

Incandescent lamps

Definition: An incandescent light bulb, incandescent lamp or incandescent light globe is an electric light with a wire filament heated to such a high temperature that it glows with visible light (incandescence)

Incandescent light bulbs consist of an air-tight glass enclosure (the envelope, or bulb) with a filament of tungsten wire inside the bulb, through which an electric current is passed. Contact wires and a base with two (or more) conductors provide electrical connections to the filament.

Explanatory Notes (B) to Heading 85.39:

OTHER FILAMENT LAMPS, EXCLUDING ULTRA-VIOLET OR INFRA-RED LAMPS:

The light is produced by a filament (metal or carbon) which is heated to incandescence by the passage of an electric current, the glass envelope (sometimes coloured) being either evacuated or filled with an inert gas under low pressure; in the base, which may be of the screw or bayonet type for fixing in the lamp-holder, are the necessary electrical contacts.

It should be noted that filament lamps also include halogen lamps.