

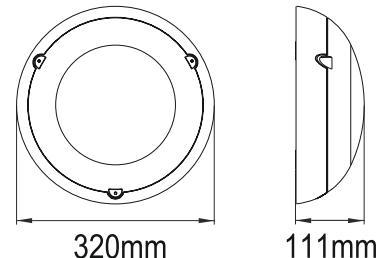
Ekomond Luna - 1L

LED CEILING LAMP INSTRUCTION

Summary

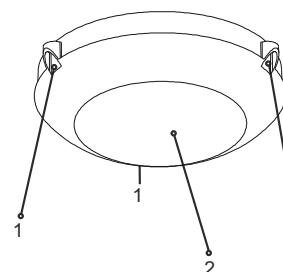
LED ceiling lamp consists of 96 pieces of LEDs with a total power of 15W and an optional high-frequency sensor to operate. LED ceiling light lamp has characteristics comparable to conventional ceiling lamp with a 100W incandescent light bulb. High-frequency sensor allows automatic turn on and off depending on presence and daylight.

This product is covered by one(1) year limited warranty, for more information please visit www.ekomond.eu



Packing list in	Quantity
Ceiling Mount Lamp LEDS 96PCS	1X
4x Plastic expansion 4x30 Screw	4X
3x Sealing ring	4X
4x12 Y type Stainless Screw	3X

1. Lampshade fixed hole
2. PC lampshade
3. Microwave sensor
4. Knob
5. Wiring
6. Threading hole



IP 44

Only for model Ekomond Luna-1L/S

Power source: 220-240V/AC
Power frequency: 50Hz
Rated load: 15W Max.
Color temperature and luminous flux:
3700-4200K (840lm) 2800-3200K (790lm)
Weight: about 1.142 kg
Lamp part
LED quantity: 96PCS
LED specifications: T5050

Standby power: <0.9W
Detection angle: 360°
Installation height: 2.5-3.5m (ceiling mount)
HF system: 5.8GHz CW electric wave, ISM wave band
Transmission power: <0.2mW
Time setting: 6sec to 12min, (adjustable)
Detection range: 1-10m (radius), (adjustable)
Light-control: 10-2000LUX, (adjustable)

Produced for Ekomond in China

Ekomond Luna - 1L

NAVODILA ZA UPORABO LED STROPNE SVETILKE

Povzetek

LED stropno svetilko sestavlja 96 kosov LED diod s skupno močjo 15W ter opcijsko visokofrekvenčno tipalo za upravljanje. LED stropna svetilka ima primerljive svetlobne karakteristike s klasično stropno svetilko s klasično 100W žarnico. Visokofrekvenčno tipalo omogoča avtomatsko prižiganje in izklop svetila glede na prisotnost in dnevno svetlobo.

Za ta produkt velja eno(1) letno omejeno jamstvo, za več informacij obiščite www.ekomond.si



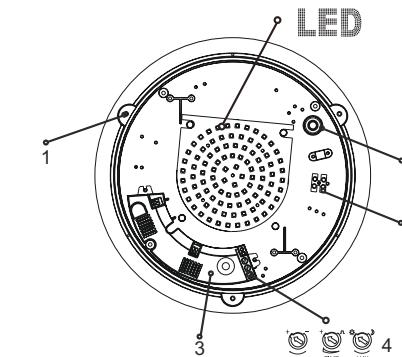
Strong UV-resistant PC lampshade strengthens the flexible retraction of light and ensures best illumination.



Materijal odporen na UV žarke in mehanske poškodbe, ki enakomerno razprši svetljivo po površini pokrova, tako da je bleščanje zanemarljivo, svetlinost pa zelo visoka.



LED svetilo prihrani tudi 90% električne energije v primerjavi z žarnicami na žarilno nitko in 50% v primerjavi s fluorescentnimi svetili.



