



gottardo LED floor lamp

This lamp contains built-in LED lamps.

94 kWh/1000h

A++
A+
A
B
C
D
E

A+

The lamps in this light can be replaced by technical staff.

874/2012

gottardo LED office floor lamp series I

Short operating instructions



gottardo-LED.swiss

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Product film on Youtube

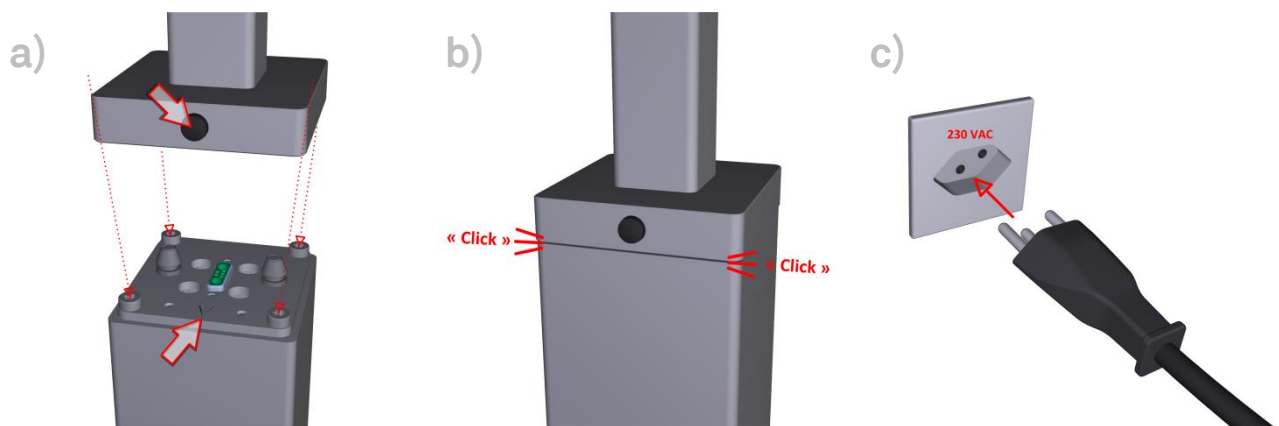
Introduction

Congratulations on your purchase of a new **gottardo LED office floor lamp**. This choice makes a valuable contribution to **saving energy** and at the same time lets you enjoy **optimum lighting** at your workplace or in your home. This high-quality product is developed and produced by S-TEC electronics AG in Switzerland.

Please visit our website for more information and current news.
www.gottardo-LED.swiss .

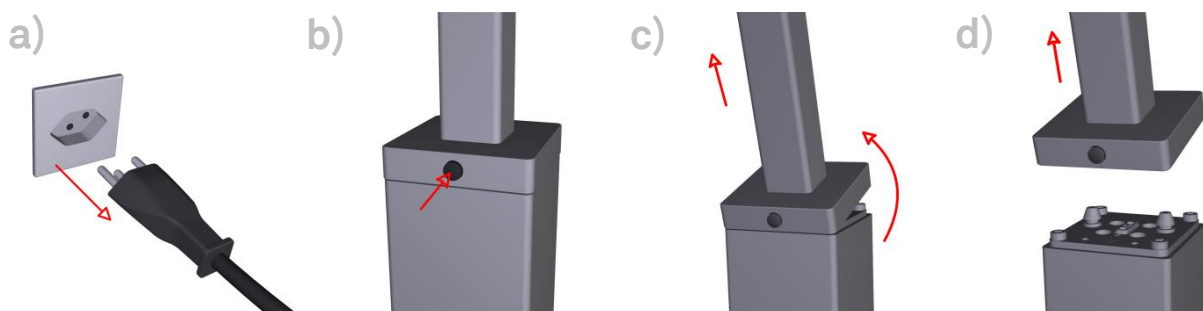
We hope you enjoy your **gottardo LED office floor lamp**.

