
		<p>Reset</p> <ul style="list-style-type: none"> - Resetting of all functions

REMOTE CONTROLS

Description	Colour	Part number
LUXOMAT® IR-RC-Mini	grey	92090

LUXOMAT® IR-CdS-T

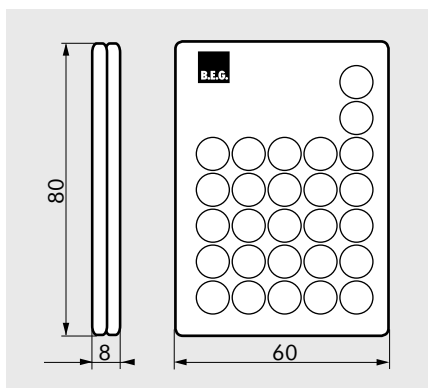


TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) depending on lighting conditions
- clouded or dark:** 5 to 6 m;
sunshine: 2 to 3 m
- L80 x W 60 x H 8 mm

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 LUXOMATIC 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 19mm).



PROGRAM FUNCTIONS

		Programmable Opening and closing – also with parental lock and security against sabotage after setting up		Automatic reading and saving of the actual light level
		Automatic timer with calendar The correct time and date are default.		Permanent tamper protection Permanent inhibition of the detector; only ON- and OFF function on the remote control possible.
		Adjustment of the time for light "ON"		Corrections of summer/winter The correction of summer and winter time is factory-made activated.
		Adjustment of the time for light "OFF"		Reset - Resetting of all functions
		7 preselected exact switch-on and switch-off values (light values) of the connected lighting		Switch on and off the lighting Independently from the ambient luminosity and energy saving period
		Activation of the time of day calibration-function		Activation of the forced shutdown between 01:00 am and 06:00 am

Description

LUXOMAT® IR-CdS-T

Colour

grey

Part number

92368

LUXOMAT® IR-CdS

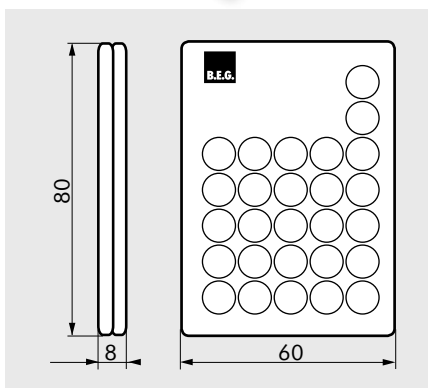


TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) depending on lighting conditions
- clouded or dark:** 5 to 6 m;
sunshine: 2 to 3 m
- L80 x W 60 x H8 mm

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 LUXOMATIC CdS-DALI/DSI 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
- 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 Opening and closing – also with parental lock and security against sabotage after setting up		Automatic reading and saving of the actual light level
		Luminance set point for constant light regulation + / - small steps + / - big steps		Permanent tamper protection Permanent inhibition of the detector; only ON- and OFF function on the remote control possible.
		Deactivation delay - 1 min to 30 min		Switching between DSI and DALI program
		Permanentes Licht bei manuellem Schalten		Reset - Resetting of all functions
		Preselected switch on times		Switching light manually
		LED-Button Activate and deactivate the walking test LED		100h-Funktion - Beleuchtung für die ersten 100 Betriebsstunden auf 100% eingestellt

Description

LUXOMAT® IR-CdS

Colour

grey

Part number

92577

LUXOMAT® IR-CdS-FP

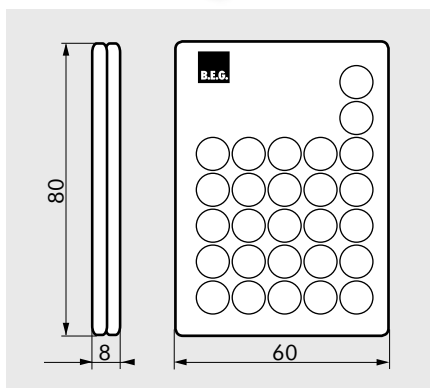


TECHNICAL DATA

- Lithium CR2032 - 3 Volt (included) depending on lighting conditions
- clouded or dark:** 5 to 6 m;
sunshine: 2 to 3 m
- L80 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 LUXOMATIC 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.
- Comes complete with a practical wall bracket (dimensions (approx.): 63 x 29 x 19 mm).



