

晶创和立科技

GL3516

MINIATURE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELL



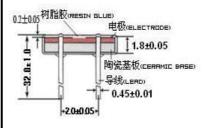
FEATURES

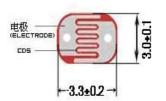
- Miniature open frame package
- Epoxy coated
- Moisture resistant
- Spectral response similar to the human eye
- Applications include dusk-dawn lighting control

LIGHT DEPENDENT RESISTOR

CDS 光敏电阻尺寸图 •3系列

单位: mm





Dimensions in millimetres

SPECIFICATION AND PERFORMANCE

Model	Vmax (VDC)	Pmax (mW)	Ambient temp(°C)	Spectral peak (nm)	Light Resistance at 10Lux (KΩ)	Dark Resistance (MΩ)	Gamm a value at 100- 10Lux	Response Time (ms)	
								Rise Time	Decay time
GL3516	90	100	-30~+70	540	5-10	0.5	0.7	20	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:

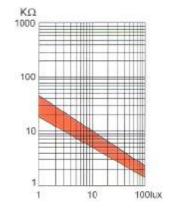
Max. power dissipation at ambient temperature of 25 $^{\circ}$ C.

5. Vmax:

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

Spectral Response Relative Sensitivity (%) 20 400 500 600 700 800 900 1000

Wavelength (nm)



照度-阻值特性图



深圳市晶创和立科技有限公司 SHENZHEN JINGCHUANGHELI TECHNOLOGY CO., LTD.

TEL: +86-755-2321 0829 FAX: +86-755-2321 0825

Http://www.szjchl.com E-mail:heli@szjchl.com

东省 深圳市 龙华新区民治街道牛栏前天宫安防大厦 9CF013 室