FIXTURE

NAME	ORBITAL LEAF *"SMOKE"*

REFERENCE			
	650946	TEXT. BLACK	2700K
	650947	TEXT. WHITE	2700K
	650966	TEXT. BLACK	3000K*
	650967	TEXT. WHITE	3000K*
	650986	TEXT. BLACK	HALOSPHERE**
	650987	TEXT. WHITE	HALOSPHERE**

42
135

SPECIFICATIONS

Safe distance to object	- 0,1m -
Lamptype	Annular LED array
CCT	2700K/3000K*/3000K>1800K**
Luminous flux	1460lm/1486lm*/1230lm**
Power	12,3W/12,7W**
Current	350mA
Forward voltage	35,1V/36V**
Symbol	
Gear	Converter not incorporated
IP / Class	IP20
Application	Interior - Ceiling Mounted
Orientability	None
Dimmability	CCR, PWM dimmable/CCR dimmable**
Beamangle	120°
CRI	92/87**
SDCM	3
Weight	0.5
Installation depth / cut out 45mm Ø125mm	

INSTALLATION

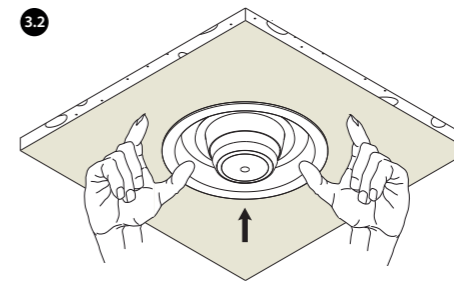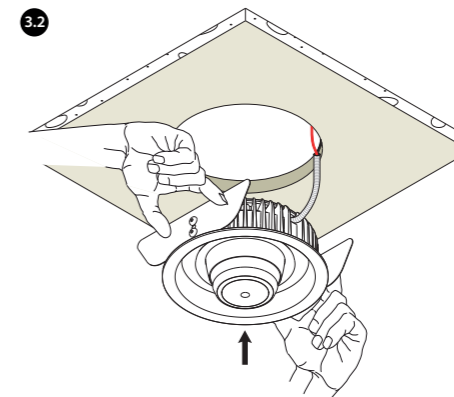**① Make hole Ø125mm (127mm)**
(min. depth hollow ceilings: 45mm)

Ø125
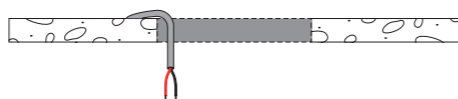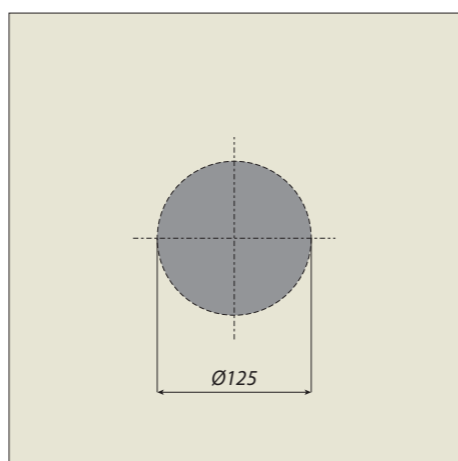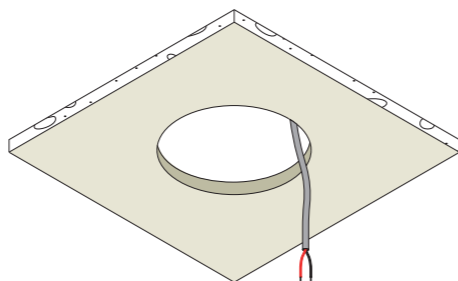
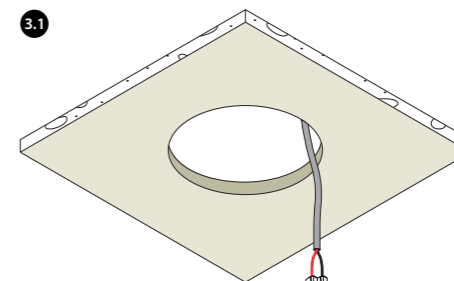**② Make electrical connection**
with two terminal blocks