PROGRAM FUNCTIONS

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

Description

LUXOMAT® IR-CdS-FP

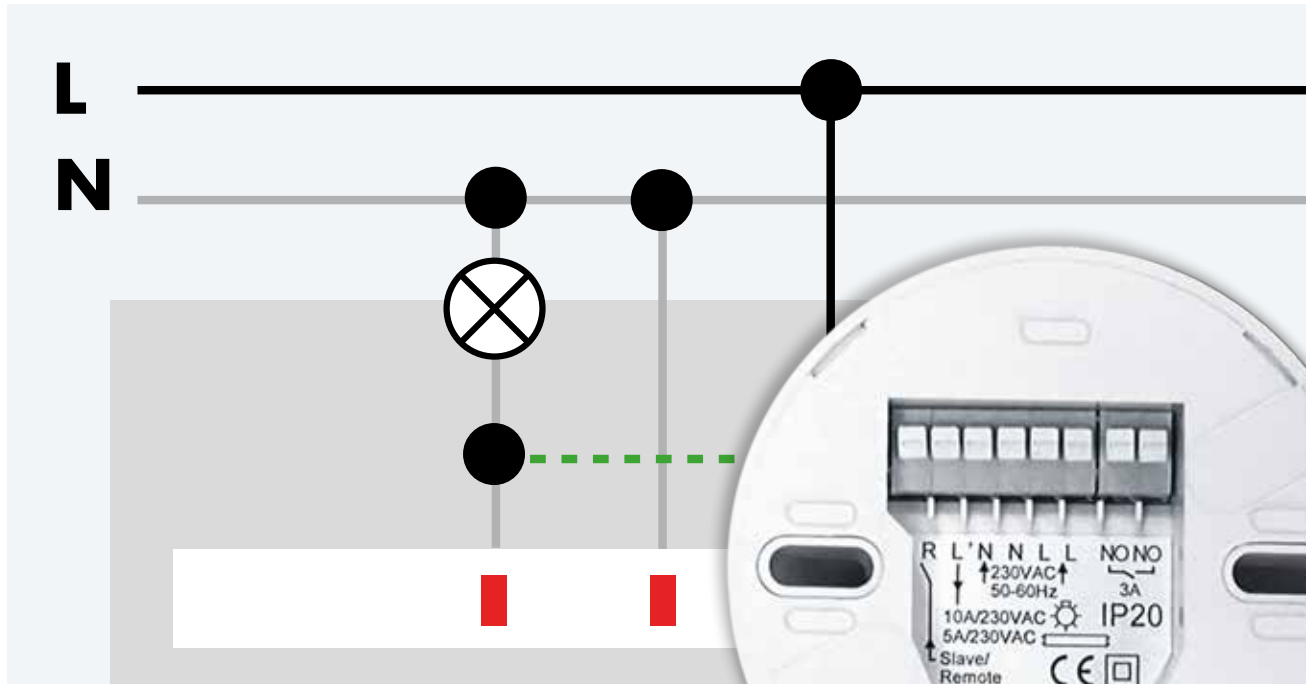
Colour

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.

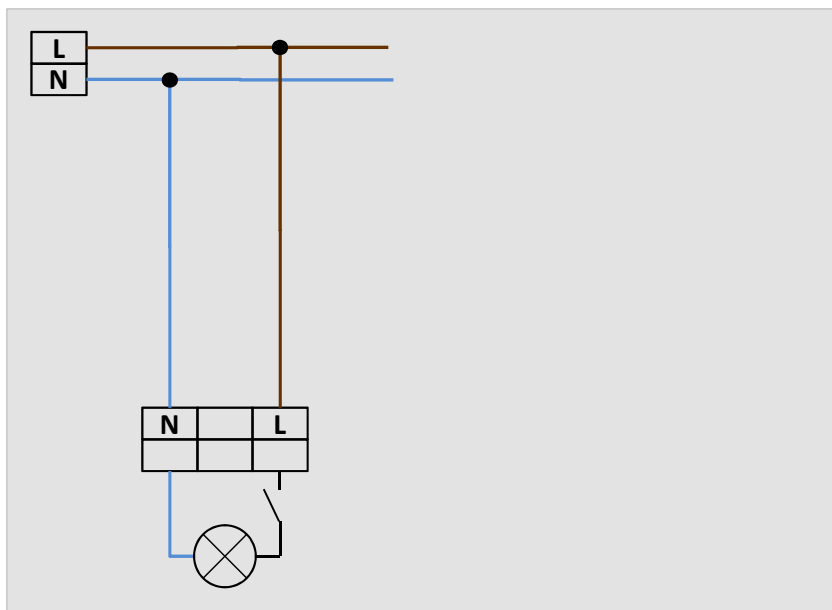
B.E.G. products are distinguished by simple installation and maintenance as through their versatility.

