

晶创和立科技

GL7516

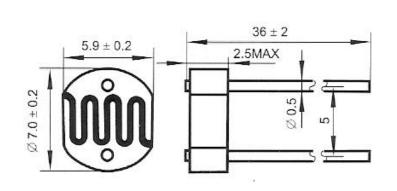
MINIATURE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELL



FEATURES

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

LIGHT DEPENDENT RESISTOR



Dimensions in millimetres

SPECIFICATION AND PERFORMANCE

| Model | Vmax (VDC) | Pmax (mW) | Ambient temp() | Spectral peak (nm) | Light Resistance at 10Lux (Kl,) | Dark Resistance (Ml,) | Gamm a value at 100- 10Lux | Response Time (ms) | |
|--------|---------------|--------------|-----------------|--------------------------|--|-----------------------------|-------------------------------------|--------------------|------------|
| | | | | | | | | Rise Time | Decay time |
| GL7516 | 150 | 100 | -30~+70 | 540 | 5-10 | 1 | 0.7 | 20 | 30 |

Measuring Conditions

1. Light resistance:

lighting control

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 ${}^{1}\!\!\!\!/\tilde{A}= Ig(R10/R100)$

R10、R100 Cell resistance at 10 lux and 100 lux

The error of $|\tilde{A}$ is ± 0.1 .

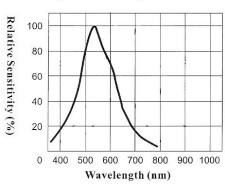
4. Pmax:

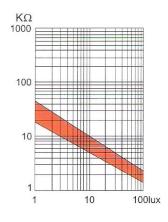
Max. power dissipation at ambient temperature of 25 .

5. Vmax:

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

Spectral Response







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