Assembly



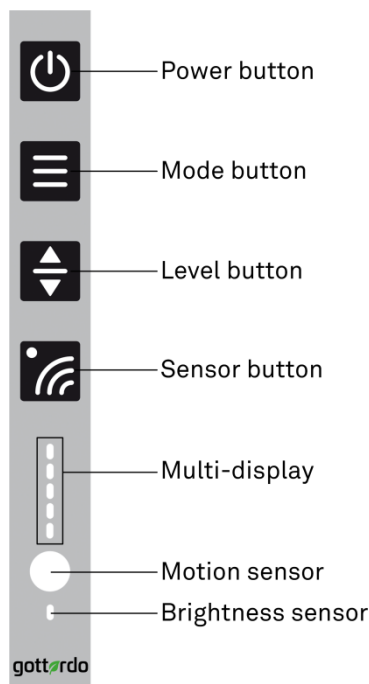
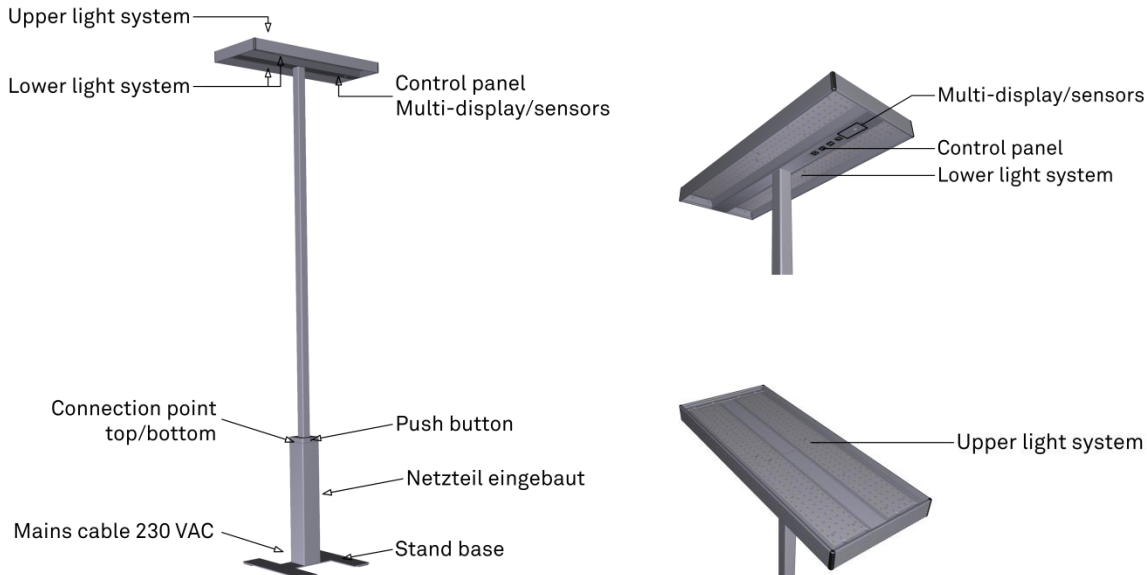
- Align the push button over the arrow, then place the lamp head on the base.
- Gently push it into place until you hear a “click”.
- Plug the lamp into an electrical outlet.

Disassembly



- Disconnect the lamp from the mains - pull the plug.
 - Firmly press the push button and pull the top part of the lamp up
→ It can help to weigh down the base of the lamp
 - Gently tilt the top part of the lamp forward to detach it.
 - Remove the top part of the lamp.
- Note: The centre of gravity shifts as soon as the parts are detached.

Overview



The lamp is operated via touch buttons. These buttons do not have to be operated mechanically - it's enough to touch each field. Each button also has a translucent blue LED which indicates the function.

The multi-display is designed to inform the user of scene changes, settings, etc. This information is provided by the five orange LEDs which light up in predefined patterns. A more detailed explanation is provided later in this document.

The two sensors also help save energy. The motion sensor analyses its environment (approx. 2 m) and responds to movement. If no movement is detected during the defined time, the lamp automatically dims to save energy. You can choose between 5 predefined times and 2 different modes.

The brightness sensor measures the ambient brightness to adjust the amount of artificial light. If there is sufficient daylight, for example, the lamp automatically dims. The maximum and minimum settings are automatically adjusted to the selected dimming level.

Power button



The lamp is switched on and off with the power button. If the button is held down for longer, the scene is dimmed. The dimming range of the lamp has a lower limit, meaning that the lamp cannot be dimmed to “zero”. This limit depends on the currently selected scene. The built-in memory stores the selected brightness separately for each scene and remembers it next time the scene is activated, even in the event of a power failure. All scenes can therefore be customised to meet individual needs.

If the button is pressed for more than 20 seconds, the lamp is reset to the factory settings.

If the button is pressed for more than 30 seconds, the blue LED stops flashing in standby mode. Conversely, you can reactivate flashing of the LED by pressing the button again for more than 30 seconds.

Mode button



The mode button is used to select 5 different lighting scenes. The selected scene is displayed on the multi-display.

A short tap switches to the next lighting scene. If the button is pressed a little longer (>1 second), the previous scene is activated. The selected lighting scene is stored in memory, even in the event of a power failure.

