



Catalog Number	
Notes	Type

FEATURES

The DEQ APS Analog Photosensor is an ambient light sensing device that connects to a Synergy™ panel, Synergy Remote Station (SYRS EXT, SYRS EXTDS, DEQ LC or DEQ LCDS), or SIMPLY5 Sensor Connector (S5SC), as an analog input. The photosensor provides control of lighting in response to ambient light conditions.

- Indoor applications
- Color compensated to provide accurate readings
- Easy mounting
- Class-2 wiring
- Linear response curve
- Multiple set-points from a single photocell when used with Synergy or SwitchPak panels
- Daylight-compensating or daylight-tracking operation
- Switch or dim loads based on light level

System Accessories

DEQ APS

ANALOG PHOTODIODE



ORDERING INFORMATION

Example: **DEQ APS IN**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.

DEQ APS	IN
Series	Mounting
DEQ APS Digital Controller analog photosensor	IN Indoor

DEQ APS Analog Photosensor

SPECIFICATIONS

MECHANICAL

- Indoor Sensor – Mounts to accessible ceiling with supplied adhesive backing, within 6-8 feet of windows, central to the area being controlled.

CONSTRUCTION

- Material – Cylolact™ UV stabilized plastic.
- Color – White.
- Type – Blue enabled photo-diode.

ENVIRONMENTAL

- Operating Temperature: 13-140°F (11-60°C).

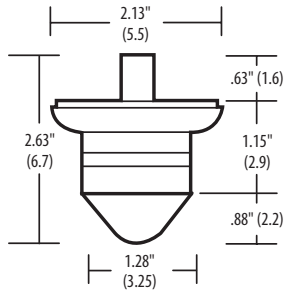
FUNCTIONAL

- Response – Linear to ambient light level over entire range. Single set point with deadband to prevent cycling or linked to outputs for multi-step or variable response; transmit up to 100 steps onto Synergy network.
- Field of View – 180° field of view with dome diffuser.

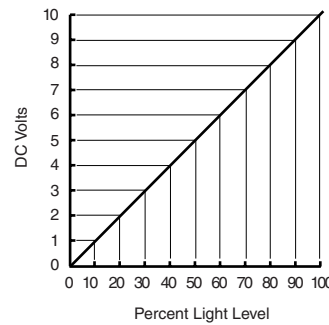
ELECTRICAL

- Accuracy: +/- 1% at 70°F (21°C)
- Input Voltage: 24 VDC, Class 2, 3 conductor #18 AWG.
- Output Range: *(see chart below)*
Indoor – 0-33 Fc = 0-10 VDC

DIMENSIONS



OUTPUT RANGE CHART



WIRING DIAGRAM

