

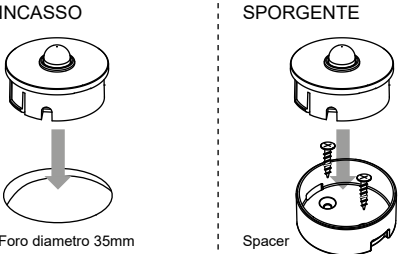
# SMART SENSOR O

## 1.1 DESCRIZIONE

Sensore wireless di movimento con soglia di luminosità e distanza di rilevamento impostabili. Funzione sensore o radiocomando attivabile tramite tasti touch.



## 1.3 VERSIONE



## 3 PROGRAMMAZIONE DEL SENSORE

Con questa procedura si programma il sensore per abbinarlo a una ricevente compatibile. Per eseguire la seguente procedura è necessario accedere alla ricevente.



## 4 USO DEL SENSORE

Il dispositivo prevede due modalità di funzionamento selezionabili:

**AUTOMATICA:** con il sensore attivo la luce si accende automaticamente quando vede un movimento e la spegne dopo il tempo impostato. Può essere impostata una soglia per evitare di accendere la luce se la luminosità ambientale è sufficiente. L'area di azione, il tempo di spegnimento e la soglia di luminosità possono essere impostati con la procedura di paragrafo 5

**MANUALE:** se il sensore non è attivo, il tasto centrale può essere utilizzato per inviare comandi:

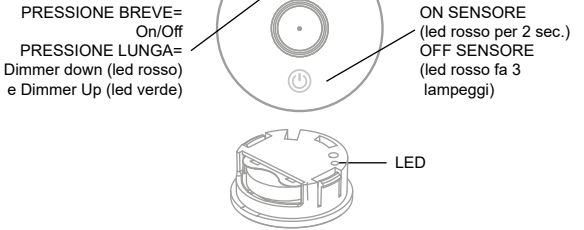
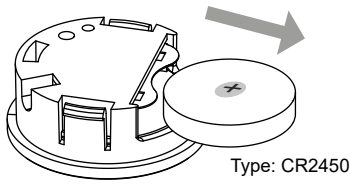
Pressione breve	Pressione lunga da luce accesa	Pressione lunga da luce spenta*
On/Off	Dimmer Down/Up	DIMMER: nessuna funzione EDC: cambio temperatura RGB: cambio colore

\* la funzione dipende dal tipo di ricevente associato allo SMART SENSOR O

## 1.2 DATI TECNICI

Alimentazione	Batteria CR 2450
Durata batteria	Circa 2 anni
Codifica	Rolling code
Frequenza radio	433.92 MHz ISM
Portata	15 m (interno di edifici)
Dimensioni	40 mm x 40 mm h 10 mm
N° di riceventi programmabili	6