If the button is pressed for more than 5 seconds, the factory setting for the current menu is activated. 5 seconds after pressing a button, the multi-display always shows the current mode.

Level button



The lamp is dimmed with the level button. Pressing and holding dims or brightens the lamp gradually. The lamp switches to the maximum or minimum dimming level when the button is briefly pressed.

The direction of dimming (up or down) changes each time the button is pressed.

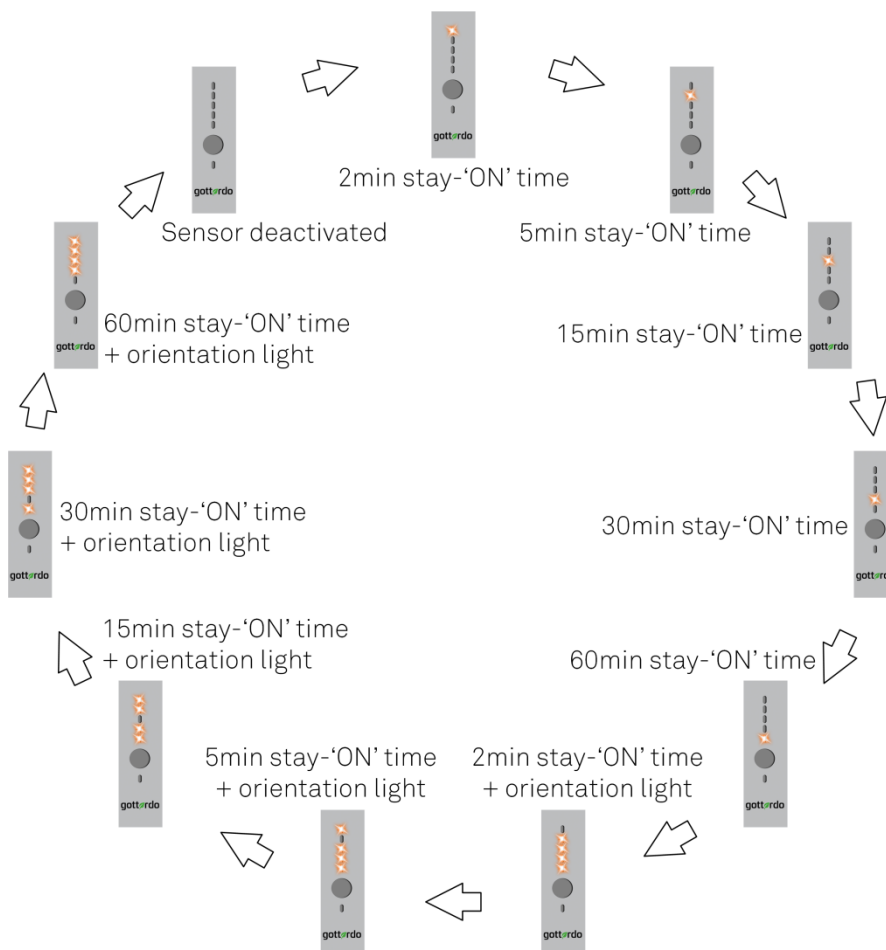
Sensor button



Stay-'ON' time and orientation light function can be set. The stay-'ON' time is reset each time movement is detected. If there is no movement in the detection range of the lamp and the stay-'ON' time has elapsed, the lamp dims to dark within 2 minutes.

The orientation light ensures that the lighting intensity does not fall below a minimum level. However, this only switches on once the stay-'ON' time has elapsed.

When movement is detected, the lamp switches from the orientation light to the last lighting scene selected. Tapping the sensor button on the multi-display shows the settings of the motion sensor. The stay-'ON' time can be changed within 5 seconds by tapping again. This is done following the steps in the diagram below:



The new stay-'ON' time and the orientation light are stored separately for each scene, even in the event of a power failure.

After the stay-'ON' time has elapsed, the lamp dims to dark within 2 minutes. If movement is detected again, it activates the last brightness setting within 2 seconds.

PC work lighting scene



When working on a computer screen, it is important to prevent reflections. Often daylight has to be diffused so that the windows are not reflected on the screen. Artificial light is therefore important. The luminous flux of the lower light-emitting surface is kept small so that the reflection of the lamp is not visible. The brightness in the room is generated via the upper lighting system so that the high percentage of indirect lighting is reflected on the white ceiling and diffuse, glare-free lighting is created with good distribution. This light is ideal for working on a computer screen.