from converter

⚠ **max. 350mA DC**

(+) *red = positive*   *black = negative* **(-)**
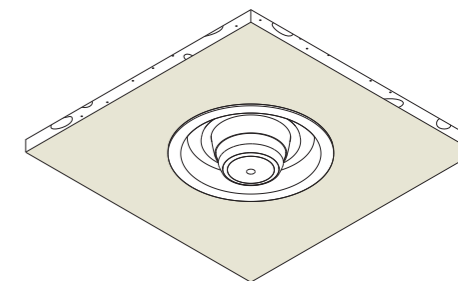
from lamp
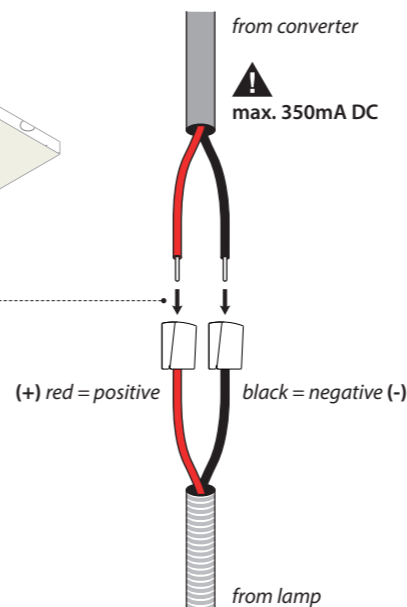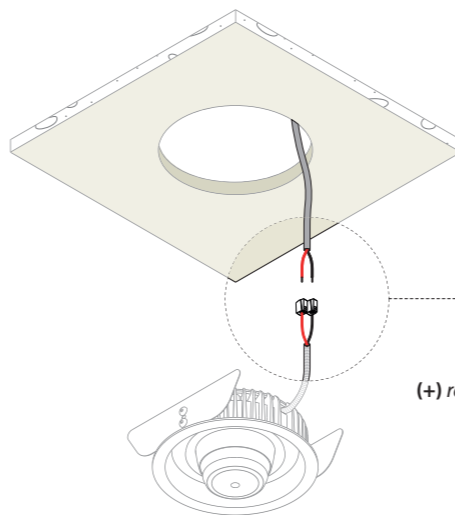
⚠ ALWAYS DISCONNECT MAINS POWER SUPPLY FROM CONVERTER BEFORE SWITCHING "ON" LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES!

⚠ AMBIENT TEMPERATURE
IN CEILING: max. 40°C

③ Deform the leaf springs by hand and
push the luminaire gently into the hole

3.1

3.2

3.2
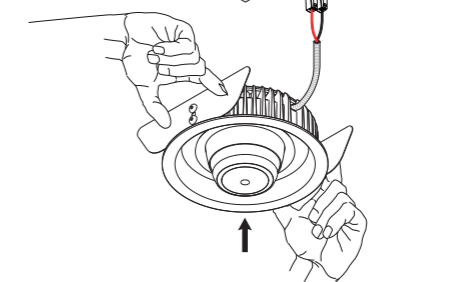
④ Switch on mains power supply

WIRELESS OPTICAL SMOKE ALARM DEVICE, TECHNICAL INFORMATION:

- the maximum number of alarms that can be interllinked within a house group are 32 (interlinked by RF: 868MHz)
- the distance between interlinked alarms depends on the house layout and they should always be tested after installation
- it is not advised to get more than 10m distance between two smoke alarms

- the alarm is powered by a replaceable 3V CR123A lithium battery
- correct operation of the smoke alarm device is ensured by use of one of the following batteries: DURACELL, PANASONIC or HUIDERUI
- in normal situations, minimum battery life is 5 years, but severe RF interferences may affect battery life of your device

- smoke alarm complies to standards: EN14604:2005 + AC:2008, EN300-220

ALWAYS CLICK SMOKE DETECTOR OUT OF ORBITAL FIXTURE BY USING THIS RING

RED LED

TEST BUTTON

⚠ THE SMOKE ALARM IS DESIGNED FOR PRIVATE HOMES, CAMPING TRAILERS, MOBILE HOMES AND CARAVANS. IT IS NOT RECOMMENDED FOR BOATS.

⚠ PLEASE READ THE USER GUIDE ON NEXT PAGE CAREFULLY BEFORE INSTALLATION AND RETAIN FOR FUTURE USE
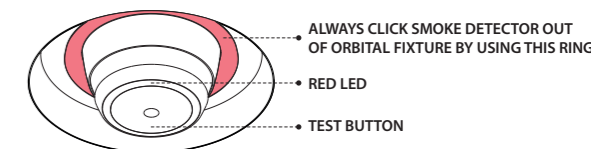
1. SETTING UP AND CONNECTING ALARMS

- Click smoke detector out of "Orbital" fixture:
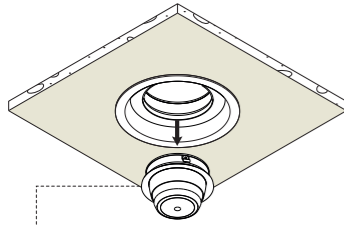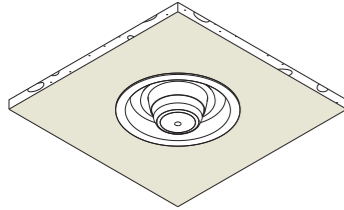
⚠ Always click smoke detector out of "Orbital" fixture by using this ring.

