VIZULO Shell Basic LED Luminaire Instruction Manual

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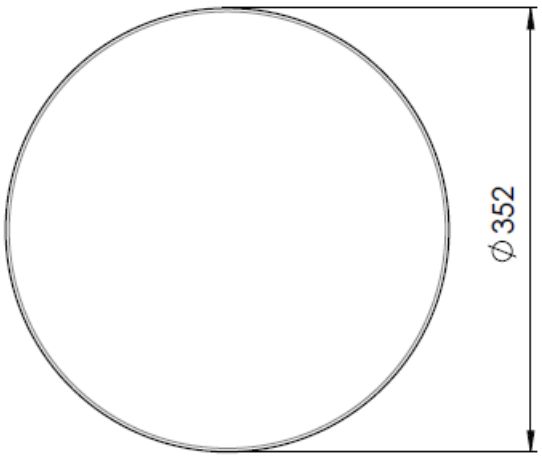
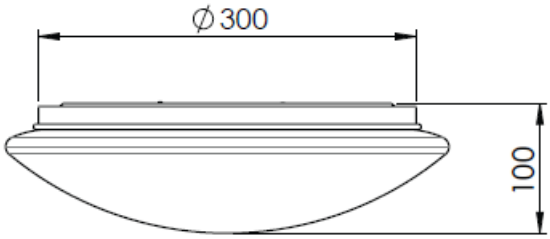
VIZULO

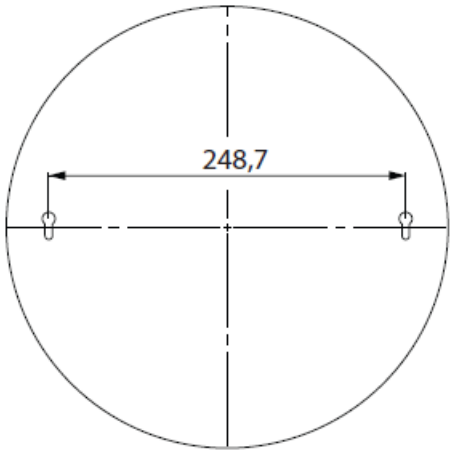
VIZULO Shell Basic LED Luminaire

Dimensions

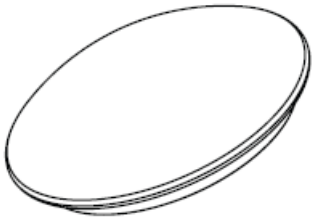




Mounting hole location



Netto Weight

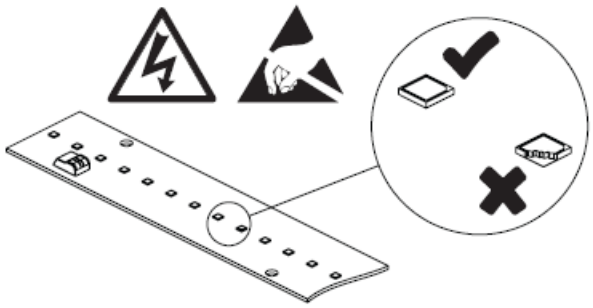


0.64 kg

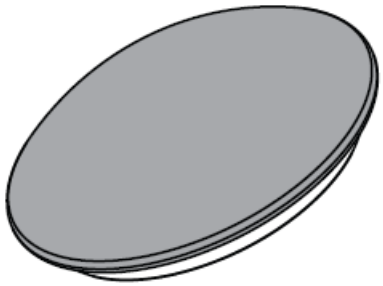
WARNING!

- Do not touch LED modules!
- Do not put any tools or other items on LED modules!

