

Photocell Lighting Level Control by Zone

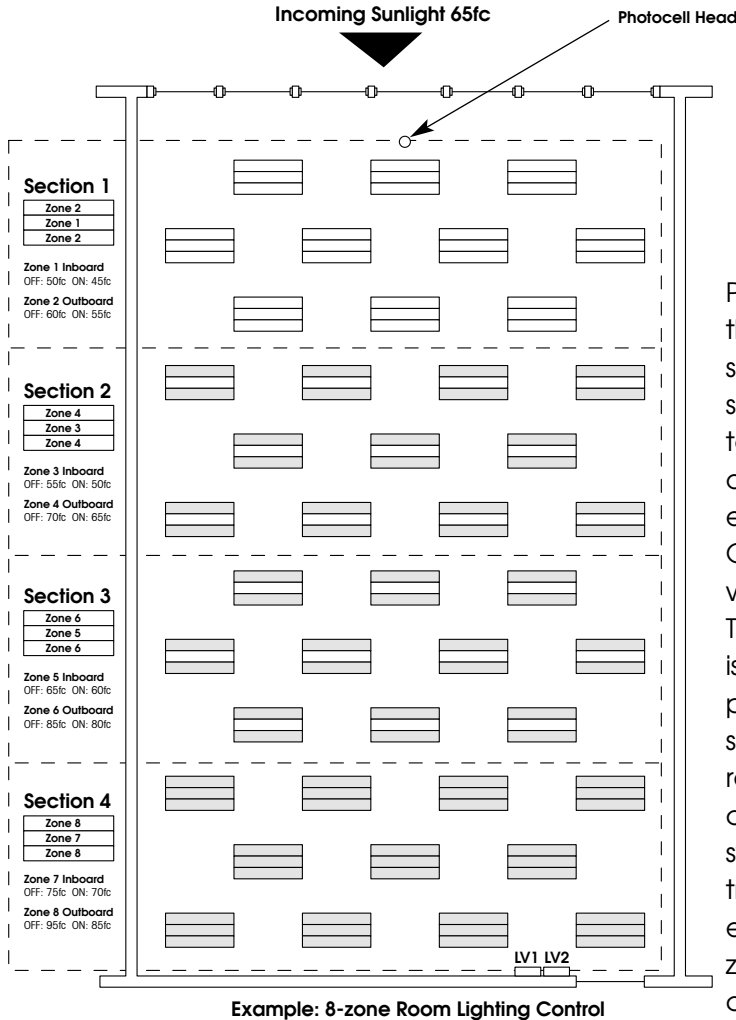


Photo control of lighting levels in this example is divided into four sections with 8 zones, individually set for ON/OFF control by the photocell. Inboard/Outboard circuiting of the fixtures is used to provide even lighting across all sections. One ILC LightSync Photo Controller with an indoor sensor head is used. The LightMaster controller's keypad is used to program photocell set points (255 steps of the 0-1000fc scale) for all 8 zones, and mapping relays to lighting loads. LightMaster also allows LightSync data line switches to provide local zone control, overriding the photocell. This example uses two: LV1, (controlling zones 1,3,5,7) and LV2 (zones 2,4,6,8 and Master All ON/OFF). The BAS system will be able to monitor the current relay status and send ON/OFF commands via the Metasys N2 communication card (LMSI-N2) in the relay panel. Optional card (LMSI-MOD) will allow a BAS interface via MODBUS ASCII or RTU protocols.