- Take smoke detector out of mounting ring by turning counterclockwise:

• TEST BUTTON
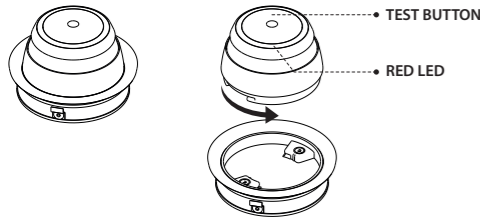
• RED LED

- Pull out the battery isolation strip:

• ISOLATION STRIP

DO NOT REMOVE THE PRODUCT LABEL
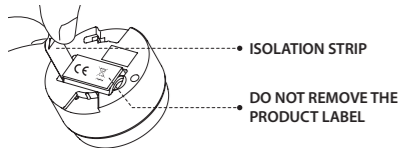
- Slide the switch on the back of the alarm to put all alarms that need to be connected in the house into "Learn Mode":
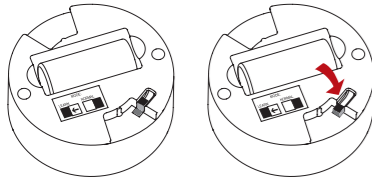
⚠ The red LED will light up to indicate that "Learn Mode" has been selected.

⚠ Do not take out battery during "Learn Mode", this will interrupt the learn process!

- Press and hold the test button at one alarm only until it beeps and the LED flashes. This alarm will become the master and will start sending out a specific house code to the other alarms:

- As the other alarms receive the specific house code, they will also flash the LED light:
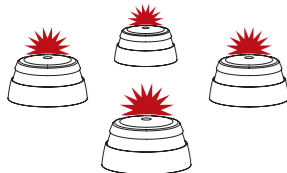
(when all alarms flash the red LED, they are connected and can be switched out of "Learn Mode" and installed)

2. PLACING THE SMOKE DETECTOR IN THE "ORBITAL" FIXTURE

- Place the smoke detector in the mounting ring by turning clockwise:
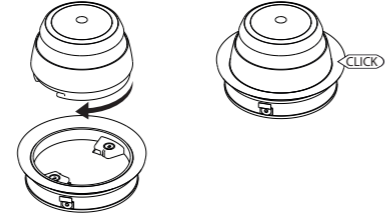
CLICK

⚠ If the battery is missing or inserted incorrectly, or if the switch is in "Learn Mode", the smoke alarm will not be able to click into the mounting ring.

- Click smoke detector in "Orbital" fixture:
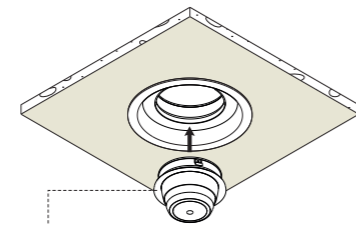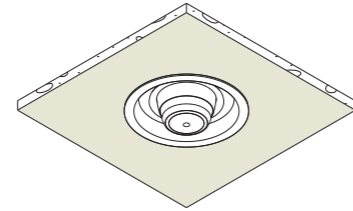
⚠ Always click smoke detector in "Orbital" fixture by using this ring.

3. THE BEST AREAS TO INSTALL SMOKE ALARMS

- Install an alarm between possible fire sources and bedrooms as a minimum.
- Install alarms on each floor of the house, in hallways and stairways.
- Alarms in each room such as bedrooms and livingrooms.
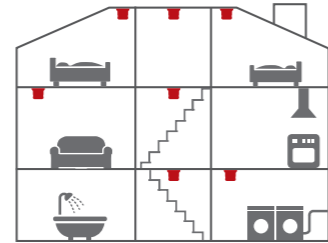
■ minimum
(additional alarms increase the security)

4. AREAS WHERE NOT TO INSTALL SMOKE ALARMS

- In dusty rooms.
- At the top of a high pointed ceiling, in ceiling corners, and within 50cm of a wall.
- In rooms where the temperature goes out side +4° to 38°C.
- In rooms where the relative humidity is above 90%, not condensing.
- Areas where either dampness, gases or smoke could occur
  (kitchens, garages, laundries, too close to fireplaces)

⚠ Place the alarm where it is reachable in order to test the battery and for maintenance!