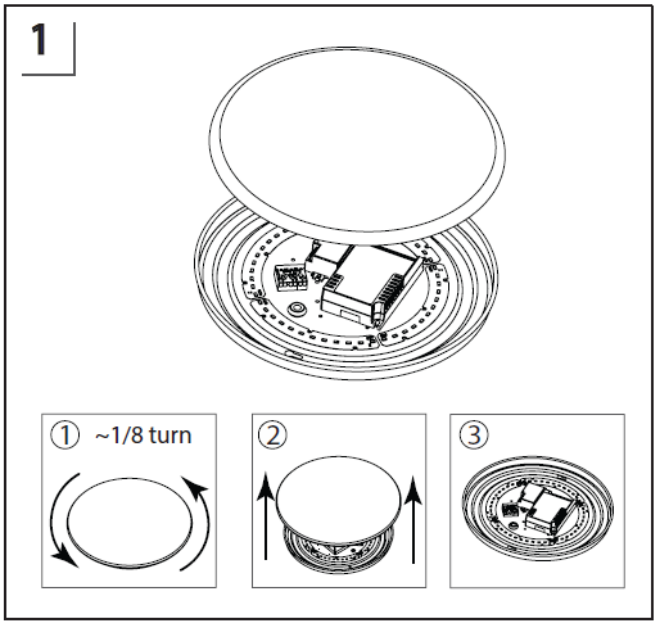
- In case any LED is physically damaged (example shown below) the warranty is void.

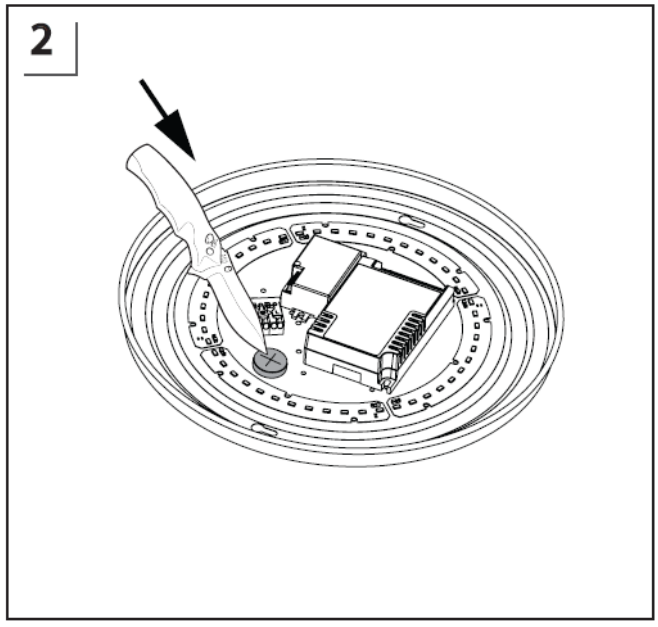


Install LED luminaire only in a clean room using gloves!
Diffuser cover may accumulate small electrostatic charges that makes it susceptible to dust and other small particles; It should only be cleaned using dry microfiber cloth or compressed air duster.



INTRUCTIONS





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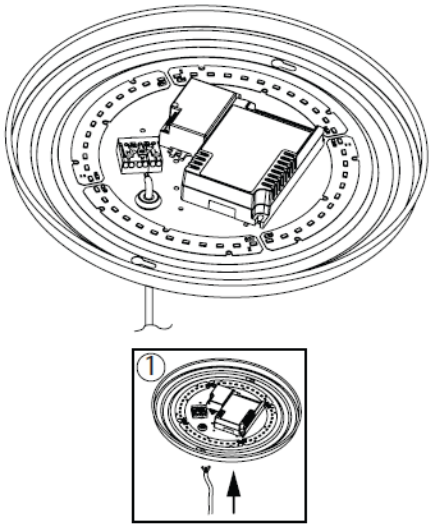

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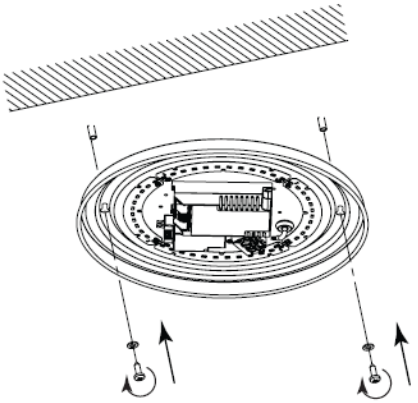
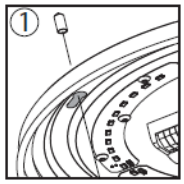
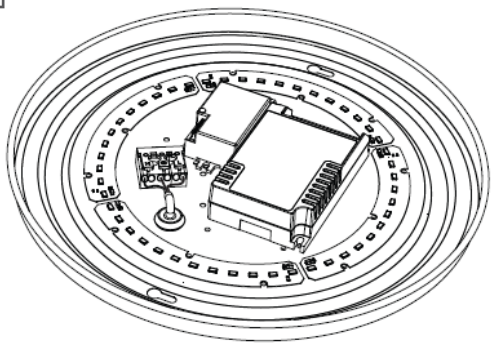
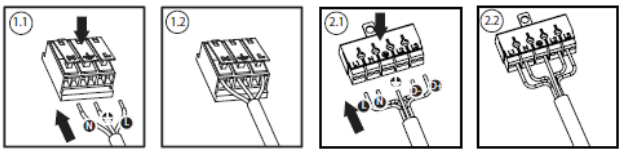




