

EVEREADY LIGHTING

FAQS



What is an Incandescent Lamp?

An incandescent lamp is a form of electric light. Incandescent bulbs are so effective that they have been broadly accepted around the world for all sorts of lighting uses, from lighting up the inside of an oven to providing safety lighting for parking lots. The way in which an incandescent lamp works is remarkably simple, and the design



produce, is in the form of heat. To reduce the amount of heat created by these lamps, use a lower watt bulb (like the **EVEREADY** 20W instead of 100W).

My incandescent lamps have been failing earlier than the specified life. Why is this?

The life of an Incandescent lamp can be reduced by vibrations or shock and supply voltage swings. Typical examples of this type of situation are a bulb being placed in a garage door opener light fitting or in a ceiling fan. To prevent this from occurring, try to use a lamp with a stronger filament.

Another cause of an incandescent lamp failing (other than leaving them on all the time), is high voltage. Incandescent lamps are very sensitive to voltage. A lamp rated at 120 volts, for example, would only last half the claimed life if exposed to 125 volts, or a third of the claimed life if the average voltage applied were 130 volts.

Incandescent lights operates by exposing a very fine filament to an electric current

has not changed much since the earliest prototypes. Incandescent lights operates by exposing a very fine filament to an electric current. The electric current will heat up the filament and stimulate the atoms inside, and will eventually produce light.

How much heat is produced by incandescent lamps?

90% of the energy produced by Incandescent and halogen lamps



Interesting

facts



Talk about an unfair race. Not only do light-emitting diodes (LEDs) require far less energy than incandescent light bulbs, but they're also much faster to physically light up. An LED can electrify in 0.01 seconds, or 10 times faster than the average incandescent light bulb (which takes 0.1 seconds to glow). The traditional bulb is just a second slower, but it's yet another reason that