Tehnični podatki

Napajanje: 220-240V/AC
Frekvenc: 50Hz
Nominalna poraba: 15W Max.
Barva svetlobe in svetlobni tok:
3700-4200K (840lm) 2800-3200K (790lm)
Teža: 1.142 kg
Sestavni deli svetila
Število LED diod: 96 kom.
LED oznaka: T5050

Samo za model Ekomond Luna-1L/S

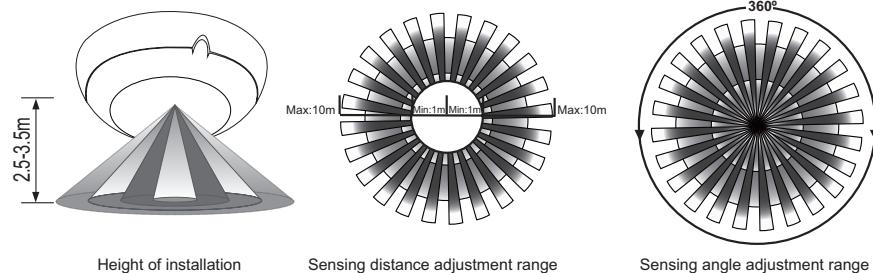
Poraba v stanju pripravljenosti: < 0.9W
Kot zaznavanja: 360°
Priporočena višina: 2,5 – 3,5m
VF sistem: 5,8GHz radijski valovi
Moč oddajnika: < 0,2mW
Časovna nastavitev: od 6 sek. do 12 min., (nastavljivo)
Zaznavanje prisotnosti: 1-10m, (nastavljivo)
Dnevna svetloba: 10-2000 lux, (nastavljivo)

Pakirni list	Količina
LED stropna svetilka LEDS 96PCS	1X
Stenski vložek Ø6mm	4X
Vijak 4x30	4X
Tesnilo Ø3mm	3X
4x12 nejavnej vijaki z Y glavo	3X

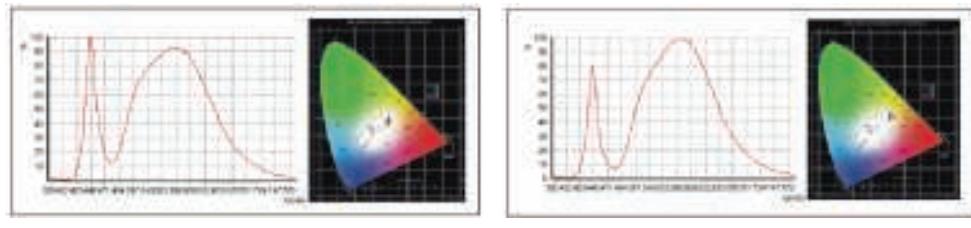
IP 44

Proizvedeno za Ekomond na Kitajskem

Sensor information (For model Ekomond Luna-1L/S)



Spectrogram



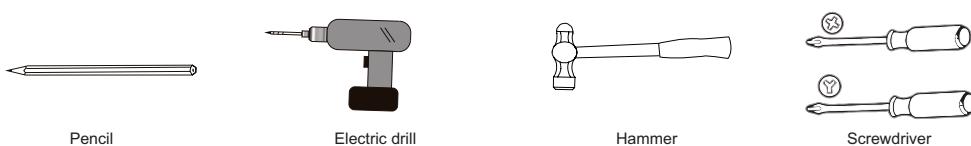
Procedure of installation



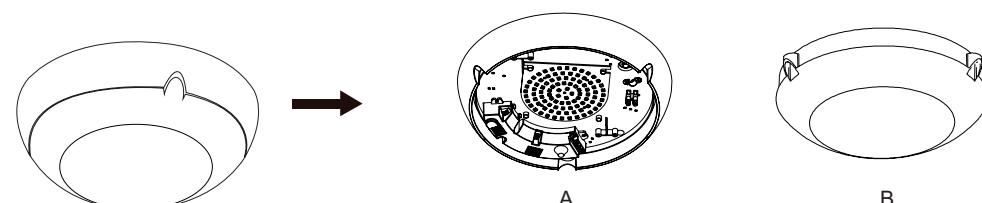
WARNING!

1. Please keep it away from the children.
2. Please avoid fire/high temperature/damp places for installation.
3. Please confirm when shut off the power cord access.

