深圳市晶创和立科技有限公司

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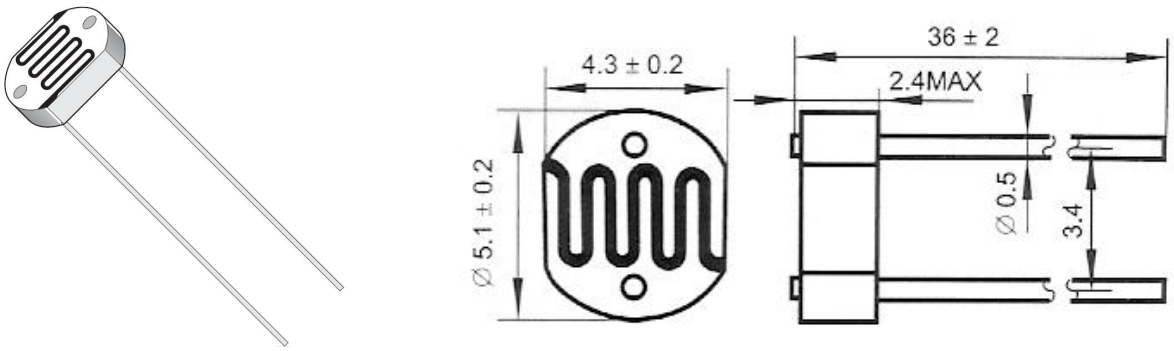
广东省 深圳市 宝安区 龙华南方明珠数码广场 **A531** 室

Room A531, Digital Square South Pearl,Longhua Town,Baoan District,Shenzhen P.R.C.



GL55 系列外形尺寸图

参数表

型号	耐压	最大功率	环境温度	中心波长	亮电阻	暗电阻	γ 值	响应时间
GL5516	150V	90MW	-30-70 C	540NM	5-10K	0.2M	0.6	30MS
GL5528	150V	90MW	-30-70 C	540NM	8-20K	1M	0.65	30MS
GL5537	150V	90MW	-30-70 C	540NM	20-50K	5M	0.7	30MS
GL5539	150V	90MW	-30-70 C	540NM	30-90K	10M	0.7	30MS
GL5549	150V	90MW	-30-70 C	540NM	80-150K	20M	0.8	30MS

基本概念：

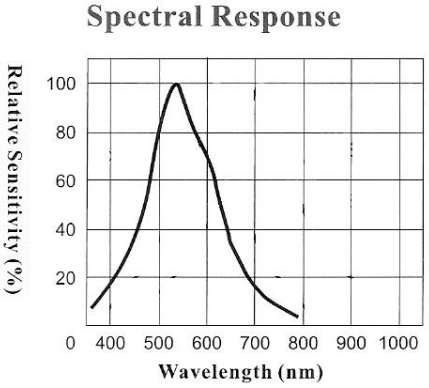
1 亮电阻：是指光敏电阻在 400-600LUX（色温为 2854K 的 A 光源）下照射 2 个小时后在环境温度为 15-25 度、光强为 10LUX 条件下测得的阻值。

2，暗电阻：是指光线强度从 10LUX 变到 0LUX 后第 10 秒钟时的阻值。

3，γ 值：他是反映光敏电阻阻值与光线变化之间关系的一个系数，γ = lg(R10/R100)

光谱曲线图

基本概念： 光谱峰



值：

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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.

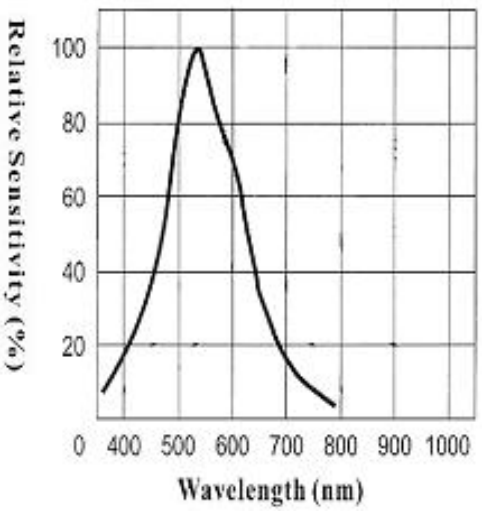
2. Dark Resistance:
Measured 10 senconds after closed 10 lux.

3. Gamma Characteristic:
Between 10 lux ande 100 lux and given by
γ = lg(R10/R100)
R10、R100 Cell resistance at 10 lux and 100 lux.
The error of γ is ± 0.1.

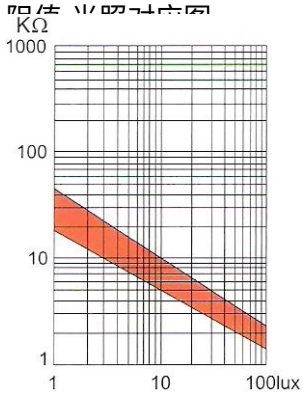
4. Pmax:
Max. power dissipation at ambient temperature of 25 ℃.

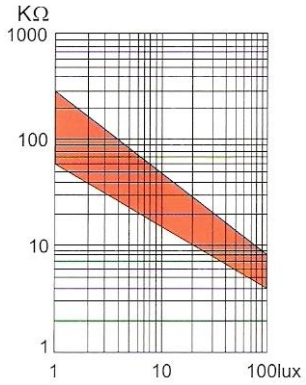
5. Vmax:
Max. voltage in darkness that may be applied to the cell continuously.

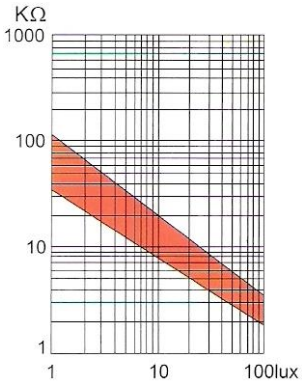
Spectral Response



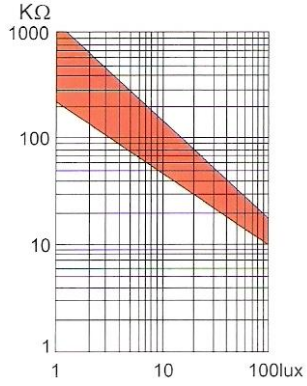
阻值-光照对应图



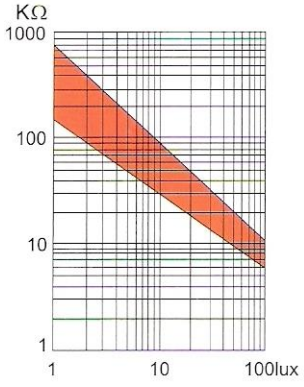




GL5537(GL5637)



GL5539(GL5639)



GL5549(GL5649)

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