Reading lighting scene



The Reading lighting scene is used when extremely high intensities of more than 2500 lux are required, for example, for highly demanding visual tasks such as quality inspection in the electronics industry or to check the colours in multicolour printing in the graphics industry. Since little light is emitted indirectly, the Reading lighting scene is also suitable if a room has a dark ceiling.



Copying lighting scene



The Copying lighting scene was developed for “printer hubs” which are often located inside buildings or in rooms without windows in open-plan offices. This scene can also be used for lighting in archive rooms. The motion sensor makes the lamp brighter and, if no movement is detected, the lamp dims to low lighting intensity so that orientation is maintained and a dark zone is not created in the room.



Eco lighting scene



The Eco lighting scene sets the power consumption to approx. 55 watts, which is sufficient for many applications. In this lighting scene, the lamp responds quickly to changes in ambient light.



Favourite lighting scene







Save your personal lighting scene in Favourite. Adjust the lamp to suit your needs and activate this setting at any time by selecting this lighting scene. In this lighting scene, the lamp responds slowly to changes in ambient light.



Troubleshooting

If the lamp detects a problem, all LED elements are switched off immediately. The blue LEDs on the control panel (behind the control buttons) flash simultaneously. This flashing indicates to the user that the lamp is in an error state and cannot be used until the problem has been resolved.

For exact identification of the error, the orange LEDs on the multi-display show an error code. The error codes have the following meanings:

Error code	Problem	Actions to take
	The internal supply voltage is not reached.	Disconnect the mains plug and wait three minutes. If the problem persists after trying again, contact the manufacturer.
	The internal supply voltage has fallen below the required minimum during operation.	Disconnect the mains plug and wait three minutes. If the problem persists after trying again, contact the manufacturer.
	The power electronics short circuit.	Disconnect the mains plug and wait three minutes. If the problem persists after trying again, contact the manufacturer.
	The lamp falls into an impermissible temperature range. If the lamp reaches a temperature of 60 °C, the output is automatically reduced to prevent further heating. The LED elements are switched off above 75 °C and below -5 °C.	Disconnect the mains plug and wait until the lamp has reached the correct temperature. Then reconnect the lamp. The error clears itself. If necessary, position the lamp farther away from heat sources.

If one of these errors occurs frequently or if the lamp can no longer be returned to its normal state, there may be a problem with the electronics. Please contact the manufacturer immediately.

Specifications

The technical data is based on measurement data from independent, accredited measurement laboratories, test centres and manufacturer specifications. The lamp meets current standards. We reserve the right to make changes. As at December 2016.

General properties

Light source	LED, light-emitting diode 200 lm/W
Installation type	Floor installation, 2-pc
Operation	Touch operation, 4 buttons
Dimming	Yes
Memory function	Yes
Motion sensor (PIR)	Yes
Daylight sensor (ALS)	Yes
Suitable for computer workstations	Yes
Lighting scenes	5
Acoustics	Absolutely silent, even dimmed
Temperature range	5-40 °C, 95%rH, non-condensing
Standards	CE, EN62493, EN55015, EN61547
Country of origin	Switzerland
Guarantee	5 year / 20 year service life

Electrical properties

Mains voltage/mains frequency	230 VAC / 50 Hz (200 – 240 VAC / 47 – 63 Hz)
Power consumption	94.1 W
Connection/wiring	Can be connected to all standard outlets, Replaceable apparatus cable with 3 m cable length
Operating unit	Switching power supply 230 VAC / 24 VDC
Energy efficiency class	A++
Service life	50,000 operating hours (L ₈₀ B ₁₀ C ₁₀), \pm 20 years

Optical properties

Light output	direct/indirect
Percentage of direct light	10%, 5-60% can be modified
Percentage of indirect light	90%, 0-100% can be modified
Luminous flux	13.957 lm
Lighting intensity	500 - 2,000 lux on working surface (0.75 m above ground)
Luminous efficacy	148.3 lm/W
Colour temperature	4,000 K
Colour rendering index (CRI)	85
Unified glare rating	9.2

Mechanical properties

Material	Aluminium powder-coated	
Colours	Silver-grey	Item no.: L108.374
	Black	Item no.: L108.375
	White	Item no.: L108.376
	Other colours upon request	
Screen/glare reduction	Acrylic glass (prismatic diffuser)	
Dimensions	Height	1.950 mm
	Lamp head W/L/H	250 x 620 x 43 mm
	Base W/L/H	350 x 350 x 4 mm
Weight	11.5 kg (17.0 kg packaged)	