

VIDEX VL-CLR-EM300-2 LED Emergency Light with Motion Sensor



# VIDEX VL-CLR-EM300-2 LED Emergency Light with Motion Sensor Instruction Manual

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# VIDEX<sup>®</sup>






**VIDEX VL-CLR-EM300-2 LED Emergency Light with Motion Sensor**



USER'S MANUAL  
INDEX VL-CLR-EM300-4

## TECHNICAL PARAMETERS

1		30 W (max)
2		AC 175-265V 50/60Hz
3		3000 Lm (360°) (max)
4		
5		

6		Li-ion 3.7V 2200 mAh x2
7		300 Lm
8		6 h*
9		8 h*
10		5 m

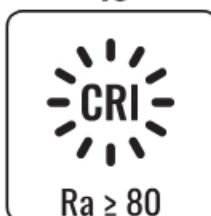
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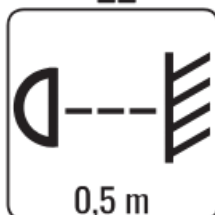
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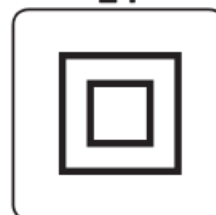
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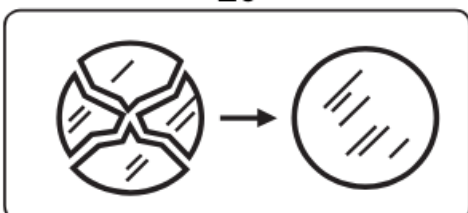
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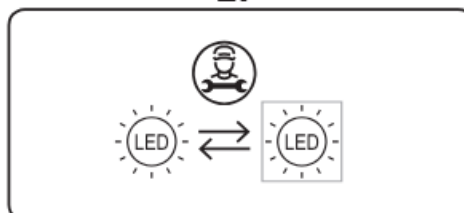
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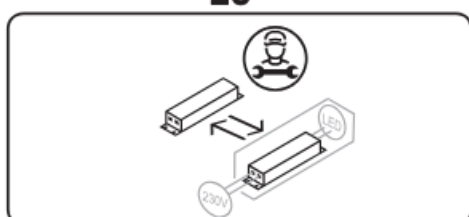
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## LED EMERGENCY CEILING LIGHT TECHNICAL PARAMETERS

1. Rated on-mode power (Pon);
2. Rated input voltage (V) and frequency (Hz);
3. Rated useful luminous flux (Puse);
4. Energy efficiency class according to European Commission Regulation 2019/2020;
5. Energy efficiency class according to the technical regulations of Ukraine;
6. Rechargeable battery type, voltage (V) and capacity (mAh);
7. Rated luminous flux of emergency backup light;
8. Estimated runtime of emergency backup light;
9. Estimated full charge time of the batteries;
10. Maximum induction distance of the microwave motion sensor:

### INTERPRETATION OF ICONS

11. Correlated color temperature, tunable by internal switch.
12. The product is not compatible with external light dimmers;
13. Color rendering index;
14. Rated beam angle
15. . Nominal lifetime L70B50;
16. Class of protection against dust and moisture. Protection against solid foreign objects of 1.0mm 8 and greater and protection against splashing water provided;
17. Class of protection against mechanical impact
18. Rated On/off cycles;
19. The light does not have a noticeable flicker;
20. Time to reach 100% of full light flux;
21. No mercury contains;
22. Minimum distance from the illuminated object;
23. The product can be installed and used in/on normally flammable surfaces;
24. Class of protection against electric shock II – protection against electric shock is provided not only by basic insulation, but also by double or reinforced insulation;
25. For indoor use only;
26. A damaged light diffuser must be replaced:
27. Replacement of the built-in light source can be performed by the manufacturer's authorized person;
28. Replacement of the control gear can be performed by the manufacturer's authorized person:
29. The product complies with the technical regulations of Ukraine;
30. The product meets the requirements of EU directives:

### ENVIRONMENTAL PROTECTION

31. Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed bin together with other waste. The user, wishing to get rid of electronic and electrical equipment is obliged to return it to a waste equipment collection point. There are no hazardous components in the equipment that have a particularly negative impact on the environment and human health.
  - Overall dimensions (mm), product weight [g/kg], input current (mA), operating temperatures range, production date and batch number are indicated on individual packaging:
  - Light power curve type: 0 [cosine].
  - Product materials: Acrylic, ABS, polycarbonate, aluminum:

