

Technical Sheet

For EIB/KNX Motion and Brightness Sensor-8M

LC-MBD-02

The worldwide STANDARD for home and building control

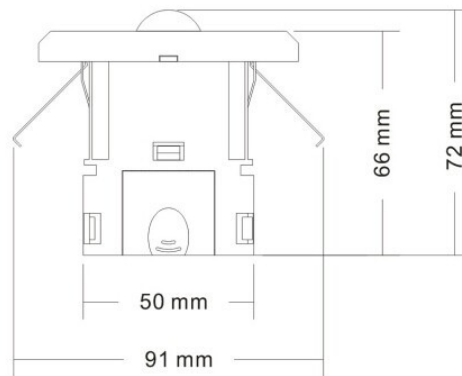
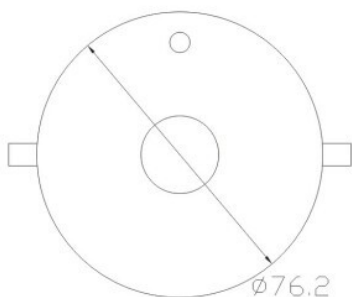
CHARACTERISTICS

- Illumination measure: 0lux~65535lux
- Movement detector area: mounting height * 2
- Illumination output with 3 types data, the values can be sent cyclically
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- Illumination with threshold function
- Logic (AND, OR, XOR) function among illumination value, movement detector value and input value, logic output with 3 data types, the output values can be sent cyclically
- Can be set Master-Slave interworking, the master output with 3 data types
- Illumination disabled, Movement detector disabled and logic disabled function

PARAMETERS

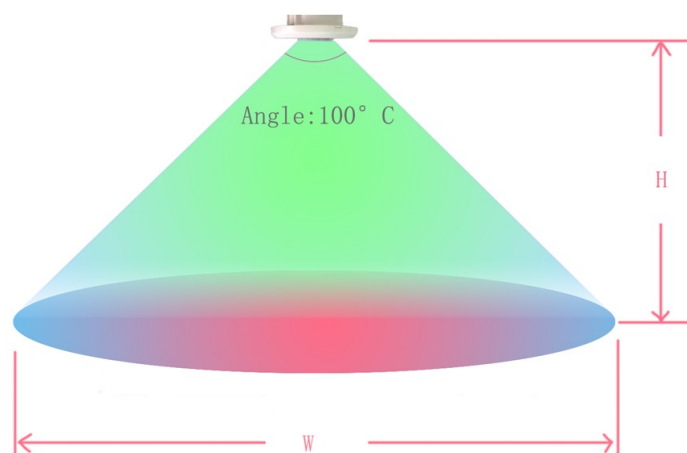
Power supply	—Operation voltage	21-30V DC via the EIB bus
	—Current consumption	Max. 12mA
	—Power consumption	Max. 360mW
Connection	—EIB / KNX	Bus connecting terminal
Operation and	—LED(red) and	Assigning the physical address
	—LED(green) flashing	Indicate application running ok
IP Grade	—IP 20, EN 60529	
Temperature	—Operation	-5°C ... +45°C
	—Storage	-25 °C ...+55°C
	—Transport	-25 °C ...+70°C
Environment	—humidity	<93%,no condensation
Mounting	—surface mounted	

DIMENSIONS



Model	Dimension	Weight
LC-MBD-02	91×74×76mm	0.05kg

INSTALLATION DIAGRAM



H: Range 2.5mm~4m, recommended 3m

W: Reaction area, maximum is H*2

ATTENTION OF INSTALLING

1. Keep it far away friger, air conditioning, and stovepipe, where temperature changes violently.
2. In a certain temperature, speed of wind affects a little.
3. If ambient temperature approaches body temperature, the sensor will lose efficacy.
4. Between the sensor and detected area must not have stumbling block.
5. Sensor can not be directly on the windows and doors, and where there is direct sunlight. Air flow and dramatic changes in light will case sensor generates fault alarm.

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no