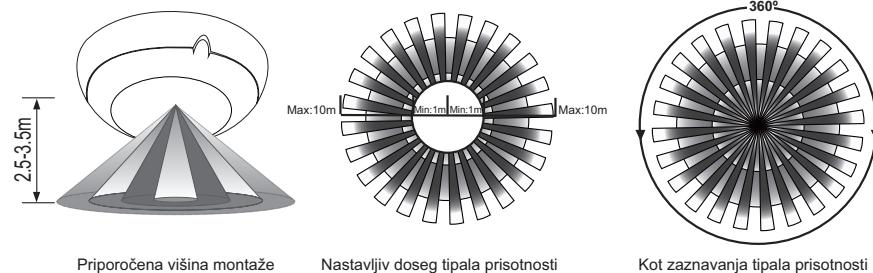
Note: Please bring the following tools



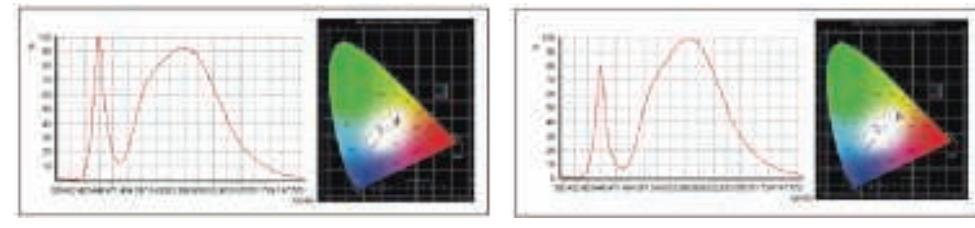
- Step 1: Turn off the screw to take down the lampshade (as follow: the product should be separated into two parts as A and B)



Podatki o tipalih (Za model Ekomond Luna-1L/S)



Spektrogram



Postopek montaže



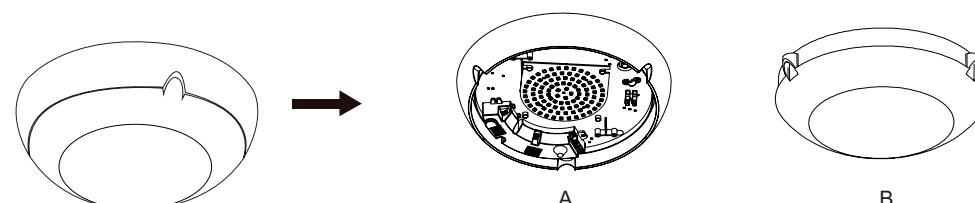
OPOZORILO!

1. Hraniti izven dosega otrok
2. Izogibajte se montaži v prostorih, kjer je nevarnost ognja, visokih temperatur ali visoke vlage
3. Preverite, da ste pred priklopom izključili električno napetost na dovodnem kablu

Opomba: Potrebovali boste naslednje orodje



- Korak 1: Snemite pokrov svetilke – proizvod se razstavi na dva dela - A in B (Slika 1)



- Step 2: Turn the knobs to the ideal conditions (as Fig.2)

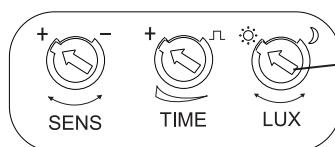
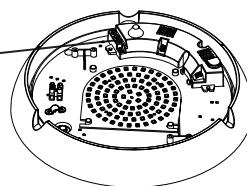


Fig. 2



Detection range setting (sensitivity) (For model Ekomond Luna-1L/S)

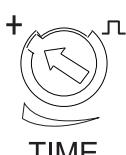


Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the detection range control fully anti-clockwise to select minimum detection range(approx.1m radii), and fully clockwise to select maximum detection range(approx. 10m radii).

NOTE: the above detection range is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection range will also change. In different cases, the sensitivity of the lights has certain deviation.

Attention: When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, to avoid the product does not work normally caused by wrong motion.Because the sensitivity is too high easily detect the wrong motion by wind blowing leaves & curtains, small animals, and the wrong motion by interference of power grid & electrical equipment. All those lead the product does not work normally! When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Time setting (For model Ekomond Luna-1L/S)



The light can be set to stay ON for any period of time between approx. 6sec(turn fully anti-clockwise) and a maximum of 12min(turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

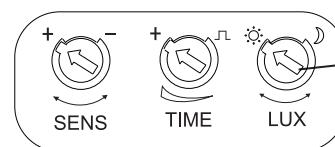
NOTE: After the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Light-control setting (For model Ekomond Luna-1L/S)

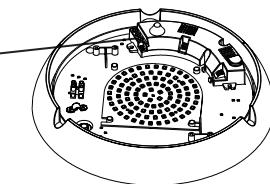


The chosen light response threshold can be infinitely from approx. 10-2000lux. Turn it fully anti-clockwise to select dusk- to-dawn operation at about 10 lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

- Korak 1: vObrnite gumb za nastavitev v osnovni položaj (Slika 2)



Slika 2



Nastavitev tipala prisotnosti (občutljivost) (Za model Ekomond Luna-1L/S)

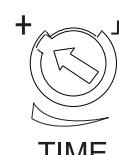


Pri višini svetila 2,5m tipalo prisotnosti zaznava premikanje v radiju od približno 1m do 10m (na tleh). Za nastavitev minimalnega radija zavrtite gumb do konca v nasprotni smeri urinega kazalca. Za nastavitev največjega radija zavrtite gumb do konca v smeri urinega kazalca.