- The shelf life before the start of use is unlimited;

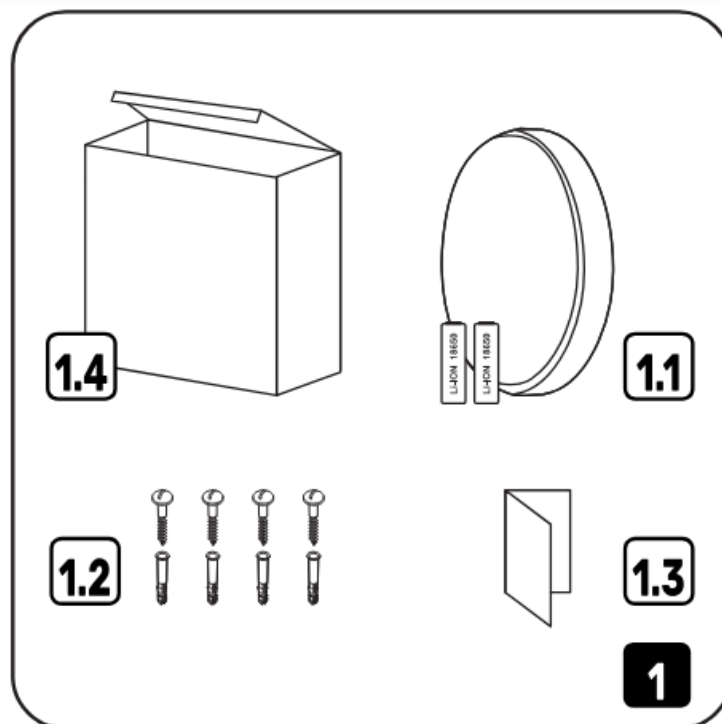
The emergency light runtime and the battery full charge time results are tested with stock batteries [Videx 18650 3.7V 2200mAh] and may vary between environments and actual batteries capacity used.

## PRODUCT'S PURPOSE AND APPLICATION

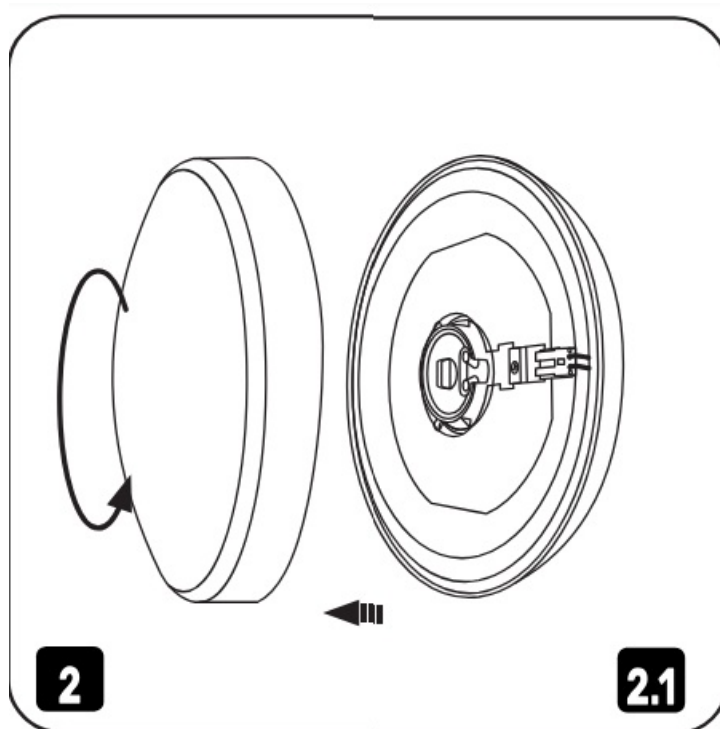
The product is intended for consumer and commercial lighting. Possible places of use: passage, corridor, balcony, living room, bathroom.

### CONTENTS OF THE KIT(Fig.1)

- Lamp with two rechargeable batteries Videx Li-ion 18650 2200 mAh (Fig. 1.1);
- Surface mounting kit (Fig. 1.2);
- User's manual (Fig. 1.3);
- Individual packaging [Fig. 1.4].



