

OLB-LT Series Instruction Guide



Thank you for purchasing a CCS product. To ensure proper use of the product, please read this instruction guide before use and keep it for your future reference.

1 Important Information for Equipment Safety - Read Before Use -

These products have been designed with full consideration of safety. However, incorrect usage of the products may result in fire, electric shock, or other serious damages. Please ensure to follow the conditions below.



The following symbols in the instruction guide indicate and classify the precautions.

 \otimes (\mathbf{N}) U DISASSEMBLY DO NOT TOUCH DO NOT SUBJECT MANDATORY ACTIONS

These symbols indicate prohibited actions. This symbol indicates required actions.



Damage to the OLED light may surface of the Light Unit. Do not occur, if a person charged with hit the emitting surface or apply, static electricity touches it. Keep strong pressure to it. Doing so may cause the Light Unit to the Light Unit away from all items charged with static electricity. malfunction.

Do not use the Light Unit in the following situations.

- Under conditions or in an environment not described in this instruction guide.
- In nuclear energy control systems, railroad systems, aviation systems, vehicles, combustion equipment, medical equipment, amusement machines, or safety equipment.
- In applications involving serious risk to life or property, particularly applications demanding a high level of safety.

Please install the Light Unit to locations with following conditions.

- Incorrect installation location may cause Light Unit failure. • In a flat and stable location with • Places free from any water, oil, liquid.
- minimal vibration. chemical, or steam. • Well-ventilated places with minimal dust. • Places free from corrosive or combustible gas.
- Places that are not subject to sudden Places away from water faucets, boilers, humidifiers, air conditioners, heaters, or stoves. temperature changes.

2 Confirming Product Information

The following tag is attached to the cable on the OLED Light. The color of the label indicates the luminescence color of the Light. The back of the tag there is a name label that gives the model number, power consumption, and serial number.

Be sure to check the contents before using the product and handle the label with care. If the label is missing or damaged and the contents cannot be checked, please contact CCS Inc.



The above illustration is that of OLB-LT-100SW-IS

3 Operating Instructions

- Make sure that the Dedicated Control Unit is turned OFF before connecting.
- Connect the cable of the Light Unit to the Dedicated Control Unit. Use the extension cable (OLCB-1) that comes with the Light Unit.
- 2 Turn ON the Dedicated Control Unit to turn ON the Light Unit.
 - For information on the Dedicated Control Units, refer to 4. Dedicated Control Units for OLED (Sold Separately)
 - Read the instruction guide of the Dedicated Control Unit before use.



3 Adjust the Light Unit position and radiant quantity to optimize images.

Caring for the Emitting Surface

- · Remove dirt and dust by blowing air rather than by hand.
- · If fingerprints or dirt adheres, use a soft, finely woven cloth soaked with a small amount of ethanol or isopropyl alcohol (IPA) and wipe the surface slowly in a circle from the center to the edge.

4 Dedicated Control Units for OLED (Sold Separately)

- The following products are available for the OLB-LT series Light Units.
- · OC-G-5646-2-ET (manufactured by Gardasoft, two channels)
- OC-0736-1-ET (manufactured by CCS, one channel)

5 Optional Accessories (Sold Separately)

These products are available as required.

Extension Cables

These cables are used for connecting the light cable and the Dedicated Control Unit.

Model name	OLCB-1	OLCB-2	OLCB-3	OLCB-5
Dimension A	1,000	2,000	3,000	5,000
Weight	72 g max.	127 g max.	182 g max.	292 g max.

6 Main Specifications

Common Specifications

Model name	OLB-LT-100SW-OS, OLB-LT-100SW-IS	
Input current (max.)	0.295 A (when OC-G-5646-2-ET is used) 0.250 A (when OC-0736-1-ET is used)	
Power consumption (max.)	7.0 W	
OLED color	White	
Correlated color temperature (typ.)	4000 K	
Cable length	300 mm	
Cooling method	Natural air-cooling	

7 Dimensions (mm)





- strictly prohibited.



Operating environment (indoors only)	Temperature: 5 to 40°C, Humidity: 20 to 85%RH (with no condensation)
Storage environment	Temperature: -20 to 50°C, Humidity: 20 to 85%RH (with no condensation)
CE marking	Safety standard: Conforms to EN62471 EMC standard: Conforms to EN61000-6-2, EN61000-6-4
Case material	Aluminum alloy, SUS
Weight (max.)	190 g
Accessories	Instruction guide, extension cable (OLCB-1)

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