OPOMBA: zgoraj navedeni radij zaznavanja je izmerjen za primer osebe višine med 1,6 in 1,7m, srednje postave, ki se premika s hitrostjo 1,0 – 1,5 m/s. V primeru, da se oseba ne premika ali da spreminja hitrost gibanja lahko pride do spremembe radija zaznavanja.
V različnih primerih ima občutljivost tipal različna odstopanja.

POZOR: Ob uporabi tega proizvoda nastavite tipalo na potrebno nastavitev, ne nastavite jih na maksimum v izogib nepravilnemu delovanju produkta zaradi zaznavanja napačnih premikanj. V primeru nastaviteve zelo visoke občutljivosti lahko tipalo zaznava premikanje listja ali zaves zaradi vetra, malih živali ter motnje zaradi vpliva el. omrežja in el. naprav.

Nastavitev časovnika (Za model Ekomond Luna-1L/S)



Nastavitev časovnika je možna v razponu od približno 6 sekund (zavrtite gumb do konca v nasprotni smeri urinega kazalca) v do največ 12 minut (zavrtite gumb do konca v smeri urinega kazalca). Vsako gibanje, ki ga tipalo zazna med delovanjem bo ponastavilo čas svetenja. Priporočamo izbiro nakrajšega časa za nastavitev senzorja prisotnosti.

OPOMBA: Po avtomatskem izklopu porebuje tipalo približno 1 sekundo da začne ponovno zaznavati premikanje.

Nastavitev tipala osvetljenosti (Za model Ekomond Luna-1L/S)



Tipalo zaznava osvetljenost med 10 do 2000lx. Zavrtite gumb do konca v nasprotni smeri urinega kazalca za izbiro delovanja od-jutra-do noči na približno 10lx. Zavrtite gumb do konca v smeri urinega kazalca za izbiro delovanja v dnevi svetlobi na približno 2000lx. Ob nastavljanju tipala prisotnosti zavrtite gumb do konca v smeri urinega kazalca.

- Step 3: Put the base of the product on the ceiling to make the drilling mark (as Fig.3)
- Step 4: Install the product on the place where you marked (as Fig.4)

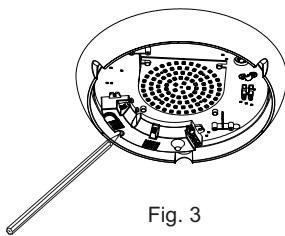


Fig. 3

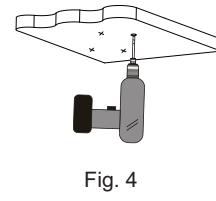
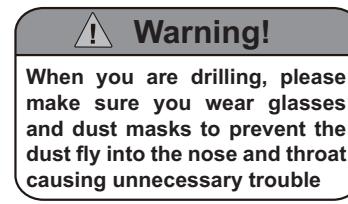
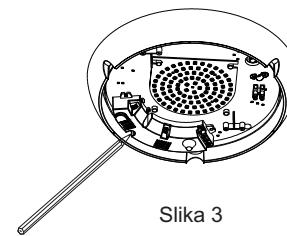


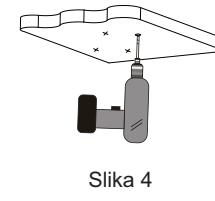
Fig. 4



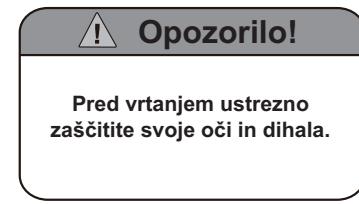
- Korak 3: Postavite podnožje svetila na strop in označite mesta vrtanja (Slika 3)
- Korak 4: Izvrtajte luknje (Slika 4)



Slika 3



Slika 4



- Step 5: Knock the plastic expansion screw into the hole which you drill (as Fig.5)
- Step 6: Put the power line through the line hole to connect on the wiring (as Fig.6)

