

panlux®
lighting
**IR E C Sound
Sensor Light**



panlux IR E C Sound Sensor Light Instruction Manual

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panlux IR E C Sound Sensor Light



Specifications

- Sound Level: 30~90dB

- Transmission Frequency: 433.92 MHz
- IR (Infrared) Sensor
- Sound Sensor: Ton-Sensor
- Number of Melodies
- Transmission Frequency:
- No Infrared Radiation:
- No Ultraviolet Radiation
- Ballast / Electronic Ballast: VVG EVG
- Sensor Reach (Sensitivity): 2~12m
- Intensity of Illumination: LUX 5lx ~ 1000lx
- Time of Operation: 6-7h/St, 4-5h
- Battery: 3.7V | 600mA, Battery Life: max. 300W max. 1200W
- Time of Charging
- Battery Type
- Max. Input Power of Source
- Means of Connection
- Power Supply Cable Length: 5m, Cable Type: H05RN-F, Cable Thickness: 3×1.0mm², 3×1.5mm²
- Operating Temperature Range
- Weight: 0.200kg, Touch/Motion Sensor Weight
- Mounting Options:
- Not Dimmable:
- Color Temperature Options: 3000K WW, 4000K NW, 6000K CW
- Luminous Flux: 3200 lm

Product Usage Instructions

Installation:

Follow the provided mounting options for installation. Ensure the product is placed in an appropriate outdoor location.

Power Connection:

Connect the power supply cable to a suitable power source using the specified means of connection.

Sensor Setup:

Adjust the sensitivity and reach of the sensor according to your needs.

Operation:

Turn on the product and select desired settings such as sound level and melody using the available controls.

Battery Charging:





To charge the battery, connect the product to a power source for the specified charging time.



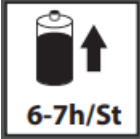
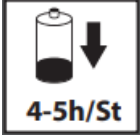

Maintenance:

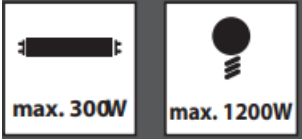

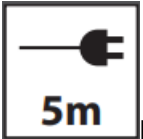
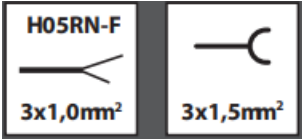
Regularly clean the product and ensure proper functioning of all sensors and components.

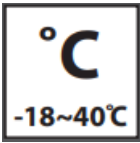
Thank you for choosing this product from PANLUX s.r.o. Before using or installing the products, please read the

instructions and follow the safety rules. Installation should be carried out by a qualified professional or company. Before using, check the product and ensure that it is not damaged in any way; if it is, do not use it. Before any installation ensure that the main electrical supply is disconnected. If the product is damaged, do not attempt to repair or disassemble it.

Sound sensor	 30~90dB		
Number of melodies	 32		
Transmitting frequency	433,92 MHz		
No infrared radiation			
No ultraviolet radiation			
Ballast / Electronic ballast	<table><tr><td>VVG</td><td>EVG</td></tr></table>	VVG	EVG
VVG	EVG		
Reach of sensor	<table><tr><td>SENS 2~8m(±1m)</td><td>SENS 2~12m</td></tr></table>	SENS 2~8m(±1m)	SENS 2~12m
SENS 2~8m(±1m)	SENS 2~12m		

Intensity of illumination	
Time setting of sensor	
Time of charging	
Battery life	
Battery type	

- 
 Max. input power of source
- 
 Means of connection
- 
 Length of the power supply cable
- 
 Type of connection



- Operating temperature



- Weight



- Touch/motion sensor



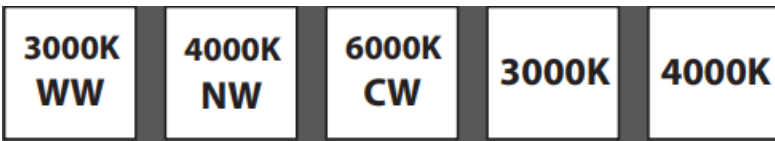
- Mounting options



- Not suitable for use in interiors



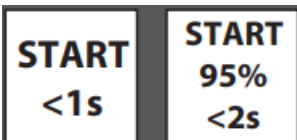
- Dimmable



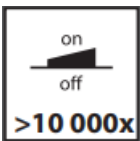
- Colour temperature



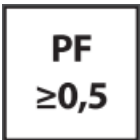
- Luminous flux



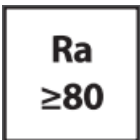
- Starting time



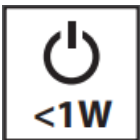
- Switching cycles





- Power factor



- Colour rendering index



- Standby power

- | | |
|--|---|
| 
120° | 
61° |
|--|---|

 Beam angle (radiation)
- | | | |
|-----|---------|--------|
| LED | COB LED | 24 LED |
|-----|---------|--------|

 Lamp type
- | | | | | |
|-------|----|-----|-----|------|
| GU5,3 | G9 | R7s | E27 | GU10 |
|-------|----|-----|-----|------|


 Lamholder
- | | | | |
|------------------|--------------|-----------|----|
| POWER
max.60W | MAX
2x36W | 2x
36W | 5W |
|------------------|--------------|-----------|----|

 Product input power
- | |
|---------------------|
| 230V
↓
12V AC |
|---------------------|