5. PLACEMENT

- For ceiling installation:

min. 50cm from wall

⚠ min. 1 smoke alarm per floor!

- For cateral/peak ceiling or wall installation:

⚠ max. distance between smoke alarms: 10metres!

min. 30cm & max. 50cm from ceiling

min. 50cm from peak
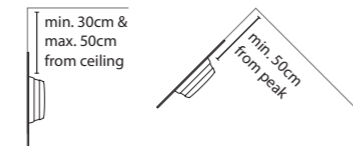
6. TEST FUNCTION

After installation, and at least once per quarter, test all of your alarms to ensure they are operating correctly and are within range of each other. It is recommended to check visually every week if the LED flashes correctly (every 48sec.).

TESTING THE ALARMS:
- Press the test button on any alarm for at least 10 seconds.
- This will send out a test signal from the alarm.
- All other connected alarms should receive the signal within a short time.
- The alarms will emit a short beep and the LED will flash every 8 seconds for 2 minutes.

⚠ "Test Function" also allows to send a depleted RF signal to ensure an optimal operation in normal conditions.

WHEN THE TEST SIGNAL IS OUT, THE ALARMS WILL RESPOND IN TWO WAYS:
1. A single beep every 8 seconds indicates that the alarms are connected and functioning.
2. Three short beeps every 8 seconds indicates a smoke sensor fault. The alarm should be cleaned by running the vacuum (on a low setting) around the smoke alarm chamber and tested again.

⚠ If required this indication can be stopped early on each alarm by a short press of the test button.

7. NORMAL MODE

In normal mode the LED will flash every 48 seconds to show correct operation.

8. ALARM MODE

When a concentration of smoke is detected, the smoke alarm will go into "Alarm Mode". It will sound the alarm signal and the LED will flash.

9. PAUSE/HUSH FUNCTION

If the smoke alarms are to set into a false alarm by cooking, fireplace, etc. they can be paused for 100 minutes by pressing the test button on the originating smoke alarm only (indicated by the flashing LED).

The reason of this is that it is necessary to locate the source of the alarm before using the hush function. This is to make sure that it is not a life threatening situation.

10. LOW BATTERY SIGNAL

Your product has a 5Y battery life. When the battery is starting its end of life, a short beep will sound out every 48 seconds for 30 days.

The alarm affected by the low battery will only beep, no other connected alarms will sound.

It is safe to change batteries in the alarms without going through the learn process again, they will not forget the codes during the battery change process.

11. BATTERY REPLACEMENT
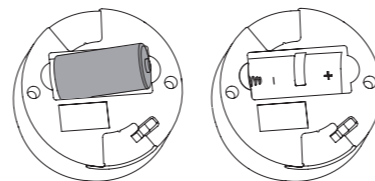
⚠ Replace the battery respecting the polarities!

⚠ Risk of explosion if the batteries are replaced by an incorrect type!

⚠ Always test the alarm after replacing the battery!

12. MAINTENANCE & TROUBLE SHOOTING

- The smoke alarm should be vacuum cleaned once per quarter, to remove dust particles, and it can be wiped with a damp cloth.
- High humidity condensing can be resolved by drying the smoke alarm.
- If the smoke alarm does not work when the test button is pushed, the probable cause is a faulty battery. Check if the battery is worn out and replace it.

⚠ Do not open the alarm!

13. OTHER INFORMATION

- Do not paint the alarm.
- Note the local country regulations regarding installation.
- Disposal: For battery and product, please dispose properly at the end of life. This is electronic waste which should be recycled.

TECHNICAL INFORMATION

- The maximum number of alarms that can be interlinked within a house groupe are 32 (interlinked by RF: 868MHz).
- The distance between interlinked alarms depends on the house layout and they should always be tested after installation.
- It is not advised to get more than 10m distance between two smoke alarms.
- The Alarm is powered by a replaceable 3V CR123A lithium battery.
- Correct operation of the smoke alarm device is ensured by use of one of the following batteries: DURACELL, PANASONIC or HUIDERUI.
- In normal situations, minimum battery life is 5 yers, but severe RF interferences may affect battery life of your device.
- The smoke alarm complies to standards: EN14604:2005 + AC:2008, EN300-220.

⚠ THE SMOKE ALARM IS DESIGNED FOR PRIVATE HOMES, CAMPING TRAILERS, MOBILE HOMES AND CARAVANS - IT IS NOT RECOMMENDED FOR BOATS!

⚠ PLEASE READ THE USER GUIDE CAREFULLY BEFORE INSTALLATION AND RETAIN FOR FUTURE USE!