

Classic LED EMERGENCY LAMP

Quality from detail

Safety & Eyes enjoying

May 1st, 2011

Technical data for reference and
subject to change without notice

ALE SERIES high quality LED fire safety emergency lamp offer more safeguard to the people and property. It is suggest to replace the 15 times power wattage incandescent type emergency lamps or 3 times power wattage type Fluorescent tube lamps. For new building, of course, we strongly suggest you use the ALE LED type emergency lamp to protect our world and save your money.

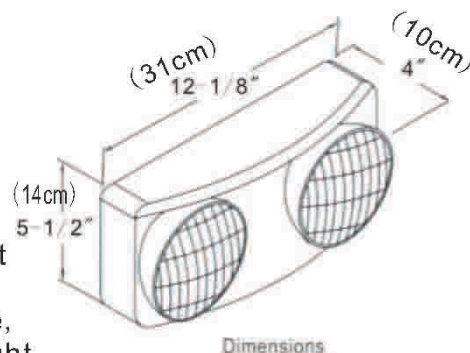


Application:

- Suitable for the Damp loacations;
- ALE LED emergency lamp can widely apply in public places. Such as supermarket, hotel, office building, station, theatre, household, and so on.
- ALE LED emergency lamp can automatic light up or indicate the escape passageway to disperse the people, when the mainly power supply fail off in the situation, such as: conflagration, earthquake, power shortage and others disasters.

Advantage:

- More than 80% energy saving compared to the traditional incandescent bulbs.
- For the LED light with 30° to 120° output angle, more effective light output than the incandescent bulbs and flourescent tube with 360° output angle. For example, the 1W LED can be equivalent to (replace) a 15W incandescent bulb.
- 7lumen (23*10mil chip) per cool white LED (0.06W), which means that the LED efficacy is over 100lm/W, higher lumen efficiency than fluorescent tube; With CRI up to 80-90.
- Long life span up to 500times discharge, free maintainance.
- With innovative switches ON & OFF button, the button are light press and beautiful. With switches, offer more safeguard in long time power off, such as especially important at earthquake, ground sea. Connect the lamp to AC power, it can automatic light up in case AC fail whenever the lamp is on or off.



Features

- Step down tranformer makes sure good and steady performance, transformer is separate fixed. Safety for PCB and far from the battery to protect battery from high temperature.
- Low power consumption. Low heat radiation, no glass to break, no hot filament, no gas. Green light source, no mercury, no UV or IR which is good for using in museum and library;
- UL 94V-0 flame rating Injection-molded thermoplastic ABS housing. Innovative, snap-together design allows for fast and easy installation
Two fully adjustable glare-free Square shape light heads for emergency light
- PTC resistor offer excelum constant current protection to LED, PTC built-in main circuit PCB to reduce heat in LED PCB.
6pcs SMD branch-resistors each LED bulbs to perfect protect the LED.
- CE and Rohs compliant. Every product can be package after 24hours aging test.

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ELECTRICAL

- Test switch and charge Red LED rate indicator;
- ON & OFF switches, automatic emergency light up.
- With overcharge and over-discharge protection;
- Automatic switch to float charge after full charge.
- Ambient temp. :-10°C to 40°C. Life span and duration will be reduced if over 30°C (max 50°C)



Products technical data

- Product Item NO. : 8051 S: spot output; F: flood; NC: Ni-Cd; SLA: Sealed Lead-Acid
- Input: 220-240V, 50/60Hz, 0.01A to 0.02A. (120V or 277V or dual input is available)
- Input Power: 2W to 3W; Emergency discharge output Power: 2*1.5W LED.
- LED bulb: 6V DC T10 base, 24LED with total power 1.5W.
(The LED bulbs can only use in our 8051 lamp for the main circuit with PTC design. If directly replace the traditional bulbs with our T10 LED bulbs, the LED bulbs will be brighter and about 200times discharge lifespan. please contact us for suitable data bulbs)
- LED Type: Neutral White 5000K, CRI: 80-90, Φ 5mm DIP (or 3528SMD) 20mA 3.0-3.2V

Products technical form AEL is short for ABC Lighting CO., Ltd Emergency LED lamp

EMERGENCY LUMINAIRES							
CAT. NO.	LED bulbs	Standard	Duration	Emergency Lumen	Replace halogen	output angle	Battery
8051 S-NC	2*24DIPs 5000k	IEC60598-2-22	5 hours	2*200lm	2*15W	30-60°	6V2.0Ah Ni-Cd
8051 F-NC	2*24SMDs 5000k	IEC60598-2-22	5 hours	2*200lm	2*15W	90-120°	6V2.0Ah Ni-Cd
8051 S-SLA	2*24DIPs 5000k	IEC60598-2-22	12 hours	2*180lm	2*15W	30-60°	6V4.5Ah SLA
8051 F-SLA	2*24SMDs 5000k	IEC60598-2-22	12 hours	2*180lm	2*15W	90-120°	6V4.5Ah SLA

*Specify Duration for NI-Cd battery can be chosen from 1 hour to 7 hours

IP 20 HS code: 9405 4090 00 Name of commodity: wall mounted emergency dual head light

Products size and package data

Size: 308mm*100mm*139mm; product weight: 1.2 kilograms/piece

1 piece 8501 lamp in a color inner paper box;

10 pieces per outer carton; color paper box size: 315*146*110mm

outer carton box size: 550*327*315mm;

Net weight: 12.0kilograms/carton; Gross Weight: 14.0kilograms/carton