5A Class I + DALI





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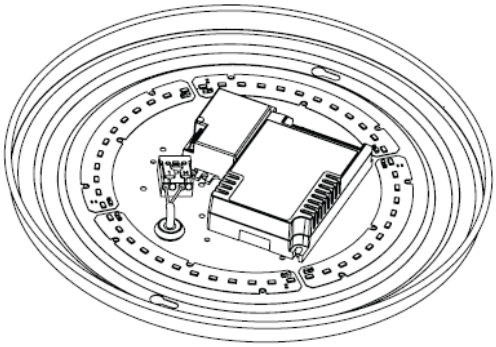
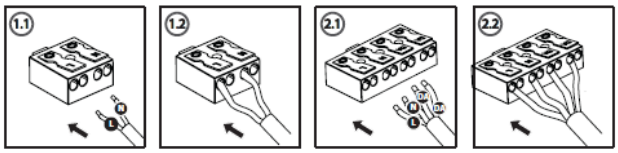
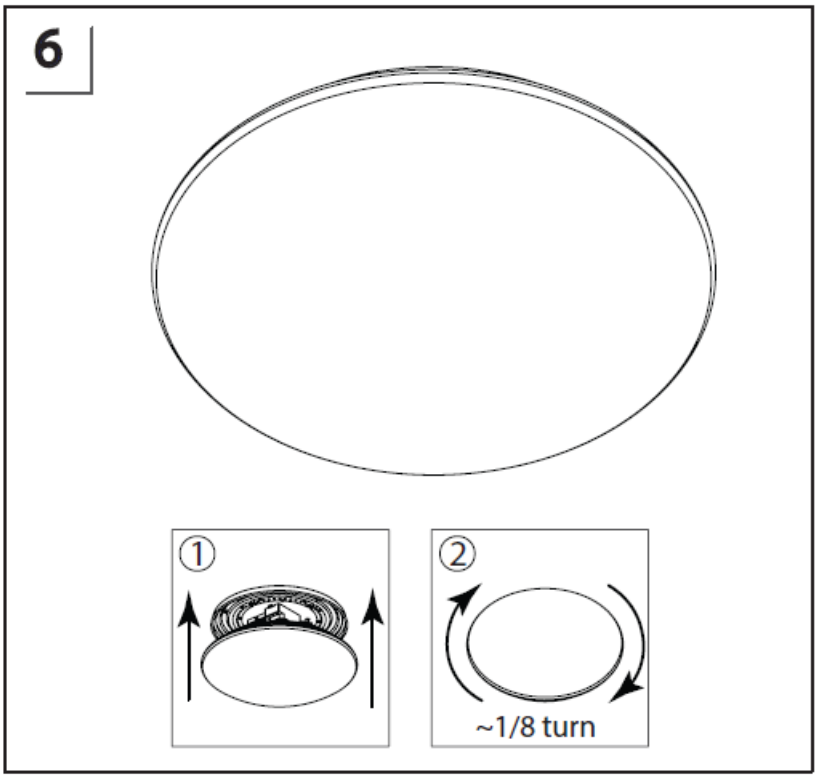
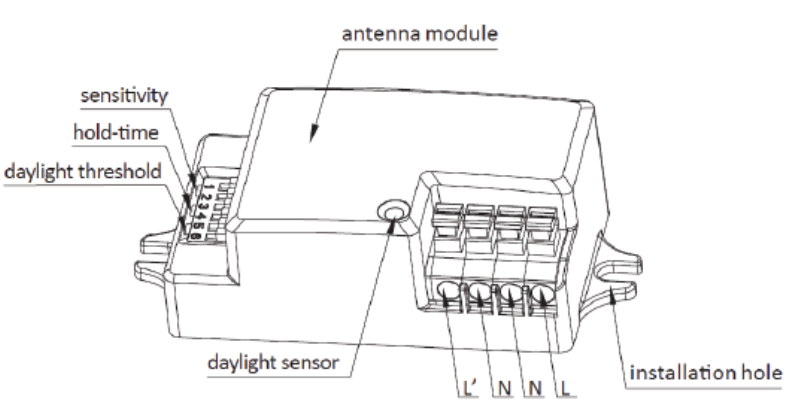
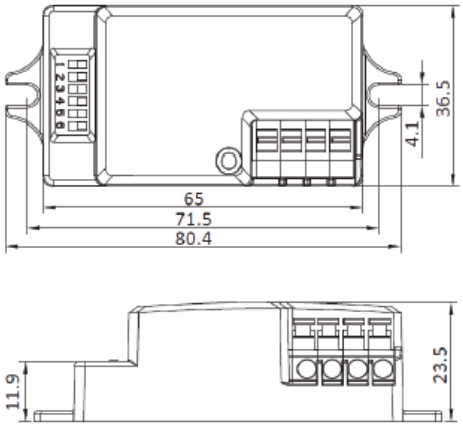






