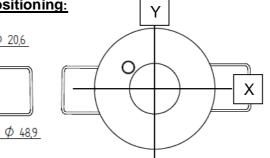## Description:

1. LED indicating operation (red) – luminosity sensor.
2. Superficial enclosure for motion sensor.
3. Connection terminal.
4. Double micro-switch: On/Off LED indicating operation, On/Off luminosity sensor.

ON
1 2

1	2	Configuration
OFF	ON	Luminosity sensor OFF; motion detection LED OFF
ON	ON	Luminosity sensor ON; motion detection LED OFF
ON	OFF	Luminosity sensor ON; motion detection LED ON
OFF	OFF	Luminosity sensor OFF; motion detection LED ON

Dimensions (mm.) and positioning:

Ø 20,6
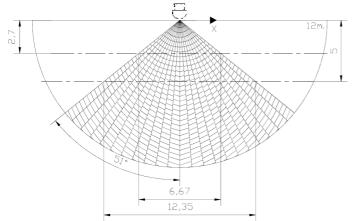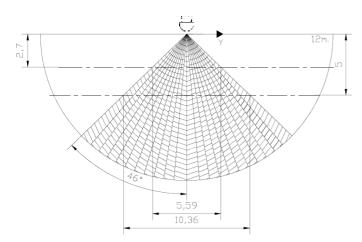Ø 48,9

Y
X

35
17
3

Detection Area:

Detection Area		
Ceiling height	Distance Axe X	Distance Axe Y
2.7m	6.67m	5.59m
5m	12.35m	10.36mm

2,7
5
12m.
X
51°
6,67
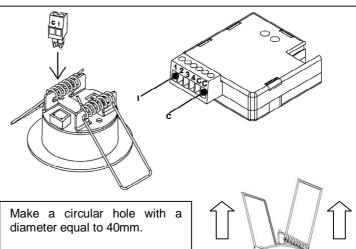12,35

2,7
5
12m.
Y
46°
5,59
10,36

Connection Scheme:

Compatible devices with motion sensor:

- QUAD (ZN1IO-41AD)
- ACTinBOX Classic – Hybrid (ZN1IO-AB46A)
- Roll-ZAS (ZN1VI-TPZAS)
- Touch-MyDesign4, 6 y 8 (ZN1VI-TPTMD4/6/8)

Option 1: 1 Motion Sensor

The desired Zennio device input is connected to the sensor terminal marked with the letter **I**.

In closing, connect the Zennio device common (any terminal marked with the letter "C") to the sensor terminal marked with the letter **C**.
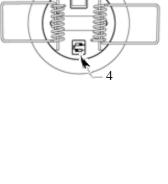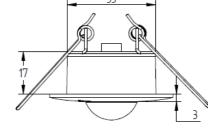
Make a circular hole with a diameter equal to 40mm.

Raise the pressure clips and introduce the sensor. Take into account the axes X-Y position for optimizing the detection

Option 2: 2 Motion Sensors connected in parallel (connected to the same input).
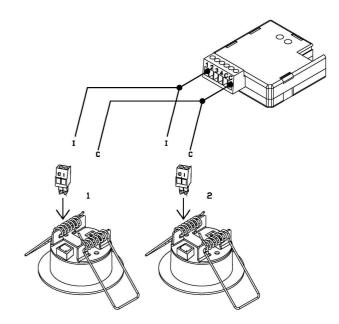
The desired Zennio device input is connected to sensor terminal number 1 which is marked with the letter **I**.

Next step consists in connecting the Zennio device common (any terminal marked with letter "C") to the sensor terminal number 1 marked with the letter **C**.

Do the same operation again with sensor 2, using the same Zennio device input. In order to make easy this operation, the Zennio device has two terminals corresponding to the common, both marked with letter "C".

⚠ Maximum 2 sensors in parallel.

⚠ At least, one luminosity sensor in OFF position.

Specifications:

Concept	Description
Device type	Electric Operation Control Device
Consumption (detecting status)	1mA
Consumption (stand-by)	37µA
External power supply	Not required
Ambient temperature	0ºC to +55ºC
Storage temperature	-20ºC to +70ºC
Ambient humidity (relative)	30 to 85% RH (no condensation)
Storage humidity (relative)	30 to 85% RH (no condensation)
Assembly	False ceiling recommended. Avoid its assembly near light spots or other heat sources.
Performance indicator	When detecting presence, the LED flashes. Cancellable function with the corresponding micro switch
PCB CTI index	175 V
Enclosure	PC+ABS FR V0 halogen free
Weight	25 g.
Connection type	Screw terminal clamp
Max cable length	30 meters (Zennio device inputs specification. Look up compatible devices)
Cable section	0,15mm² to 1 mm² (Zennio device inputs specification. Look up compatible devices)
Max number of sensors in parallel	2 (at least, one luminosity sensor must be cancelled)
Detection angle axe X	51º
Detection angle axe Y	46º
Luminosity range	TBD

SAFETY INSTRUCTIONS

⚠

- Do not connect to the main voltage (230 V) or any other external voltages. Connect only to the Zennio device inputs (QUAD, ACTinBOX Classic-Hybrid, etc). Connecting an external voltage might put all the KNX system into risk.
- Installation should only be performed by qualified electricians following applicable regulations on preventing accidents, as required by law.
- Keep away from water. If product comes into contact with water or other liquid, unplug immediately.