

Light Fixture Remote Controlling System

Abstract

A light fixture remote controlling system of the present invention comprises a remote host and at least one light fixture; wherein the remote host has a monitoring software built therein and is electrically connected with a first wireless transmitting/receiving module and a first power amplifying module; each light fixture is provided in the body thereof with an AC-DC converter for a connection with a power source, a photoelectric module, and a controlling circuit electrically connected between the AC-DC converter and the photoelectric module, respectively; wherein the controlling circuit is further integrated with: a dimming module; a current/voltage stabilizing module; a second wireless transmitting/receiving module; a voltage/current detecting module; a second power amplifying module; and a signal processing module. The voltage/current detecting module regularly detects the voltage/current information output to the photoelectric module and the detected voltage/current information is transmitted outward by the second wireless transmitting/receiving module to be received by the first wireless transmitting/receiving module of the remote host so as to achieve the purpose of managing the operation state of each light fixture and controlling the operation of each light fixture.

Fig. 3