User manual of microwave motion sensor





Settings

1. **Sensitivity**

   Sensitivity can be adjusted by selecting the combination

Ⅰ – 100%
Ⅱ – 75%
Ⅲ – 50%
Ⅳ – 10%

	1	2	
Ⅰ	●	●	100%
Ⅱ	●	○	75%
Ⅲ	○	●	50%
Ⅳ	○	○	10%

2. **Hold-time**

   Hold-time refers to the time period that the light remains 100% on if no more movement is detected.

Ⅰ – 5s
Ⅱ – 90s
Ⅲ – 5min
Ⅳ – 15min

	3	4	
Ⅰ	●	●	5s
Ⅱ	●	○	90s
Ⅲ	○	●	5min
Ⅳ	○	○	15min

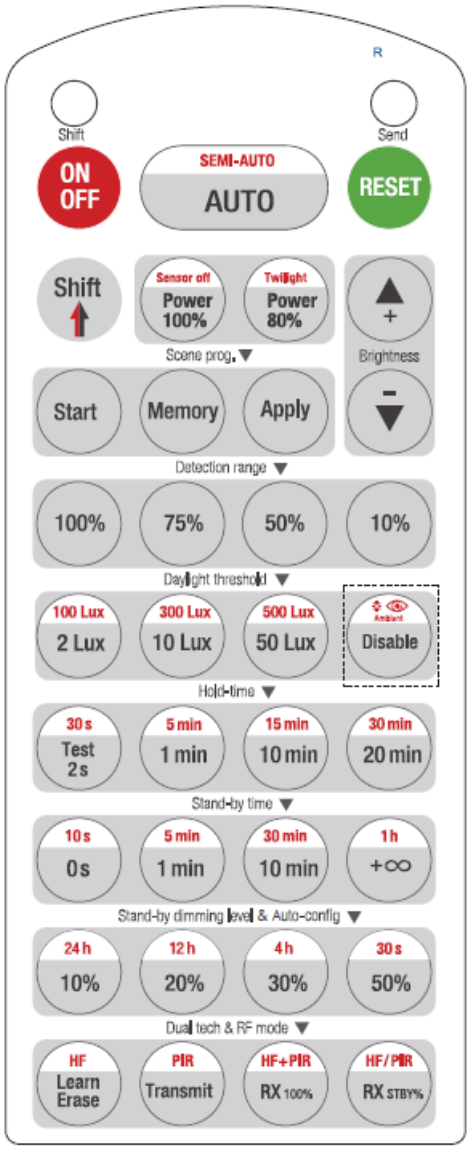
3. **Daylight sensor**

Light will always turn on upon movement if daylight sensor is disabled.

Ⅰ – Disable
Ⅱ – 50Lux
Ⅲ – 10Lux
Ⅳ – 2Lux

	5	6	
Ⅰ	●	●	Disable
Ⅱ	●	○	50Lux
Ⅲ	○	●	10Lux
Ⅳ	○	○	2Lux

Remote control



Remote control

ON/OFF **Permanent ON/OFF function**

Press button “ON/OFF” to select permanent ON or permanent OFF mode. * Press button “AUTO”, “RESET” to quit this mode.

Reset Settings

Press button “RESET”, all settings go back to default settings.

Shift Button

Press button “Shift”, the LED on the top left corner is on to indicate mode selection. All values / settings in RED are valid for 20 seconds.

