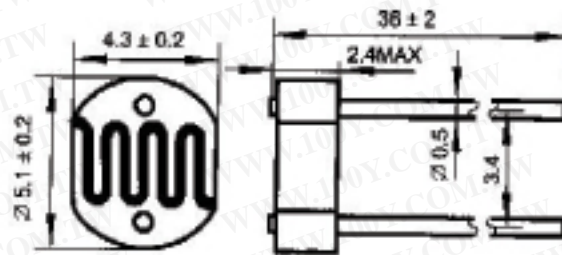




- ▲ Epoxy encapsulated
- ▲ Quick response
- ▲ Small size
- ▲ High sensitivity
- ▲ Reliable performance
- ▲ Good characteristic of spectrum

Light Resistance at 10Lux (at 25°C)	8~20KΩ
Dark Resistance at 0 Lux	1.0MΩ(min)
Gamma value at 100-10Lux	0.7
Power Dissipation(at 25°C)	100mW
Max Voltage (at 25°C)	150V
Spectral Response peak (at 25°C)	540nm
Ambient Temperature Range:	- 30~+70°C

### Outline

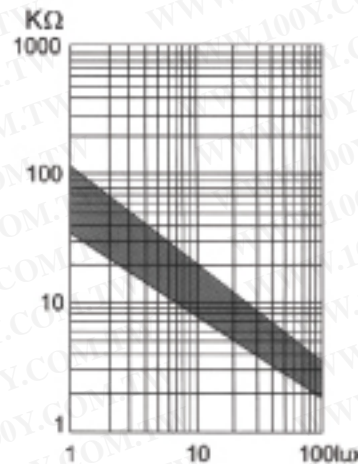


### Measuring Conditions

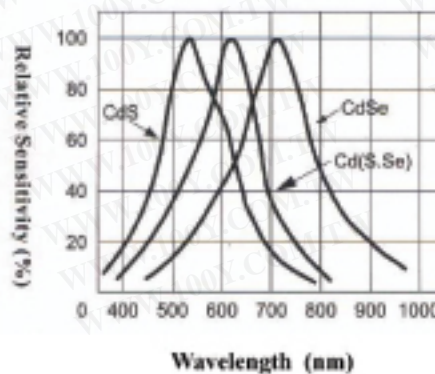
1. Light Resistance: measured at 10 lux with standard light A (2854k color temperature) and 2h pre-illumination at 400-600 lux prior to testing.
2. Dark Resistance: measured 10 seconds after pulsed 10 lux.
3. Gamma Characteristic: between 10 lux and 100 lux and given by  

$$T = \frac{\log(R_{10}/R_{100})}{\log(100/10)} = \log(R_{10}/R_{100})$$
 R10, R100 cell resistance at 10 lux and 100 lux.  
 The error of T is +0.1.
4. Pmax: Max. power dissipation at ambient temperature of 25°C.
5. Vmax: Max. voltage in darkness that may be applied to the cell continuously.

### Illuminance Vs. Photo Resistance



### Spectral Response



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)