



LC8 APPLICATION NOTE

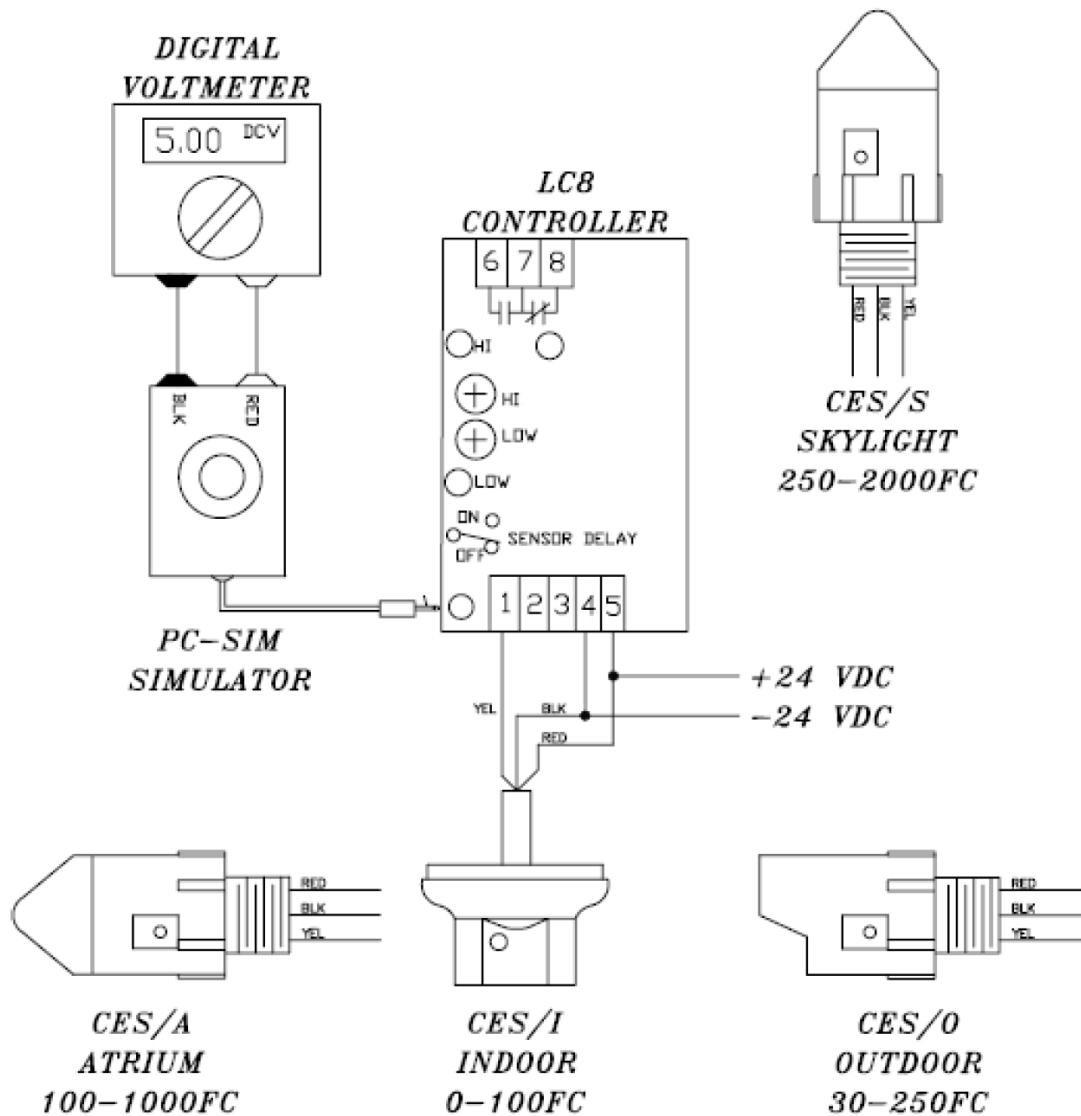
OFFICE ENTRANCE

Recently **PLC-MULTIPOINT** solved a daylighting problem in an office entrance/receptionist work area. The receptionist's area had floor to ceiling windows and glass panels with double skylights. At times the intense brightness made it difficult to work. In addition, during part of the day, the windows on the west side were shadowed by large trees.

The **LC8** lighting controller and **PCS/120** relay were installed in the equipment room and interfaced with an existing lighting contactor. A **PC9AD** dark lens skylight sensor was selected for its high footcandle range. The **LC8** controller with its built-in time delay feature prevents false switching of the lighting level for short periods. Shadows, which can cause intermittent or false switching of lights, were controlled by including an **-8T/1/2** hour Hold-On-Timer.

The **LC8** was able to overcome the problem of excess light, while providing a comfortable work environment. The energy saving **LC8** daylighting control system also qualifies for many utility rebate programs.

APPLICATION NOTES



LC8 with CES sensor & PC Simulator