AUTO mode

Press button “AUTO” to initiate automatic mode. The sensor starts working and all settings remain as before the light is switched ON/OFF.

SEMI-AUTO mode

manually on by push-switch and automatically off in this mode.

Power output

Press the buttons to select light output at 80% (at initial 10,000 hours) or 100%.
Note: “Sensor off” and “Twilight” functions are disabled.

Brightness +/-

Press the buttons to adjust the light brightness during hold-time.

Scene program – 1-key commissioning

1. Press button “Start” to program.
2. Select the buttons in “Detection range”, “Daylight threshold”, “Hold-time”, “Stand-by time”, “Stand-by dimming level” to set all parameters.
3. Press button “Memory” to save all the settings programmed in the remote control.
4. Press button “Apply” to set the settings to each sensor unit(s).

For example, to set detection range 100%, daylight threshold Disable, hold-time 5min, stand-by time +, stand-by dimming level 30%, the steps should be: Press button “Start”, button “100%”, “Disable”, “Shift”, “5min”, “Shift”, “+”, “30%”, “Memory”. By pointing to the sensor unit(s) and pressing “Apply”, all settings are passed on the sensor(s).

Detection range (valid for master only)

Press buttons in zone “Detection range” to set detection range at 100% / 75% / 50% / 10%.

Daylight threshold
Press buttons in zone ” Daylight threshold” to set daylight sensor at 2Lux / 10Lux /50Lux / 100Lux / 300Lux / 500Lux / Disable.

Ambient daylight threshold

Press button “Ambient”, the surrounding lux level is sampled and set as the new daylight threshold.

Hold-time
Press buttons in zone “hold-time” to set the hold-time at 2s / 30s / 1min / 5min / 10min / 15min / 20min / 30min. 2. 2s is for testing purpose only, stand-by period and daylight sensor settings are disabled in this mode.
To exit from Test mode, press button “RESET” or any button in “Hold-time”.

Stand-by time (corridor function)
Press buttons in zone “stand-by time” to set the stand-by period at 0s / 10s / 1min / 5min / 10min / 30min / 1h / +.

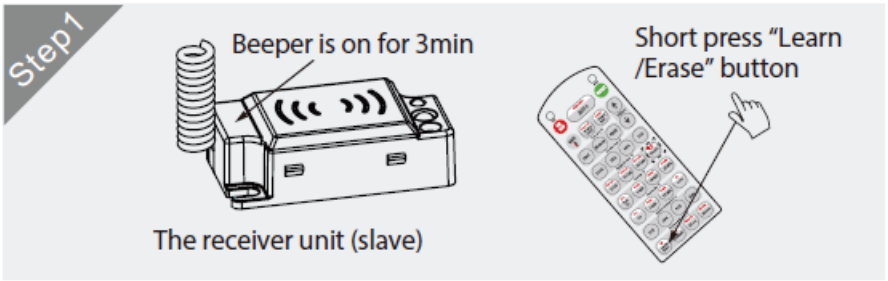
Stand-by dimming level
Press the button in zone “stand-by dimming level” to set the stand-by dimming level at 10% / 20% / 30% / 50%.

Auto-configuration function
All buttons in this zone are disabled.

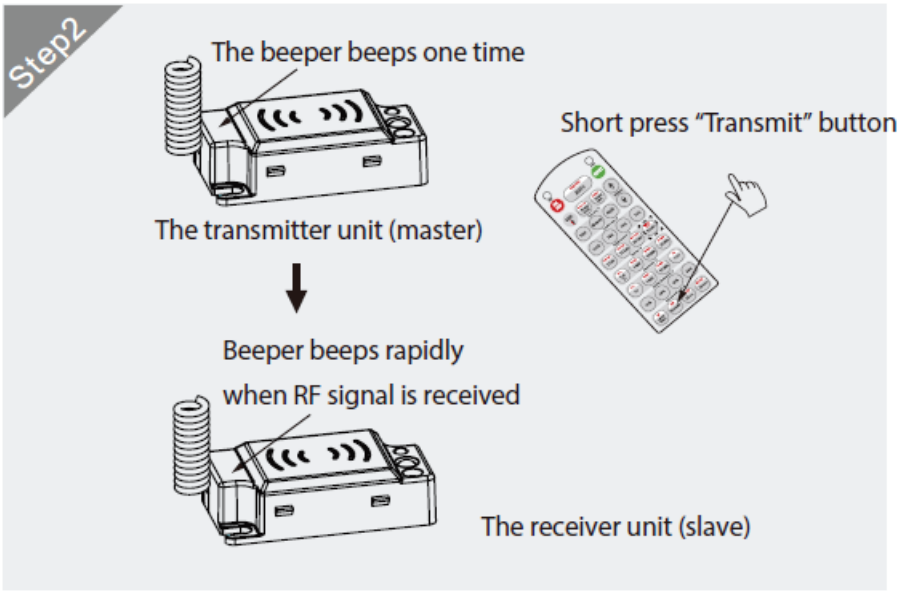
Dual tech & RF mode
“HF”,”PIR”, “HF+PIR”, “HF/PIR” are disabled. For RF grouping via remote control, please refer to steps below:

