

A lighting device based on microwave electrodeless lamp relates to lighting technology, and in particular to discharge lamps in which the source of light is a plasma, which is formed by microwave energy. To lighting devices based on microwave electrodeless lamp waveguide tee is introduced, through which the branching waveguide system into two parts and attaching it to both ends of a waveguide with surfaces having light-emitting hole, which is located inside the electrodeless lamp. Using the proposed device provides a stable excitation of the electrodeless lamp and uniform the spectral composition of the light radiation.