## 2 CAMBIO DELLA BATTERIA

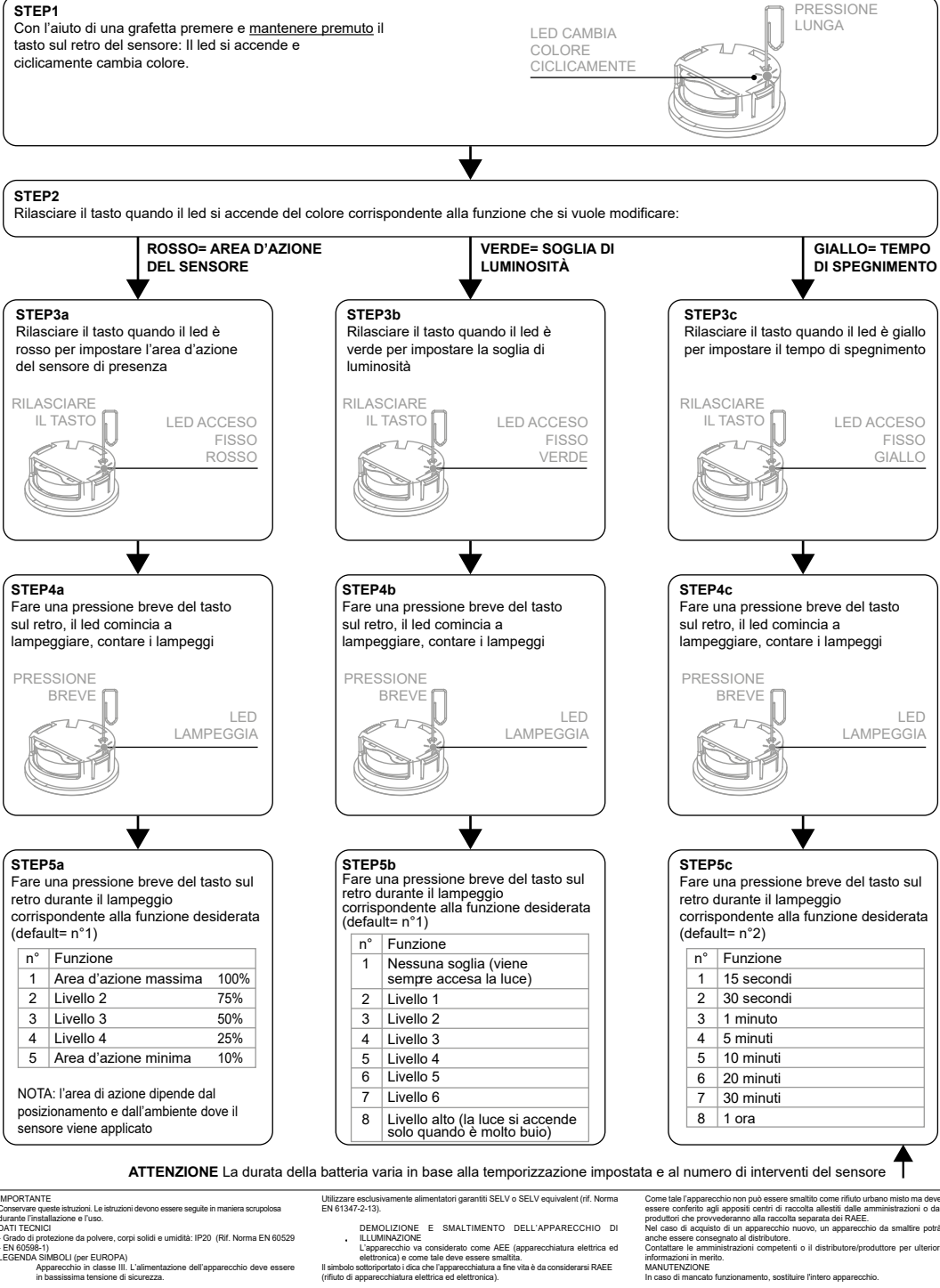


**ATTENZIONE:** per inviare comandi manuali il sensore deve essere spento (OFF)

Quando si utilizzano più SMART SENSOR O in uno stesso ambiente, la distanza tra uno e l'altro, deve essere uguale o maggiore dell'area di azione del sensore (vedi paragrafo 5)

## 5 SETTAGGI DEL SENSORE

Il sensore viene fornito con dei parametri impostati di default: AREA D'AZIONE= massima (~5mt) ; SOGLIA DI LUMINOSITÀ= non attiva ; TEMPO DI SPEGNIMENTO= 30 secondi. Questi parametri possono essere modificati con la seguente procedura:



# SMART SENSOR O

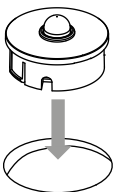
## 1.1 PRODUCT FEATURES

Motion sensor with daylight function and settable detection area.  
Two functions: sensor or wireless push button.



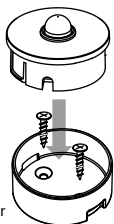
## 1.3 VERSION

RECESSED



Hole diameter 35mm

SURFACE MOUNTED

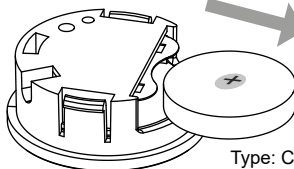


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## 1.2 TECHNICAL DATA

Power supply	Battery CR 2450
Battery life	About 2 years
Code	Rolling code
Radio frequency	433.92 MHz ISM
Range	15 m (inside buildings)
Dimensions	40 mm x 40 mm h 10 mm
N° of programmable receiver	6

## 2 BATTERY CHANGE



Type: CR2450

## 3 TRANSMITTER PROGRAMMING

This procedure is used to programme the sensor in order to then associate it with a compatible receiver.  
Access to the receiver is required to carry out the following procedure.

### STEP1

Activate the receiver on which you want to use the transmitter in (see receiver manual).

### STEP2

Send a command with the transmitter the receiver's LED flashes three times to signal it has been received.