 Input – output
- | | | | | |
|-------------|-------------|--------------|--------------|-----------------|
| 5V
500mA | 350mA
DC | 12V
AC/DC | 12~36V
DC | 3xAA
BATTERY |
|-------------|-------------|--------------|--------------|-----------------|


 Power supply
- | | | | | |
|-----------|----------------|---------------|----------------|---------------|
| 12V
DC | 230V
12V DC | 230V
5V DC | 5V DC
500mA | 230V
~50Hz |
|-----------|----------------|---------------|----------------|---------------|


 Power supply
- | |
|---------------------------|
| 420
kg/cm ² |
|---------------------------|

 Max. load
- | |
|---|
|  |
|---|

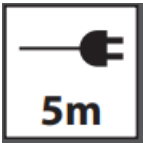
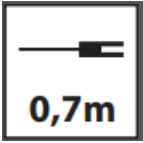



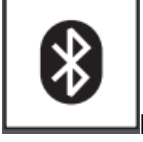



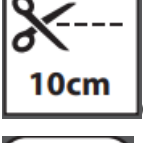

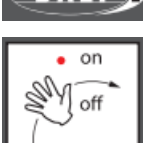

 EU declaration of conformity
- | |
|-----|
| USB |
|-----|

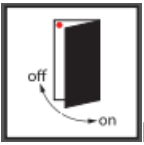
 Power supply option via USB
- | |
|---|
|  |
|---|

 Contains a light source
- | |
|---|
|  |
|---|

 Solar power supply
- | |
|---|
| 
3x1,5mm ² |
|---|

 Terminal block

-  Plug
-  Connector
-  Type and number of batteries
-  Pairable
-  Pairable (exclusively with PIEZO)
-  Bluetooth
-  Wireless phone charging
-  Presence zone
-  Disc (led tape)
-  Cutting length (led tape)
-  Compatible with WIFI 666
-  Management system
-  touchless switch with movement



- Door switch



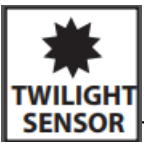
- mounting cutout



- Radar sensor



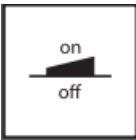
- PIR sensor



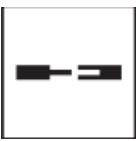
- Twilight sensor



- Socket on the lamp



- Switch



- Connector



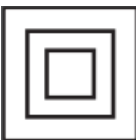
- Mounting box



- Warning of the risk of electric shock



- Protection class I. designation



- Protection class II. designation



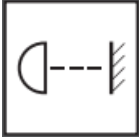
- Protection class III. designation



- The product may only be installed and used indoors



- The product is not suitable for covering with thermal insulation material



- Observe the minimum distance between the luminaire and the illuminated object indicated in the icon



- Do not look directly into the light source when it is on



- Do not touch the hot cover of the luminaire. After switching off and before further handling the product, allow the luminaire to cool down



- The product must not come into contact with water



- Do not throw the product into ordinary trash/dustbins. Products marked in this way must be handed over to the collection of used electrical goods



- Do not pollute the environment and throw waste into the appropriate containers (baskets, dustbins, containers)



- The paper packaging is intended for recycling



- Plastic recycling symbol for polyvinyl chloride. PVC does not belong in the yellow container, but in mixed waste



- In case of a broken lamp cover, replace the broken cover with a new one. Do not use the lamp with a broken cover

IP PROTECTION

- **IP20** Protection from solid objects $\geq 12,5\text{mm}$ in diameter; no protection from water
- **IP33** Protection from solid objects $\geq 2,5\text{mm}$ in diameter; protection from spraying water
- **IP40** Protection from solid objects $\geq 1\text{mm}$ in diameter; no protection from water
- **IP42** Protection from solid objects $\geq 1\text{mm}$ in diameter; protection from dripping water when unit is tilted up to 15°
- **IP44** Protection from solid objects $\geq 1\text{mm}$ in diameter; protection from splashing water
- **IP54** Dust protected; protection from splashing water
- **IP65** Dust tight; protection from water projected from water jets
- **IP67** Dust tight; protection against temporary immersion (15cm up to 1m depth)
- **IP68** Dust tight; protection against complete and continuous submersion in water

MECHANICAL DURABILITY

- **IK01** 0,15J – 200g object dropped from 7,5cm in height
- **IK02** 0,2J – 200g object dropped from 10cm in height
- **IK03** 0,35J – 200g object dropped from 17,5cm in height
- **IK04** 0,5J – 200g object dropped from 25cm in height
- **IK05** 0,7J – 200g object dropped from 35cm in height
- **IK06** 1J – 500g object dropped from 20cm in height
- **IK07** 2J – 500g object dropped from 40cm in height
- **IK08** 5J – 1,7kg object dropped from 29,5cm in height
- **IK09** 10J – 5kg object dropped from 20cm in height



- 20J – 5kg object dropped from 40cm in height

FAQs

Q: Can this product be used indoors?

A: No, this product is not suitable for indoor use.

Q: Is the product dimmable?

A: The product is not dimmable.

Q: What is the weight of the touch/motion sensor?

A: The weight of the touch/motion sensor is specified in the product specifications.

Documents / Resources



[panlux IR E C Sound Sensor Light](#) [pdf] Instruction Manual
IR E C Sound Sensor Light, IR E C, Sound Sensor Light, Sensor Light, Light

References

- [User Manual](#)

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