

B.E.G. LUXOMAT® FL3N-LED floodlights

Operating and mounting instructions for LED floodlights FL3N-LED/FL3N-LED-130 (with 130° motion detect)

1. Product information

- Floodlight with LED technology
- suitable for outdoor installation
- sturdy housing made of die-cast aluminium with corrosion-resistant stainless-steel screws, socket made of UV-resistant polycarbonate
- FL3N-LED-130 with integrated 130° motion detector
- FL3N-LED without motion detector (disregard pt. 6-9)

2. Warning notices

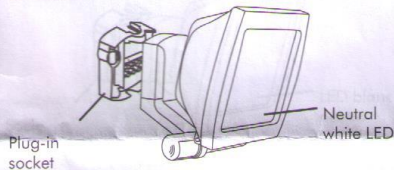
The lamp housing heats up during operation. Only carry out alignment of the LED head when it cooled down

Do not look from a short distance or a long period in the floodlight. This can lead to severe damage of the retina.

Have all work involving the 230 V mains supply carried out by a qualified electrician!

The mains voltage must be disconnected before installation.

3. Function



The LED-floodlights LUXOMAT® FL3N-LED-130 are suitable for outdoor use. They possess a solid, water and dust resistant housing of diecast aluminium with corrosion-resistant stainless screws.

There are numerous application examples, for instance for lighting of inner rooms, car parks, lawn, shopping center and tunnels...

4. Mounting preparations

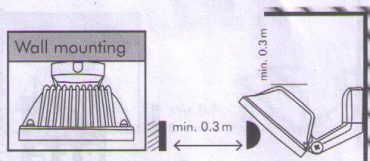
Please pay attention to the following instructions before the installation:

- This appliance is only suitable for fixed mounting.
- Respect a minimum distance of 0.3 meter between the appliance and object or surface which has to be lit.
- The installation has to be made according to current wiring regulations.
- Replace the cracked protection glass immediately and use only original parts to substitute.

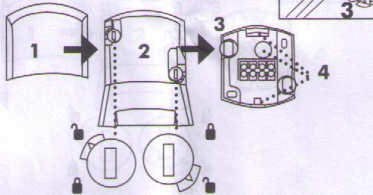
Attention:
No maintenance work on floodlight head

5. Mounting

Installation guidance



1. Remove cap
2. Open bayonet nut
3. Mount connection base in the correct position
4. Mains lead

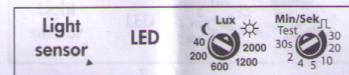


Attention: Mounting on wall and ceiling is possible

6. Putting into operation / Settings

Self test cycle

After mounting and connecting the 230 VAC supply voltage, the LED flashed for 1 min. to show a self testing unit. Then the unit is ready for operation and the settings can be made manually.



LED Functional display
Display of movements and operating states

Twilight-switch "Lux"
The switch-on value for the light can be set at between 5 and 2000 lux. Using the rotary control, the luminance set points can be set as desired.

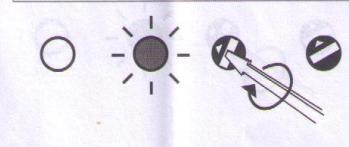
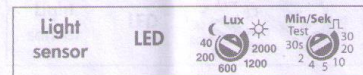
Symbol Day operation, light sensor is inactive, it switches on/off regardless the light level

Follow-up time "Min/Sec"
The time can be set infinitely variably at between 30 seconds and 30 minutes.
Symbol impulse < 1 sec.
Symbol **TEST**: Test mode
(Every movement switches on the light for a period of 1 second, switching it off for a period of 2 seconds regardless of the level of brightness)

7. Switch-on value

The current light value can be found out with the LUX adjusting screw in position "test".

The red LED flashes when switch-on value is undershot and it goes off when switch-on value is exceeded.

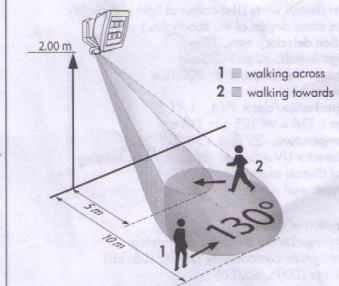


8. Alignment of sensor head

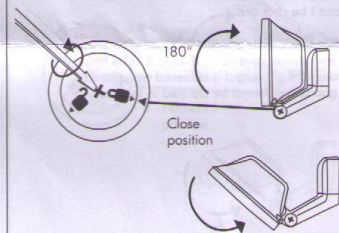


Range and detection area, respectively, can be changed by turning the sensor head.

9. Range

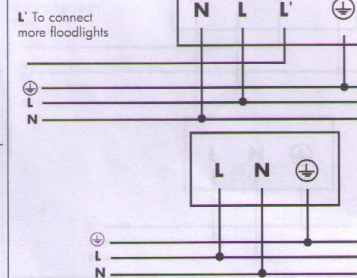


10. Free rotation of floodlight head

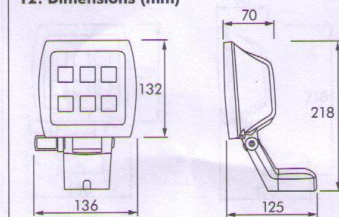


11. Wiring diagrams

The installation has to be made according to current wiring regulations.



12. Dimensions (mm)



13. Article / Part nr. / Accesories

Type	Colour	Part nr.
FL3N-LED-130	black	92628
FL3N-LED-130	white	92629
FL3N-LED	black	92702
FL3N-LED	white	92703

Kit diffusing lense FL3N 38004

For an optimum illumination **B.E.G.** offers diffusing lenses, which can easily be clipped on the floodlight.

14. Technical data

Power supply: 110-240 VAC, 50/60 Hz
 Total power consumption: 14 W
 Light output: 1050 lm
 Energy efficiency class: A
 Switching power: 1000 W, $\cos \phi = 1$
 500 VA, $\cos \phi = 0,5$
 Light colour: neutral white (The colour of light can slightly vary despite same design of the floodlights.)
 Range (motion detector): max. 10 m
 Time settings: Impuls, 30 sec. - 30 min.
 Photo electric switch: approx. 2 - 2000 Lux
 Detection area: 130°
 Degree of protection/class: IP44 / I / CE
 Dimensions: L 136 x W 125 x H 218 mm
 Ambient temperature: -25°C to +50°C
 Material: detector UV-stabilised Polycarbonate, housing floodlight of diecast aluminium
 Mounting type: wall or ceiling mounting

CE Declaration of Conformity:

This product respects the directives concerning
 1. electromagnetic compatibility (2004/108/EU)
 2. low voltage (2006/95/EU)
 3. restriction of the use of certain hazardous substances in electrical and electronic equipment (2011/65/EU)

Additional Notice:

The LED's can't be changed.

You have chosen a quality product that has been produced and tested with utmost care. Even if up to 2 LEDs fail, the indicated value of light output is achieved nevertheless. Therefore, guarantee cannot be claimed in this case.