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

The developers at 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	65 - 66
Photo electric switches	67

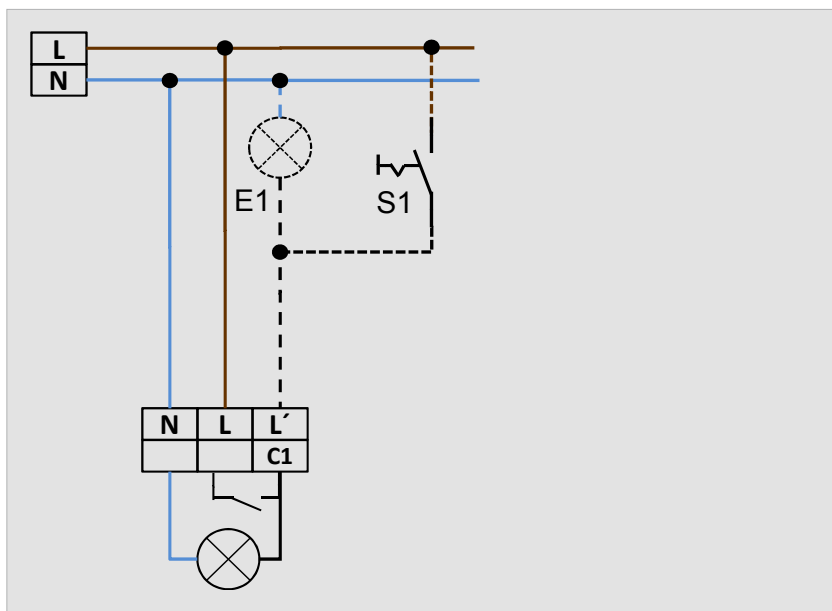
Standard mode with 1-channel motion detector



Wiring diagram for

- HF-L1
- MD10
- FLC150
- FLC500

Standard mode with 1-channel motion detector external

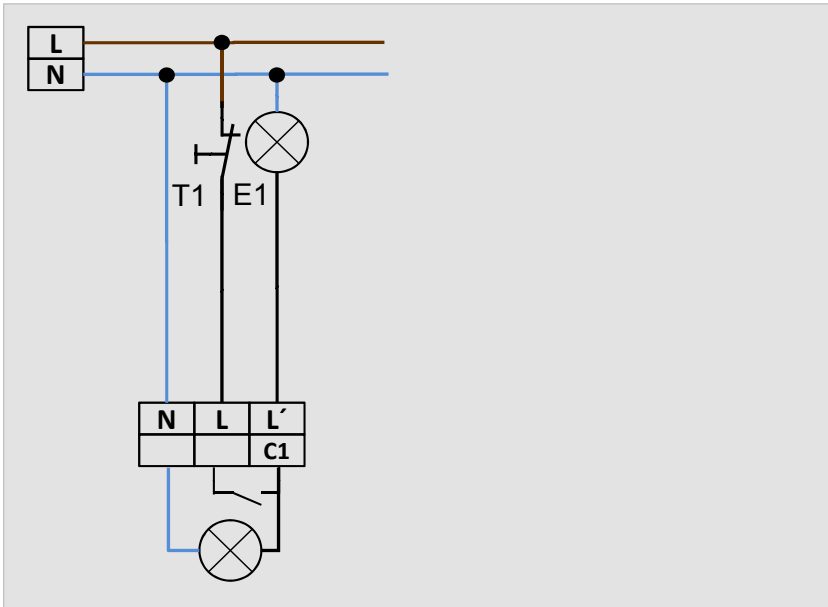


Wiring diagram for

- HF-L7
- HF-L8
- HF-L11
- AL1
- AL4
- AL21
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-FCCO
- AL2-RC-plus-130/230
- FL2N-LED-230
- FL3N-LED-130
- AL5-RC-plus next
- AL5-LC