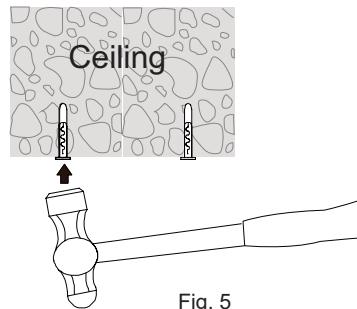


Fig. 5

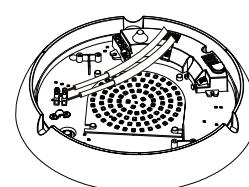
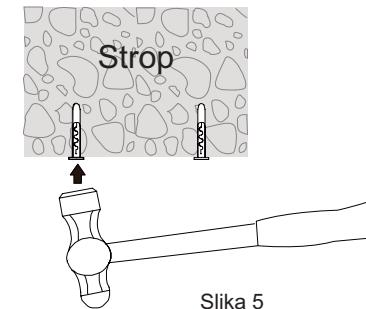
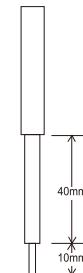
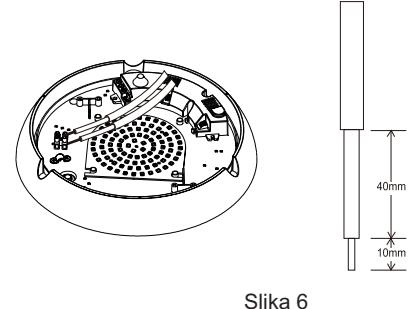


Fig. 6



Slika 5



Slika 6

- Step 7: Fix the base of the product on the selected place with the screws (as Fig.7)

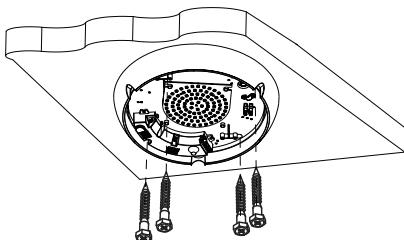
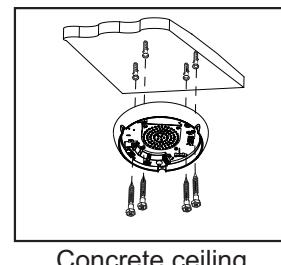
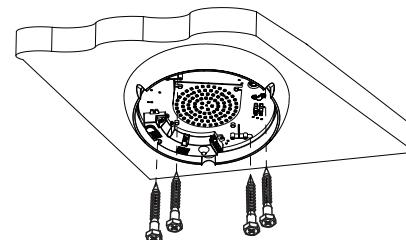


Fig. 7

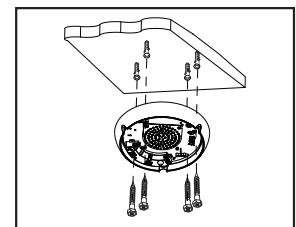


Concrete ceiling

- Korak 7: Privijačite svetilo (Slika 7)



Slika 7



Betonski strop

- Step 8: Fix the PC lampshade on the base with the screws (as Fig.8)

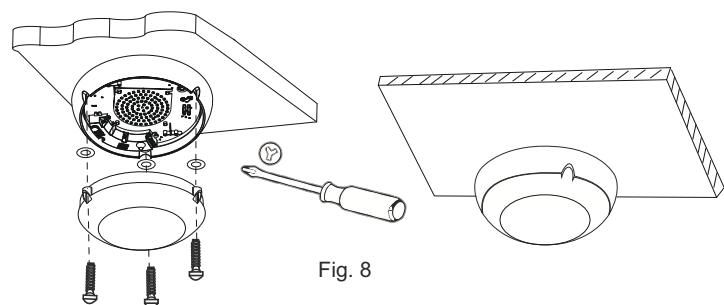
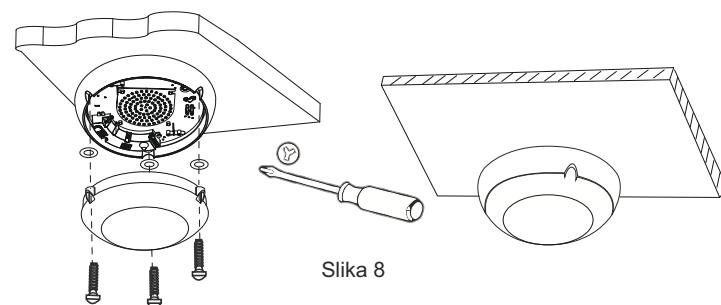