RF grouping

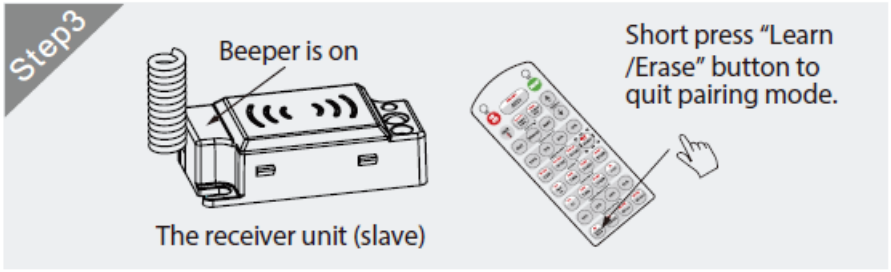
Short press “Learn/Erase” button on RC to activate pairing mode, and the receiver unit starts to beep once every second for 3min.
Note: the unit can only pair up to 30 units.



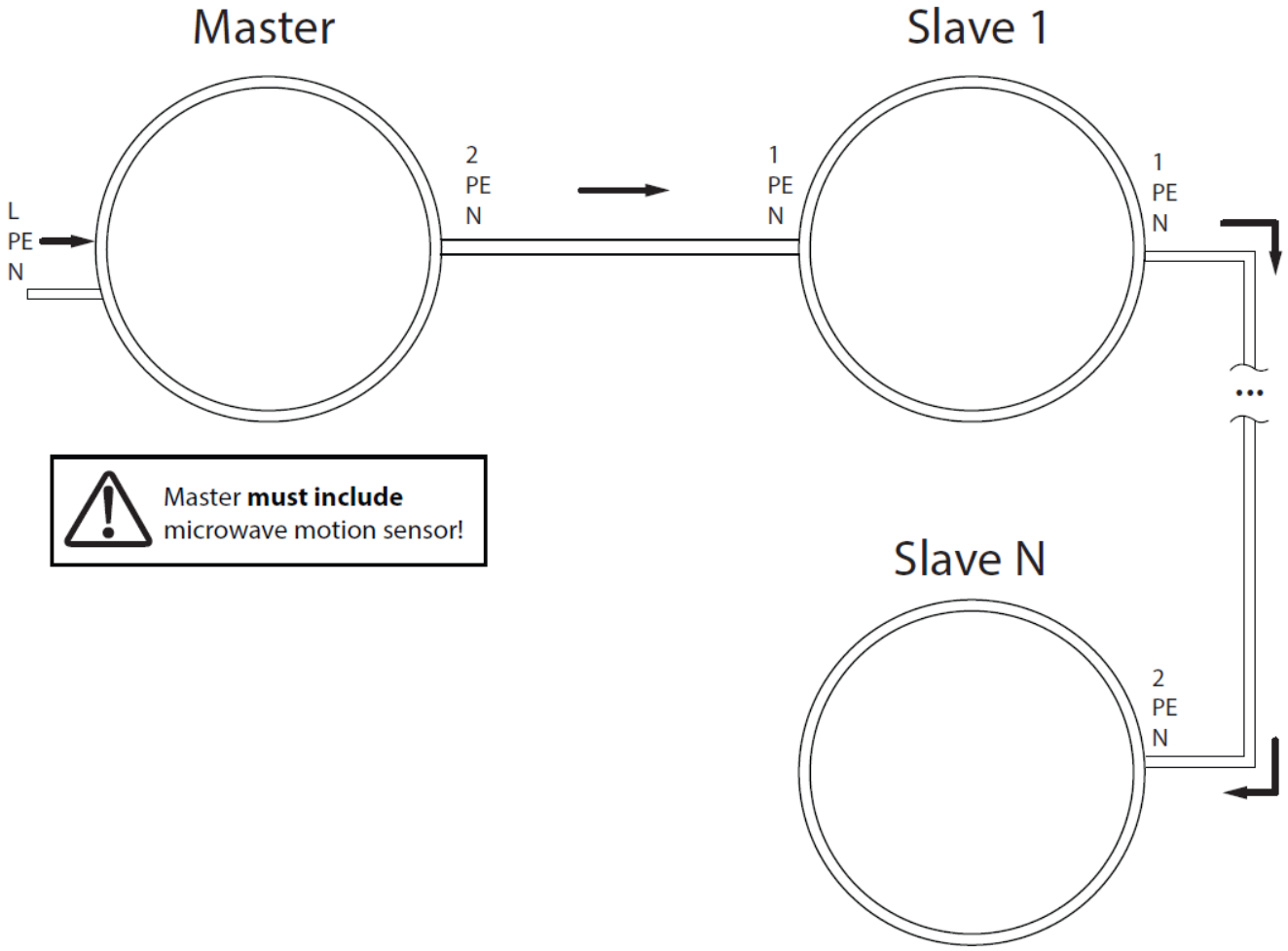
Short press the “Transmit” button on RC, the commander unit (master unit) beeps one time to send the transmission signal.
Upon receiving the transmission signal, the receiver unit (slave unit) rapidly beeps 3 times in 1s to indicate the success of pairing. Repeat this step to pair more units.
One more short press on “Learn/Erase” button to the receiver unit to complete the pairing process, the receiver unit will quit the pairing mode.
Note: Press button RX100%, the light on the receiver unit is 100% on upon receiving RF on signal; Press “RX STBY%” button, the light(s) goes to preset stand-by dimming level directly.