S1 = switch for permanent light

Standard mode with 1-channel motion detector with NC pushbutton



Wiring diagram for

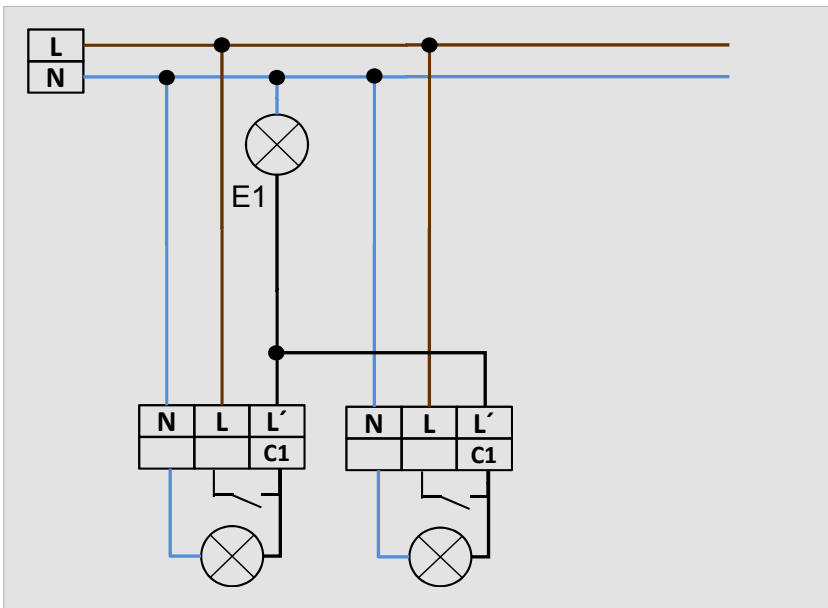
- AL1
- AL21
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-FCCO
- AL2-RC-plus-130/230/280

- FL2N-LED-230
- FL3N-LED-130
- 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



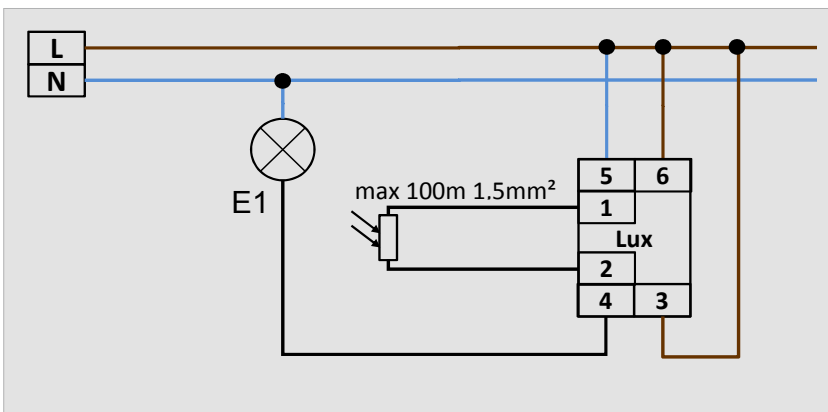
Wiring diagram for

- AL1
- AL21
- AL20-CdS
- AL20-280-BM
- AL20-280-BM-LED
- ALC-B-360
- ALC-B-360-FCCO
- AL2-RC-plus-130/230/280

- FL2N-LED-230
- FL3N-LED-130
- AL5-RC-plus next
- AL5-LC

- max. 5 parallel

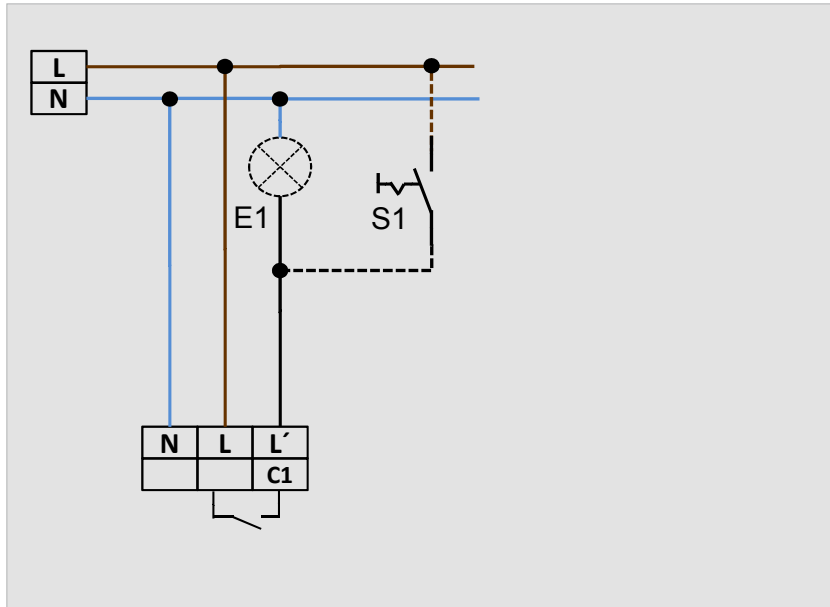
Standard mode with 1-channel photo electric switch



