

晶创和立科技

GL5626

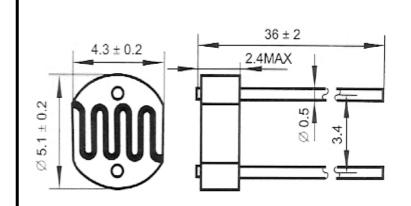
MINIATURE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELL



FEATURES

- Miniature open frame package
- Epoxy coated
- Moisture resistant
- Spectral response similar to the human eye
- Applications include dusk-dawn lighting control

LIGHT DEPENDENT RESISTOR



Dimensions in millimetres

SPECIFICATION AND PERFORMANCE

| Model | Vmax (VDC) | Pmax (mW) | Ambient temp(°C) | neak | Light Resistance at 10Lux (KΩ) | Dark Resistance (MΩ) | Gamm a value at 100- 10Lux | i Response Time (ms) i | |
|--------|---------------|--------------|------------------|------|---|----------------------------|-------------------------------------|------------------------|---------------|
| | | | | | | | | Rise Time | Decay time |
| GL5626 | 150 | 90 | -30~+70 | 540 | 10-20 | 2 | 0.7 | 30 | 30 |

Measuring Conditions

1. Light resistance:

Measured at 10 Lux with standard light A (2854K color temperature) and 2hr illumination at 400-600 lux prior to testing.

2. Dark Resistance:

Measured 10 senconds after closed 10 lux.

3. Gamma Characteristic:

Between 10 lux ande 100 lux and given by y = Ig(R10/R100)

R10 R100 Cell resistance at 10 lux and 100 lux

The error of γ is \pm 0.1.

4. Pmax:

Max. power dissipation at ambient temperature of 25 $^{\circ}$ C.

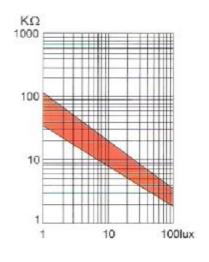
5. Vmax:

Max. voltage in darkness that may be applied to the cell continuously.

Relative Sensitivity (%) 0 400 500 600 700 800 900 1000

Wavelength (nm)

Spectral Response





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