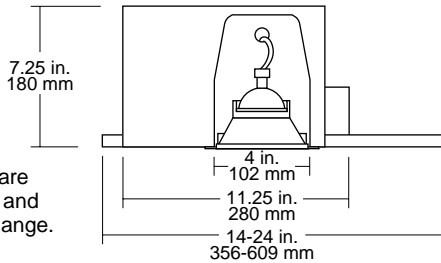




*Internally self-powered recessed gimbal assembly. Safety and security have never looked so good...*



Dimensions are approximate and subject to change.



NRTL. UL 924



Integrating contemporary design elements with the latest in high-tech emergency lighting capability, the Lightalarms self-powered Series RSTH brings architects, designers and engineers a sleek, refreshing new take on emergency lighting solutions.

Designed with clean, classic lines, and available in a range of colors and tones that will compliment any commercial interior where taste is a factor, the Lightalarms Series RSTH emergency fixtures mean you no longer have to sacrifice aesthetics for safety, and that you can finally do away with those clunky, cumbersome fixtures in your client's halls and exit-ways.

Lightalarms new Series RSTH emergency fixtures have been specifically built to meet the needs of contemporary decor professionals. Take a look at these fixtures and discover for yourself an entirely new design vocabulary of emergency lighting function and form.

## features

### ■ Operation

Operation is completely automatic. A brownout sensitive transfer circuit automatically connects the emergency lamp upon either complete loss of normal AC power or when the AC voltage drops down to a point where normal AC lighting will not function. The unit also monitors DC battery voltage and disconnects the lamp before the battery can go into deep discharge (in conditions of extended power failures). When the AC power is restored the pulse type charger automatically returns the battery to full charge in 24 hours, and monitors the battery to maintain full charge.

### ■ Charger

Electrical power requirements:  
120 V, 60 Hz, 0.046 A, 4.17 W  
277 V, 60 Hz, 0.024 A, 4.76 W

Transfer: Dust tight relay automatically and instantly energizes lamp load upon failure of AC supply. Battery protection circuit automatically shuts down lamp load when battery reaches 87 1/2% of it's rated voltage. Charger: pulse type charger is 100% solid state, includes auto-equalize, temperature compensation and is controlled by a 1% Zener reference.

### ■ Battery

The Internally Self-Powered Pot-Lite contains a long-life, nickel cadmium battery with a life expectancy of ten years. This battery will operate in extreme temperature ranges without experiencing the dry out problem sometimes associated with a plastic case battery design. At low temperatures the low internal resistance of the cell minimizes internal voltage drop. The low self discharge rate reduces capacity loss during shipment and storage. Operating temperature range is -20°C to +40°C. Capacity will vary with temperature.

### Some of the places you'll find Series RSTH emergency fixtures:

- Restaurants, hotels and clubs
- Office and lobby interiors
- Boutiques and spas
- Museums and galleries
- Reception areas
- Larger residential properties

### Standard Features

- CSA NRTL UL 924 certified
- Replaceable nicad battery
- Pulse type charger
- Low voltage disconnect circuit
- Sealed dust proof transfer relay
- Brownout protection
- Temperature compensated charger
- Available with MR16 halogen bulbs
- AC "ON" LED, "CHARGE" cycle on LED test switch
- Furnished with hangers bar kit

## specifications

### Series RSTH emergency lighting fixture

The contractor will supply and install Lightalarms Series RSTH internally self-powered model #RSTH24 <sup>color</sup> SP-U recessed emergency lighting unit with back box. The recessed gimbal will be constructed of a durable powder coated, die cast aluminum, a MR16 lamp for the light source, and a sealed maintenance-free nicad battery with an expected life of ten years.

The light source shall be adjustable in azimuth by 359° and in pitch by 90° to properly mark the path of egress.

The light source will be a 6 volt 6 watt MR16 halogen lamp. The emergency lighting fixture will provide illumination in emergency operation and receive DC power from the internal nicad battery. The unit will operate in the emergency mode for a period of not less than 90 minutes as required by NFPA101, Life Safety Code.

Replacement lamp number: 580.0074-L

## options

Color	Suffix
White . . . . .	-WH
Black . . . . .	-BK
Brushed nickel . . . . .	-BN
Chrome . . . . .	-CH
Polished brass . . . . .	-PB

## ordering format

RSTH24	WH	SP-U
Model	Color	Standard catalog construction