Wiring diagram for

- TS-DD

Wiring diagrams for photo electric switches

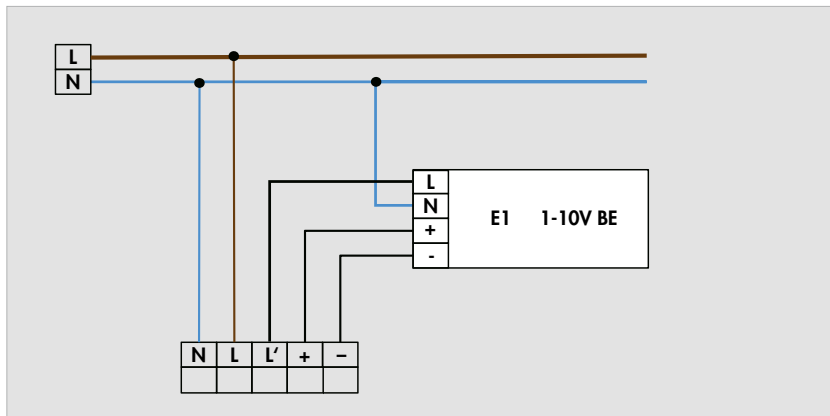


Wiring diagram for

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

S1 = switch for permanent light

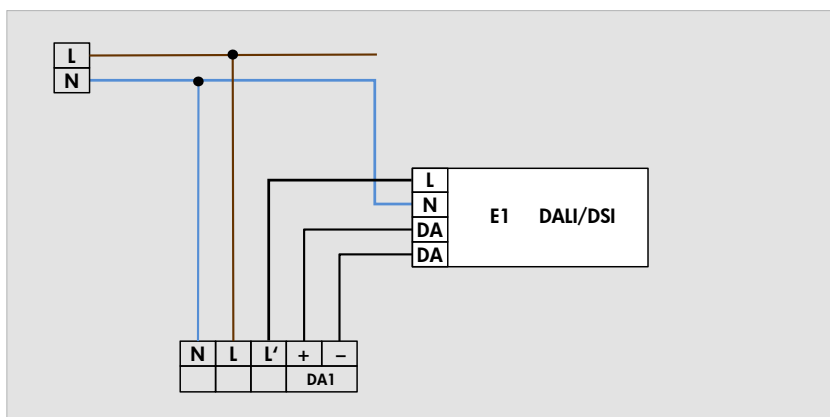
Standard mode with 1-10V



Wiring diagram for

- CdS-DIM

Standard mode with 1-channel photo electric switch



Wiring diagram for

- CdS-DALI/DSI

Part No.	Description	Prod.-Gr.	Page
10640	AL2-RC-plus SLU white (without motion detector)	2	24
10641	AL2-RC-plus SLU black (without motion detector)	2	24
10880	Arc extinction kit	6	26
22040	EL26-WA, black	4	39
22045	EL26-WA, white	4	39
31426	MD10-370	2	15
31427	MD10-590	2	15
31428	MD10-750	2	15
37849	HF-L1 O-ring (seal)	6	12
38003	Diffusor lens kit for FL2N	6	35
38004	Diffusor lens kit for FL3N	6	34
38157	LED-Lamp E27	6	12
38158	Energy-saving lamp E27	6	12
80410	AL4 130, white	2	17
80420	AL4 130, black	2	17
80421	Set of numerals (2 x 0-9)	6	17
91301	ALC-B-360-SLU, white	2	25
91305	ALC-ES Corner socket, white	6	25
91306	ALC-K-360, white	2	25
91321	ALC-B-360-SLU, black	2	25
91325	ALC-ES Corner socket, black	6	25
91326	ALC-K-360, black	2	25
91351	ALC-B-360 FC-CO SLU, white	2	30
91352	ALC-B-360 FC-CO SLU, black	2	30
91400	AL1-130, white	2	16
91401	AL1-130, brown	2	16
91402	AL1-130, black	2	16
91700	AL20-280/BM SLU, white	2	28
91705	AL20-280/BM-LED SLU, black	2	29
91710	AL20-E27 SLU, white	2	23
91720	AL20-280/BM SLU, white	2	28
91725	AL20-280/BM-LED SLU, white	2	29
91730	AL20-E27 SLU, black	2	23
91731	AL21	2	18
91740	AL20-280/BM SLU, Stainless steel effect	2	28
91745	AL20-280/BM-LED SLU, Stainless steel effect	2	29
91801	FLC-150-200, white	3	41
91802	FLC-500-200, white	3	41
91811	FLC-150-140, white	3	41
91812	FLC-500-140, white	3	41
91821	FLC-150-200, black	3	41
91822	FLC-500-200, black	3	41
91831	FLC-150-140, black	3	41
91832	FLC-500-140, black	3	41
92000	IR-RC	9	59
92033	RC-AL20	9	56
92047	AL2-RC-plus 230 SLU, Stainless steel effect	2	27