Fig. 8

- Korak 8: Ponovno pritrdite pokrov svetila (Slika 8)

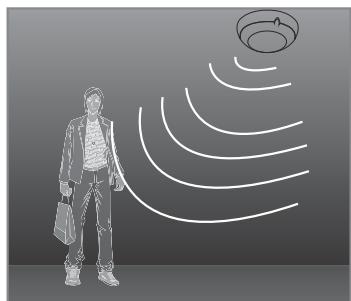
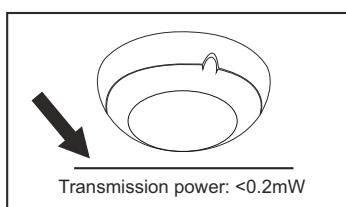


Slika 8

Fault and the solution

Fault	Failure cause	Solution
Does not work with the load	Light-illumination set incorrectly, the load is broken	Adjust the setting of the load
	The power is off	Change the load
	There is a continuous signal in the region of the detection	Turn the power on
Work all the time with the load	The sensor have not been installed correctly	Check the settings of the detection area
When there is no a moving signal work with the load	Sensors failed to pack good cause its cannot reliably detect signal	Re-install the outer covering
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area
When there is a moving signal work with the load	The moving body is too fast or the detection area is too small	Check the settings of the detection area

Note: the high-frequency output of this sensor is <0.2mW- that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



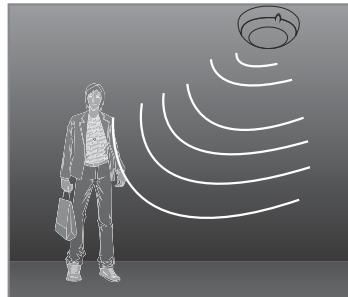
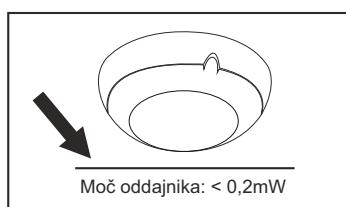
Induction of human movement

Since entering lighting condition

Napake in odprava napak:

Napaka	Vzrok napake	Rešitev
Svetilo ne sveti	Napačno nastavljeno tipalo za dnevno svetobo	Nastavite tipalo
	Ni el. toka	Vključite svetilo
	Stalen signal v dometu tipala	Nastavite tipalo
Svetilo sveti ves čas	Napačno nastavljeno tipalo	Preverite nastavitev tipala
Svetilo deluje kljub temu, da ni gibanja	Tipalo ne zaznava dobro	Ponovno pritrdite pokrov svetila
	Tipalo zaznava gibanje (za steno ali gibanje manjših objektov)	Preverite nastavitev radija zaznavanja
Svetilo se ne vklopi kljub premikanju	Telo se premika prehitro ali radij zaznavanja je premajhen	Preverite nastavitev radija zaznavanja

OPOMBA: Visokofrekvenčni oddajnik tipala ima oddajno moč manjšo od 0,2mW – to je približno 5000 krat manj kot je sevanje mobilnega telefona ali mikrovalovne pečice.



Zaznavanje gibanja



Ob zaznani prisotnosti



Application

Primer
uporabe**WARNING!**

1. The LEDS in serial can function when all the seals installed in place.
2. Please don't remove or connect with other lamp when powered on.
3. When the LEDS in serial are damaged ,you need experienced technician to repair using the same rating LEDS.

Please confirm with profession installation.

Please cut off power supply before installation and removal operations.

Make sure that you have cut off the power for safety purposes.

Improper operation caused losses, the manufacturer does not undertake any responsibility.

**OPOZORILO!**

1. Zaporedno vezani LED svelobni izvori delujejo le, če so priklučeni vsi izvori.
2. Prosimo, ne odklapljajte ali povezujte z drugim svetilom med delovanjem svetila.
3. Popravilo svetila lahko izvaja le strokovno usposobljena in pooblaščena oseba.

Priklop svetila naj izvaja le primerno usposobljena oseba.

Izklučite elektriko pred montažo ali demontažo svetila.

Prepričajte se, da je elektrika izključena iz varnostnih razlogov.

V primeru neprimernega ravnanja ali montaže svetila, proizvajalec zavrača vsakršno odgovornost.