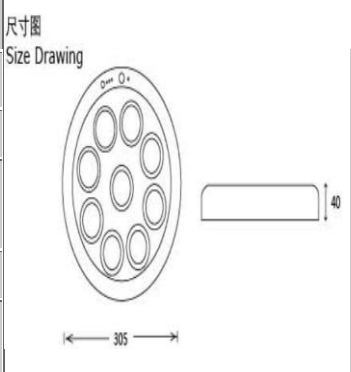


LED Emergency ceiling lamp

Technical Description

- ⊙High quality nickel-cadmium batteries, battery capacity, continuously charge or discharge 500--1000 times;
- ⊙Unique integrated light/emergency LED light source, energy saving, long working life up to 100,000 hours;
- ⊙The use of switching power supply control circuit, stable performance, can be used in loose voltage environments;
- ⊙Flame-retardant PC material, fashionable appearance;

Product Model: HTXDD24

Light Source	LED	Charging Time	≤24 (hr)	尺寸图 Size Drawing 
Power	18W-24W	Material	Flame-retardant PC	
Input Voltage	AC220V/50HZ	Protection level	IP30	
Emergency Time	90 mins	Quantity per CNT	20PCS	
Illumination	>70lm	Battery	Nickel-cadmium 2.4V/600mAh	
Model Operation	Maintained	Standard	GB17945-2010	



Radar Sensing LED Emergency Ceiling Light Instruction Manual

1. Product advantages of LED radar emergency ceiling lamp 24W:

- a) The energy-saving effect is obvious (more than 80% energy-saving than ordinary ceiling lamps)
- b) Strong anti-interference, fast response, basically not affected by temperature environment, wide range of regional use, can be used in any region in the south or north
- c) Energy saving, long service life, low light decay, no radiation and environmental protection light source, radar sensor with emergency lighting function, can be used continuously for 90 minutes after power failure.

2. Application place:

Underground parking lots, hotels, factories, schools, hospitals, supermarkets, shopping malls, banks, communities or residential public corridors and other places that require long-term lighting every day.

3. Product overview:

Radar sensor LED ceiling light (emergency type) is an emergency intelligent sensor LED ceiling light designed for underground parking lots, factories, schools, hospitals, supermarkets, banks, communities or residential public walkways that require long hours of lighting every day; The product adopts a smart light composed of a radar sensor and a dedicated single-chip integrated circuit, with a built-in light sensing device, which automatically recognizes the state of day and night, automatically stands by during the day, and emits light at night, which is energy-saving and environmentally friendly. Intelligent design concept.

4. Technical parameters:

Product model: HTXDD24

Rated voltage: 220V /50HZ Rated power: 24 watts

Emergency time: 90 minutes Emergency power \geq 2W

Sensitivity: 50db +2db Lighting angle: 180 degrees

Sensing distance: 5-8 meters Color temperature: 6000K

Induction time: 25 seconds with automatic delay function

When the ambient light intensity is greater than $<5\text{Lux}+2\text{Lux}$, it will be automatically turned off, and when the ambient light intensity is lower than $\leq 5\text{Lux}\pm 2\text{Lux}$, it will be automatically turned on

Five, environmental characteristics: temperature, humidity

Working temperature range: $-40^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Storage temperature range: $-40^{\circ}\text{C}\sim+80^{\circ}\text{C}$

Working humidity: $\leq 90\%$ relative humidity (no condensation)

Protection class: IP20

6. Notes on application:

- a) The installation of radar sensor LED ceiling light (emergency type) must be done by professionals
- b) Wiring method: red wire (live wire), black wire (zero wire), yellow wire (fire-fighting forced start wire)
- c) When installing, the plane of the induction probe of the lamp should face the working space or detection space to ensure the maximum sensitivity;
- d) Professional installers should be selected for installation. If the lamp fails, it should be returned to our company for after-sales maintenance. Do not disassemble and repair by yourself to avoid safety accidents.

Installation Diagram of Radar Sensor LED Ceiling Light

1. The following points should be paid attention to in the installation and use of LED ceiling lamps:

- a) When installing ceiling lights in masonry structures, embedded bolts should be used, or fixed with expansion bolts, nylon plugs or plastic plugs, and wooden wedges should not be used. Moreover, the carrying capacity of

the above-mentioned fixing parts should match the weight of the ceiling lamp, so as to ensure that the ceiling lamp is firmly and reliably fixed, and can prolong its service life.

b) When using expansion bolts to fix, the bolt specifications should be selected according to the technical requirements of the product, and the drilling diameter and embedding depth should be consistent with the bolt specifications.

c) The number of bolts to fix the lamp holder should not be less than the number of fixing holes on the base of the lamp, and the diameter of the bolts should match the diameter of the holes; for lamps without fixed mounting holes on the base (drill holes by themselves when installing), each lamp is used for fixing There should be no less than 3 bolts or screws, and the center of gravity of the lamp should match the center of gravity of the bolts or screws.

d) LED ceiling lamps cannot be directly installed on combustible objects. Some families use painted three-plywood to line the back of the ceiling lamp for the sake of beauty. In fact, this is very dangerous, and heat insulation measures must be taken; When combustibles are used, heat insulation or heat dissipation measures should also be taken.

e) Before installing the LED ceiling lamp, check: ① The cross-section of the wire core leading to each lamp, the copper core soft wire is not less than 0.4mm², and the copper core is not less than 0.5mm², otherwise the lead wire must be replaced. ②The connection between the wire and the lamp cap and the connection between the parallel wires between the lamp caps should be firm, and the electrical contact should be good, so as to avoid danger caused by sparks between the wire and the terminal due to poor contact.

f) Educate children not to throw balloons and other objects at the lamps indoors, so as to prevent the decorations hanging from the lamps from falling and hurting people or affecting the decorative effect of the lamps.

2. Installation Diagram of Radar Sensing LED Ceiling Light:.

