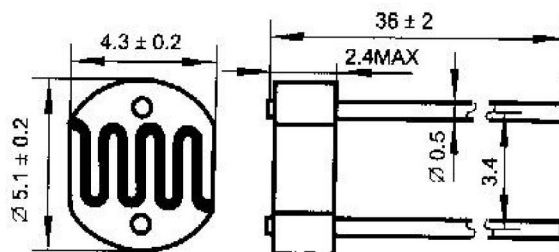


- ▲ Epoxy encapsulated
- ▲ Quick response
- ▲ Small size
- ▲ High sensitivity
- ▲ Reliable performance
- ▲ Good characteristic of spectrum

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

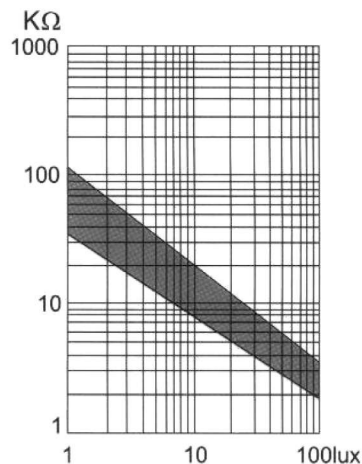


Measuring Conditions

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. P_{max}:
Max. power dissipation at ambient temperature of 25°C.
5. V_{max}:
Max. voltage in darkness that may be applied to the cell continuously.

Illuminance Vs. Photo Resistance



Spectral Response