### MOUNTING AND CONNECTION INSTRUCTIONS (Fig. 2)



- It is mandatory to disconnect power supply before installation. Read the instruction before installation. Installation must be performed by a specialist with appropriate qualifications. The product is intended for installation on wall or ceiling. Please perform installation and connection according to the diagram below.
- Connection must be made using built-in terminal block. The built-in terminal block allows the possibility of serial connection of several lamps in one line. Before the first use, it is necessary to check the correctness of the mechanical fastening and connection. The product can only be used in a network that meets the energy requirements and quality standards stipulated by law.

- **Attention;**

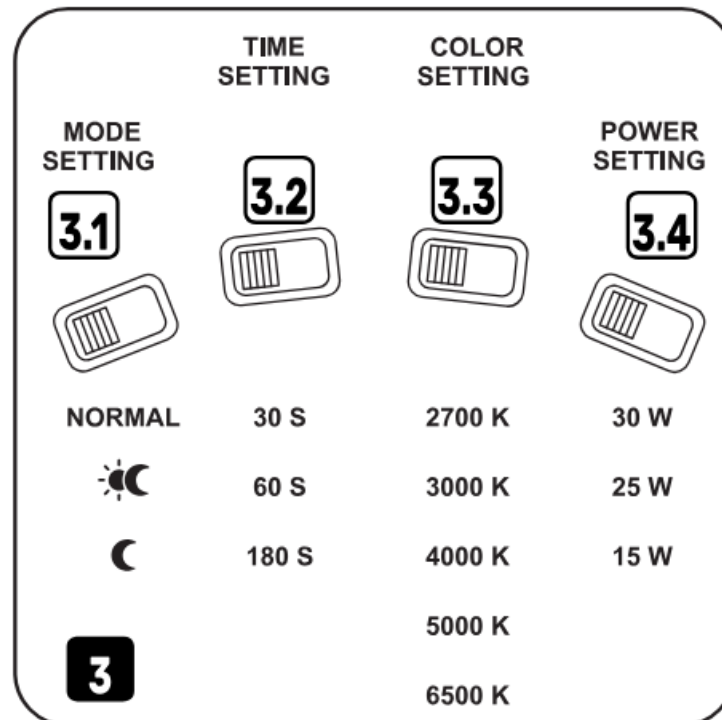
With a serial /group] connection. the total power limit of each group is 1000 W. provided that a wire with a cross section of at least 1.5 mm<sup>2</sup> is used.

The minimum distance between two ceiling lamps is .3 meters to avoid mutual interference of the radar sensor.

## OPERATING INSTRUCTIONS (Fig. 3)

- Lever #1. Modes setting (Fig. 3.1):
- 1st position – normal mode. The lamp works in the on/off mode:
- 2nd position – day radar sensor mode. The lamp will turn on automatically when the sensor detects movement at day or night (> 30 Lux] and turn off after set amount of time if there is no motion sensed; 3rd position- night radar sensor mode. The lamp will turn on automatically when the sensor detects movement at night(< 30 Lux] and turn off after set amount of time if there is no motion sensed.
- Lever#2. Setting of the radar sensor post-induction delay (Fig. 3.2):
  - 1st position – 30 seconds;
  - 2nd position – 60 seconds;
  - 3rd position – 180 seconds.
- Lever #3, Color temperature setting (Fig. 3.3):
- 1st position – 2700K [warm white]:
- 2nd position – 3000K (warm white):

- 3rd position – 4000K (neutral white);
- 4th position – 5000K (neutral white);
- 5th position – 6500K (cold white).
- Lever #4. Power setting (Fig. 3.4):



- 1st position – 30W;
- 2nd position – 25W;
- 3rd position -15W.