### STEP3

The transmitter goes back into stand-by.



## 4 USE OF THE SENSOR

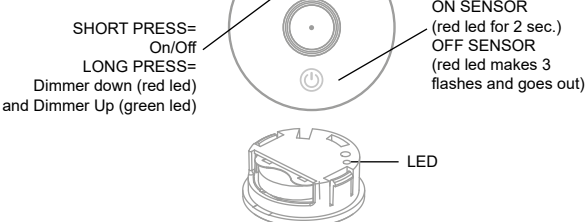
The device provides two selectable functioning mode:

**AUTOMATIC:** when the sensor is turn on, the light turn on automatically while it detects a movement and turn the light off after a pre-set time.  
It's possible to set a brightness threshold to avoid the turn on of the light if the environmental light is enough. The detection area, the timed on and the ebrightness threshold can be set with the procedure explained in paragraph 5.

**MANUAL:** if the sensor is off, the central button can be used to send a command:

Short press	Long press when the light is on	Long press when the light is off*
On/Off	Dimmer Down/Up	DIMMER: no function EDC: change temperature RGB: change color

\* the function depends of the receiver associate to the SMART SENSOR O



**ATTENTION:** to send manual command the sensor must be switch off

When using more SMART SENSOR O in the same environment, the distance between them must be equal or greater than the detection area of the sensor (see paragraph 5)

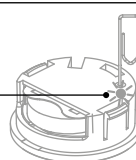
## 5 SENSOR SETTING

The sensor is supplied with pre-set parameters: DETECTION AREA= max (~5m) ; BRIGHTNESS THRESHOLD= off ; TIMED ON= 30 seconds. These parameters can be modify with following procedure:

### STEP1

With the help of a paper clip press and hold the button on the back of the sensor:  
the led turns on and cyclically changes color

LED CHANGE COLOR CYCLICALLY



LONG PRESS

### STEP2

Release the button when the led is on the color corresponding to the function that you want to modify:

RED= DETECTION AREA

GREEN= LIGHT SENSOR

YELLOW= TIMED OFF

### STEP3a

Release the button when the led is red to set the detection area of the sensor



LED FIXED RED

### STEP3b

Release the button when the led is green to set the brightness threshold of the sensor



LED FIXED GREEN

### STEP3c

Release the button when the led is yellow to set the timed on off the light



LED FIXED YELLOW

### STEP4a

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes



LED FLASHES

### STEP4b

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes



LED FLASHES

### STEP4c

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes



LED FLASHES

### STEP5a

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°1)

n°	Function	
1	Max detection area	100%
2	Level 2	75%
3	Level 3	50%
4	Level 4	25%
5	Min detection area	10%

NOTE: the work area depends on the positioning and the environment where the sensor is applied

### STEP5b

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°1)

n°	Function
1	No threshold (the sensor always turns on the light)
2	30 seconds
3	1 minute
4	5 minutes
5	10 minutes
6	20 minutes
7	30 minutes
8	1 hour

### STEP5c

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°2)

n°	Function
1	15 seconds
2	30 seconds
3	1 minute
4	5 minutes
5	10 minutes
6	20 minutes
7	30 minutes
8	1 hour

**ATTENTION:** The life of the battery depends to the set "timed on" and to the number of actions of the sensor.

### WARNING

Save these instructions. The instructions for use must be scrupulously complied with during installation and use.  
TECHNICAL DATA  
- Rating for protection against dust, solid objects and moisture: IP20 (Standard Ref. EN 60529 - EN 60598-1)  
KEY TO SYMBOLS (for EUROPE)  
Appliance in class III.  
The power appliance must be very low voltage security.

Use only power supplies guaranteed SELV or SELV equivalent. (Standard Ref. EN 61347-2-13).

DEMOLITION AND DISPOSAL OF THE LIGHTING APPLIANCE  
The appliance should be considered as EEE (electrical and electronic equipment) and must be disposed of as such.  
The symbol shown below indicates that at the end of its life the equipment is to be considered WEEE (waste electrical and electronic equipment).  
As such the appliance may not be disposed of as mixed municipal waste, but must

be taken to the special collection centres set up by the local authorities or by the manufacturers, who will arrange for the separate collection of WEEE.  
When purchasing a new appliance, an old appliance to be disposed of may also be handed over to the distributor.  
Contact the competent authorities or the distributor/manufacturer for further information on the matter.

MAINTENANCE  
In case of failure, replace the whole set.