

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outside
2. Do not mount near gas or electric heaters. Equipment should be mounted in locations and heights where it will not readily be subjected to tampering by unauthorized personnel.
3. The use of accessory equipment and replacement parts not recommended by the manufacturer may cause an unsafe condition.
4. Do not use this equipment for anything other than its intended purpose.
5. The AC voltage rating for this equipment is specified on the product label. Do not connect equipment to any other voltage.

SAVE THESE INSTRUCTIONS

Specifications

Type: Addressable control panel for self-contained battery lights

Variations: CL100, CL200, CL300, CL400

Light addressing : Automatic, based on factory unique identification number

Communication: 2 way between lights and panel with 2 core cable

Output: CL100 - 1 output with 99 devices, CL200 - 2 output with 198 devices,

CL300 - 3 output with 297 devices, CL400 - 4output with 396 devices

Clever Light commissioning, graphic or end-user software

Mounting: Sidewall

Warranty: 2-year replacement warranty

Housing color and material: White plastic, grey metal

5"touch screen for checking system information with last 2000 events TCP / IP

network communication between 254 pcs panels

32 pcs phase monitor modules for monitoring lighting distributors

4 pcs configurable fault relays

Protection class: Class I

Dimensions: 331mm x 241mm x 113mm

Cable connection: Max. 2.5mm² cross-section solid or sleeved twisted wire

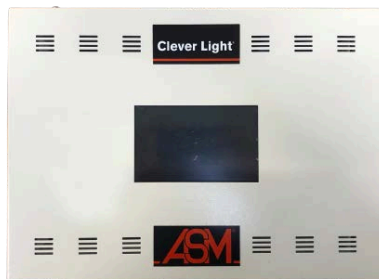
Mains voltage: AC 120-240V 50/60Hz

Max. input current: 2,6A

Output voltage: AC 120-240V 50/60Hz with communication signal

Constant nominal ambient temperature range: Ta 25°C

Certificates: CE, UL

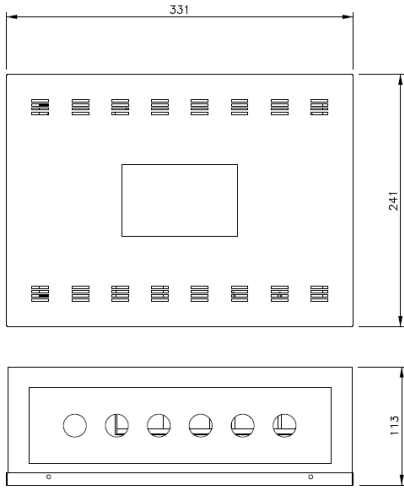


Modes of the lamps' LED indicator:

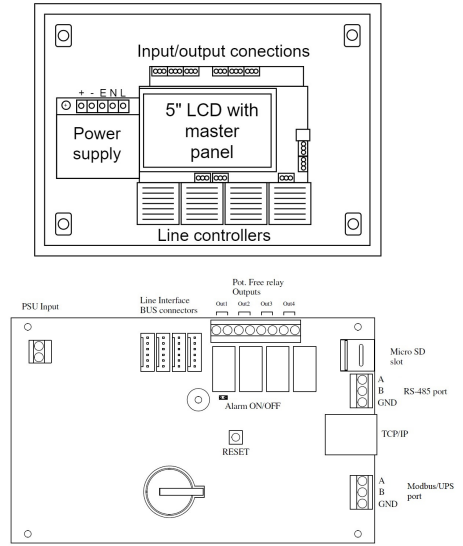
■ Red ■ Green

Status	LED indicator
Normal mode, battery is charged or charging	Continuous
New device, not programmed	Red
No mesh communication	Red
Not found after search progress	Red
Battery error	Red

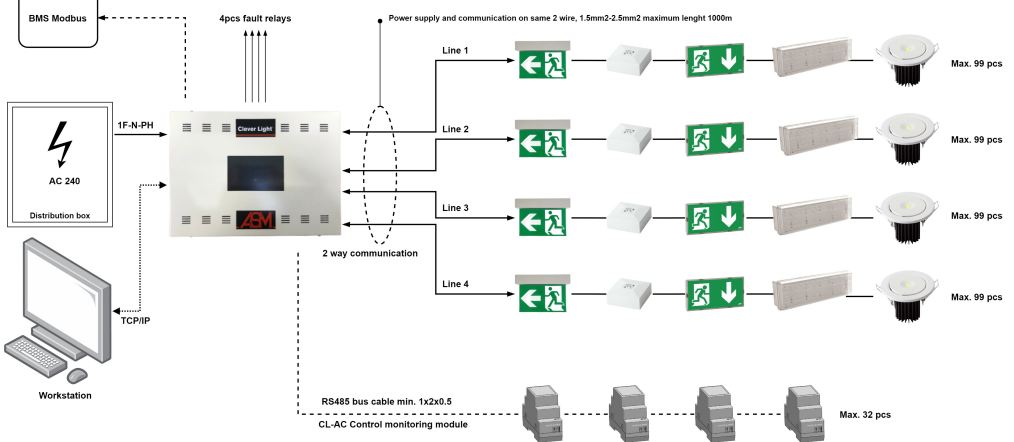
Dimensions



Control panel connections



System topology



The Clever Light addressable emergency lighting system can charge and supervised the self-contained battery lights with 2 core 1,5-2,5mm² cable. The monitoring center can query and control all luminaires. The lamps are identified automatically using the built-in identifier. All lights can be supplied from the nearest power distribution box.

The control panel can monitor all functions of the lights, communication status, battery level, emergency test information. In emergency situation the control panel can turn on all lights with broadcast or with group command.

CAUTION!

The device works from mains supply. The mounting should be happened only with the supplied retainers. Important! Ensure that the battery is connected to the luminaire before connect the luminaire to the mains supply. In case of maintenance ensure that the device is disconnected from the power. The producer will not take the responsibility for the damages caused by improper usage. All serving should be performed by qualified service personnel. The installation of this Emergency system shall be performed by an authorized personnel who is qualified to perform the installation in accordance with ANSI/NFPA 101, "Life Safety Code," Article 700 of ANSI/NFPA 70, the NEC "National Electrical Code," the Federal, State & local municipal requirements and or any other requirements as applicable and as warranted.