## EMERGENCY RESERVE LIGHTING

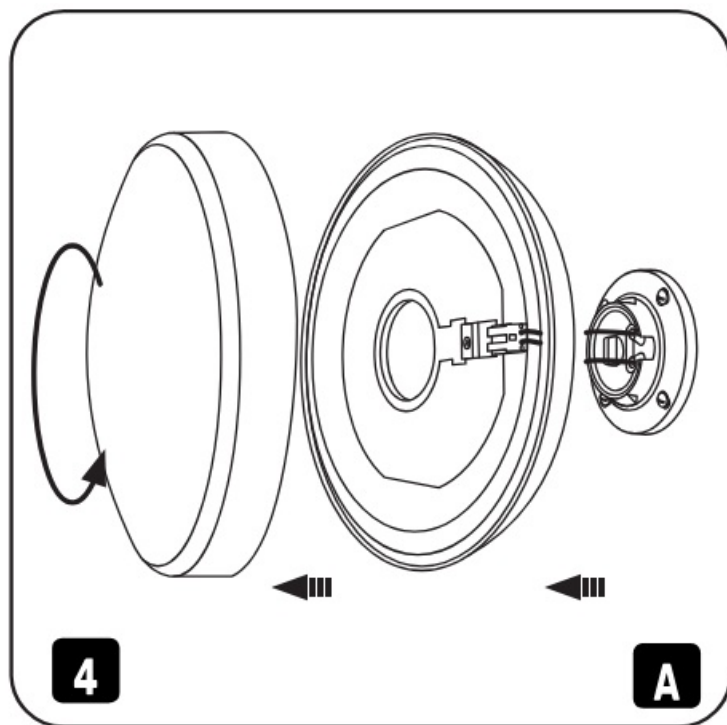
- The emergency reserve light will switch on automatically when electricity disappears and the switch remains turned on. When the electricity returns, the lamp will automatically switch from emergency light to regular light.
- Note. When the emergency reserve light is on, the radar sensor is disabled.

### BATTERY CHARGING

- The batteries will be charged automatically in the presence of electricity and switch is turned on. The batteries will not be charging when switch is turned off. The product has a built-in intelligent internal circuit with overcharge, over discharge and overvoltage protection.

### BATTERY REPLACEMENT (Fig. 4)

- The product is equipped with replaceable batteries. If you notice that the battery has degraded over time, it can be replaced. The used batteries can be replaced on by the batteries with the same type. To replace the batteries, follow the next steps:
- Remove the lampshade;
- screw the screws that hold the transparent protective cover and remove the cover;
  - Insert new batteries according to the diagram (+/-) shown near the battery compartment;
  - Put the transparent cover back and fix it with appropriate screws;
  - Install the lampshade back.



## FUNCTIONAL CHARACTERISTICS

This product can only be used indoor.

## MAINTENANCE AND SAFETY INSTRUCTIONS

- Any maintenance works should be carried out with the electricity turned off, and the product should cool down. Do not cover the lamp with heat-insulating materials, ensure free access of air. Clean only with soft and dry cloths. Do not use chemical detergents. The product may only be supplied with rated voltage or voltage within the given range. It is forbidden to use the product with a damaged light diffuser, damaged wiring or connection points. **WARNING!** With a serial (group) connection, do not exceed the maximum total load 1000W. Do not look directly at the LED beam. The product cannot be used in adverse conditions, e.g. vibration, explosive atmosphere, fumes or chemical fumes, etc. Do not attempt to disassemble the product to repair it as this may damage the product and void the warranty. The LED light source inside is non-replaceable. If the light source is broken, please contact manufacturer. Used or damaged product should be disposed of in accordance with applicable regulations.
- Failure to follow these instructions may result into e.g. fire, burns, electrical shock, physical injury and other material and non-material damage. The manufacturer shall not be responsible for any damage resulting from the failure to follow above instructions.

## STORAGE AND TRANSPORTATION

- Before delivery to the direct point of sale, the product must be stored in the manufacturer's packaging at a temperature from -20°C to +40°C, in a dry room and without exposure to direct sunlight.
- Transportation can be carried out by land, sea, air transport in the manufacturer's transport packaging.

## WARRANTY

- The warranty period for the lamp is 3 years, for the batteries -1 year. The warranty period begins from the date of sale. During the warranty period, a faulty product can be exchanged or returned with prove of purchase and all components and accessories preserved. The following does not apply with the scope of limited warranty:
  - Misuse the product and cause the products components damage;
  - Unauthorized disassemble or the presence of deep mechanical damage to the product;
  - Damage due to force majeure.

The manufacturer reserves the right to make changes to these user manual or technical changes to the product without prior notice.


## WARRANTY CARD

- Item
- Date and place of sale
- Date of exchange / return
- Seller's stamp and signature
- INDEX

Importer: Allegro Opt Sp. z o.o .. Handlowa 23, 05-120 Legionowo, Poland. Made in P.R.C.

[www.videx.com.pl](http://www.videx.com.pl)

## Documents / Resources

	<p><a href="#">VIDEX VL-CLR-EM300-2 LED Emergency Light with Motion Sensor</a> [pdf] Instruction Manual VL-CLR-EM300-2 LED Emergency Light with Motion Sensor, VL-CLR-EM300-2, LED Emergency Light with Motion Sensor, Light with Motion Sensor, Motion Sensor, Sensor</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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