

PHOTOCELLS



LIGHT DEPENDENT RESISTOR (CdS PHOTOCELL)

A wide range of CdS (cadmium sulphide) optical sensors are manufactured by NiCera, utilizing the optical properties of an intrinsic semi-conductor to achieve low noise, wide response and high pressure resistance.

With a spectral response similar to that of the human eye, high photoelectric sensitivity and dynamic range are realized.

These cells may be used alone or together with a variety of different sensors

Applications:

Automatic lighting

Camera exposure control

Automatic photoelectric control

Opto-electronic coupling


Automatic photoelectric inspection

Photoelectric light-controlled toys

Switching automatic devices

Chartland's standard stock Photocells reflect the demand for extra small (5x4mm) units with a specification that falls in line with most Security/Outside light applications.

N5AC20508 Value @ 10lux: 20- 50 kOhm

SPECIFICATIONS 

N5AC501085 Value @ 10lux: 50-100 kOhm

SPECIFICATIONS 