

Lesson 6: Photosensor Basics

A Digital Photosensor is part of a system, including overrides, central programming and building-wide integration.

Our digital system allows us to remotely adjust different settings for your client to account for seasonal changes, and changing room conditions. To ensure client satisfaction, specify only digital systems that can be remotely programmed after owner occupation.

Lighting Control & Design

www.lightingcontrols.com

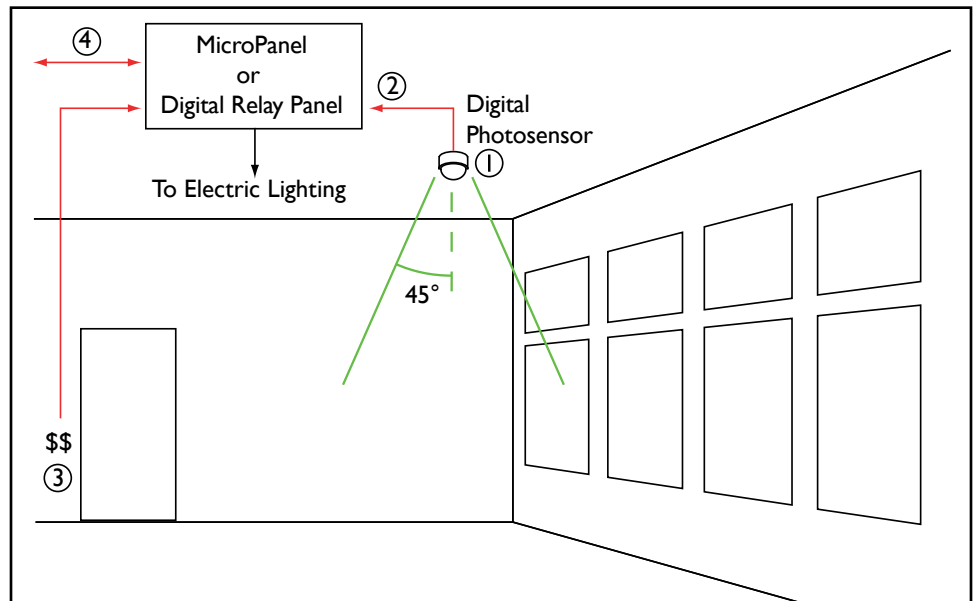
Digital Daylight Harvesting

- ① Reflected light is averaged, measured and digitally broadcast to the MicroPanel
- ② Electric lighting is switched or dimmed with a programmable lighting controller such as the MicroPanel at desired trip-points or to specific dim levels.
- ③ Programmable low voltage switches or dimmers may override (on/off, raise/lower)
- ④ Program & adjust (local or remote) over network.

Analog Daylight Harvesting

- ⑤ Analog Photosensor. Requires a ladder and screw-driver to program. Not allowed in California (per title 24). After marketing adjustments are usually not done.
- ⑥ Wall Switch is line voltage and can not be programmed to override the photosensor.

Digital Daylight Harvesting - Best Practice



Analog Daylight Harvesting - Not Recommended