Erase: Long press the "Learn/Erase" button for 3s to the sensor unit. The beeper beeps rapidly for about 5s. All commands received before are erased.



Master/Slave configuration



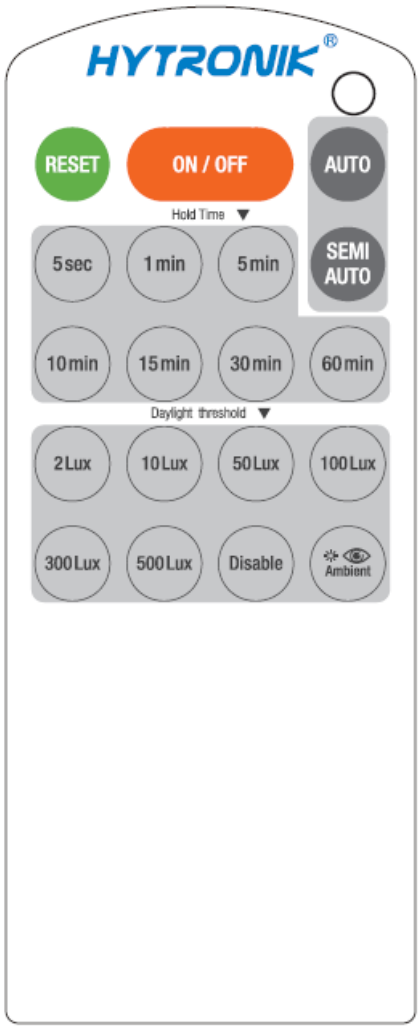
WARNING

Master must include microwave motion sensor!

Tridonic LED driver

OSRAM LED driver

Settings (Remote Control HRC-12, for HIR02/RC12 & HIR04/RC12 & SAM13/RC12)



HRC-12

Permanent ON/OFF function

Press button “ON/OFF” to select permanent ON or permanent OFF mode. * Press button “AUTO”, “RESET” or “Ambient” to quit this mode. The mode will change to AUTO Mode after power failure.

Reset Settings

Press button “RESET”, all settings go back to default values.

(AUTO) Sensor mode

Press “Auto Mode” button, the sensor starts to function and all settinsgremain the same as the latest status before the light is switched on/off.