Part No.	Description	Prod.-Gr.	Page
92048	AL2-RC-plus Corner socket, Stainless steel effect	6	27
92090	IR-RC-Mini	9	60
92093	IR-IC-Mini	9	58
92095	IR-IC-plus	9	57
92249	CdS-FC	10	50
92320	MiniClip LR1	10	53
92350	Halogen floodlight 500 W, black	3	40
92351	Halogen floodlight 500 W, white	3	40
92352	Halogen floodlight 150 W, white	3	40
92353	Halogen floodlight 150 W, black	3	40
92365	CdS-R	10	51
92367	CdS-T-SM	10	46
92368	IR-CdS-T	9	61
92369	CdS-SM	10	49
92373	AL2-RC-plus Corner socket, white	6	24
92381	AL2-RC-plus 130 SLU, white	2	26
92382	AL2-RC-plus 230 SLU, white	2	27
92391	AL2-RC-plus 130 SLU, black	2	26
92392	AL2-RC-plus 230 SLU, black	2	27
92396	IR-CdS-FP	9	63
92400	AL5-RC-plus next, black	3	42
92401	AL5-RC-plus next, white	3	42
92403	AL5-IC, black	3	43
92405	AL5-IC, white	3	43
92414	AL2-RC-plus Corner socket, black	6	24
92418	AL20-ES Corner socket, black	6	23
92425	AL20-ES Corner socket, white	6	23
92562	CdS-DALI/DSI-SM	10	47
92563	CdS-DALI/DSI-FC	10	47
92577	IR-CdS	9	62
92598	FL2N-LED, black	3	35
92599	FL2N-LED, white	3	35
92626	FL2N-LED-230, black	3	37
92627	FL2N-LED-230, white	3	37
92628	FL3N-LED-130, black	3	36
92629	FL3N-LED-130, white	3	36
92702	FL3N-LED, black	3	34
92703	FL3N-LED, white	3	34
92589	CdS-DIM	10	48
92681	TS-DD	10	52
94100	SG KR/Crystal, transparent	11	20
94101	SG BB/Oslo, transparent	11	20
94102	SG DN/Bruxelles, transparent/white	11	20
94103	SG DN/Bruxelles, transparent/black	11	20
94104	SG Nuremberg, transparent/black	11	21
94105	SG Stuttgart, transparent/black	11	21
94108	SG Hamburg, matt/transparent	11	21
94110	SG Essen, matt/Stainless steel effect	11	22
94111	SG LT/Paris-transparent, white	11	22
94112	SG LT/Paris-transparent, black	11	22

Part No.	Description	Prod.-Gr.	Page
94113	SG OP/Vienna, white	11	22
94115	Globe as replacement ALCK	11	28
94440	HF-L1	17	12
94445	HF-L8	17	10
94446	L8	29	8
94447	HF-L11	17	11
94448	L11	29	9
94450	HF-L7	17	10
94451	L7	29	8

B.E.G. Brück Electronic GmbH

Schlosserstr. 30 ■ D-51789 Lindlar
Tel: +49 (0) 2266.90 121-0
Fax: +49 (0) 2266.90 121-50
E-Mail: info@beg.de
Internet: www.beg-luxomat.com

B.E.G. (UK) Ltd.

Q West, Great West Road
Brentford, Middlesex, TW8 0GP
Tel: 0870 850 5412
Fax: 0870 850 5413
E-Mail: info@beguk.co.uk
Internet: www.beg-luxomat.com

B.E.G. IRELAND

c/o Marlin Electrical Ltd
10 Vesey Place ■ Glenageary
Co. Dublin
Tel: (0)1 280 7205
Fax: (0)1 280 7776
Internet: www.beg-luxomat.com

**Motion and occupancy detectors****KNX/DALI****SMARTHOME**