(SEMI AUTO) SEMI-AUTO mode

Press button “SEMI-AUTO” to initiate semi-auto mode. The texture is manually turned on by pressing the push-switch and goes off automatically after hold time. (Absence detection mode)

Daylight threshold

Press buttons in zone ” Daylight threshold” to set daylight sensor at 2Lux/ 10Lux / 50Lux / 100Lux / 300Lux / 500Lux / Disable.

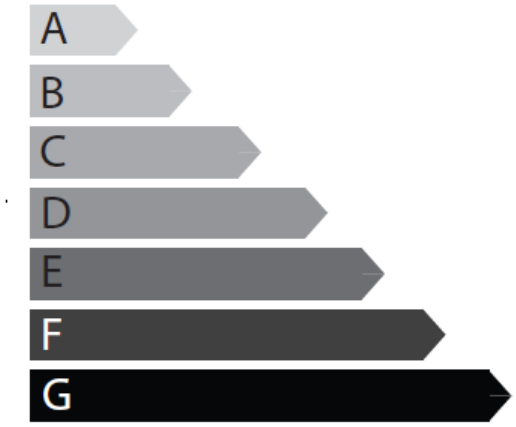
Ambient daylight threshold

Press button “Ambient”, the surrounding lux level is sampled and set as thenew daylight threshold.

Hold-time

Press buttons in zone “hold-time” to set the hold-time at 5sec / 1min / 5min / 10 min / 15min / 30min / 60min. *To exit from Test mode, press button “RESET” or any button in “Hold-time”.

Energy efficiency class of contained light source(s)



		CRI	
		80	90
CCT	2200	E	F
	2700	E	F
	3000	E	E
	4000	E	E
	5000	E	E
	5700	E	E
	6500	E	E

Terms of use and maintenance

Before luminaire is turned on, it should be mounted according with this mounting instruction or any other applicable regulations.

Mounting instructions

- Mounting of luminaire must be performed by a qualified person according with following instructions:
- The warranty of luminaire does not apply, if the mounting of luminaire has been performed in precipitation (rain, snow, hail).
- The warranty of luminaire does not apply, if a control system unauthorized by VIZULO or an inapplicable LED driver has been used to drive the luminaire.
- The warranty of luminaire does not apply, if it has been used in an unsuitable ambient temperature or has been supplied by voltage outside of the specified range.
- The warranty of luminaire does not apply, if the LED driver program has been changed in any way.
- The warranty of the luminaire does not apply, if the logged history data of the LED driver has been deleted without the permission of VIZULO.
- The warranty of luminaire does not apply, if it has been mounted in unspecified angles or upside down

(luminaire glass directed up), or it has been completely submerged under water.

Safety instructions

Any actions with the luminaire must be performed by a qualified person, who is certified according with national regulations and requirements. To prevent any accidents person installing the luminaire must follow national safety requirements and following instructions:

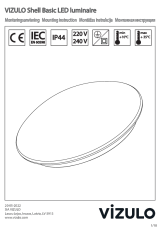
- The label containing the technical parameters of the luminaire has to be studied before the work on it has begun.
- Any luminaire build or design changes are prohibited.
- The luminaire must be used in good technical condition and according with this instruction.
- Only VIZULO-authorized spare parts and accessories can be used to repair the luminaire.
- The repair of the luminaire has to be performed by a qualified and certified person.

Maintenance and repair

- Luminaire has to be disconnected from electrical grid before it is opened and/or repaired!
- The person working with the luminaire must follow national regulations and legislations that apply to maintenance and testing of electrical or electronic appliances.
- The luminaire may need to be cleaned depending on its environment. Only a damp cloth or a sponge may be used to clean the luminaire. Use only household detergents diluted by water.
- Only VIZULO authorized spare parts may be used for the luminaire.
- Instruction for changing spare parts must be requested from VIZULO and studied before the repair is attempted.
- LED modules, lens and LED drivers can be changed on an installed luminaire, but it is advised to perform this task indoor to avoid water entering the luminaire. Spare parts (lens, LED modules and drivers) should be ordered from the information available on the luminaire label

20-05-2022
SIA VIZULO Laucu Lejas, Iecava, Latvia, LV-3913
www.vizulo.com

Documents / Resources

	VIZULO Shell Basic LED Luminaire [pdf] Instruction Manual Shell Basic LED Luminaire, Shell Basic Luminaire, LED Luminaire

Manuals+.