



深圳市晶创和立科技有限公司

SHENZHEN JINGCHUANGHELI TECHNOLOGY CO., LTD.

TEL: +86-755-2321 0829

[Http://www.szichl.com](http://www.szichl.com)

FAX: +86-755-2321 0825

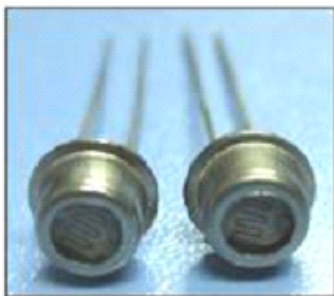
[E-mail:heli@szichl.com](mailto:heli@szichl.com)

广东省 深圳市 龙华新区民治街道牛栏前天宫安防大厦 9CF013 室

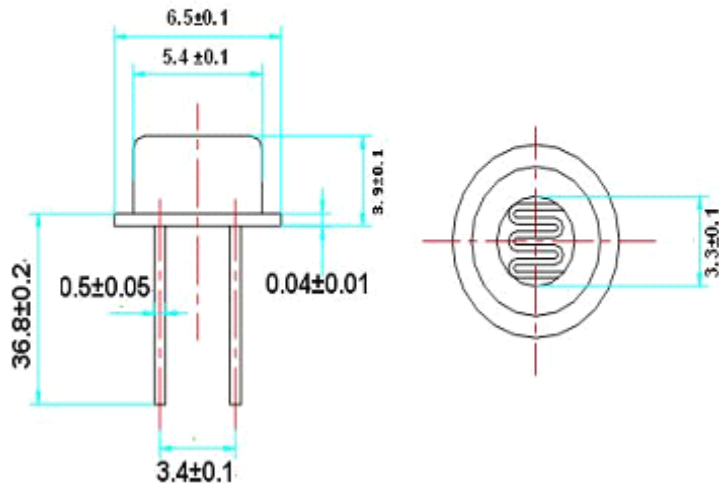
Room 9CF013, Temple security building, Niulanqian Minzhi street, Longhua district Shenzhen P. R. C

5mm 光敏电阻规格书

外形尺寸:



LIGHT DEPENDENT RESISTOR



FEATURES

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

型号参数表:

Model	Vmax (VDC)	Pmax (mW)	Photo Resistance (10Lux)(KΩ)	Dark Resistance (MΩ)	Y
>>>Φ5MM					
<u>JSGL5516</u>	150	90	5-10	0.2	0.6
<u>JSGL5528</u>	150	100	8-20	1.0	0.7
<u>JSGL5537</u>	150	100	18-50	2.0	0.7
<u>JSGL5539</u>	150	100	30-90	5.0	0.8
<u>JSGL5549</u>	150	100	45-140	10.0	0.8



深圳市晶创和立科技有限公司

SHENZHEN JINGCHUANGHELI TECHNOLOGY CO., LTD.

TEL: +86-755-3369 3441

[Http://www.szjchl.com](http://www.szjchl.com)

FAX: +86-755-3369 3443

[E-mail:heli@szjchl.com](mailto:heli@szjchl.com)

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.

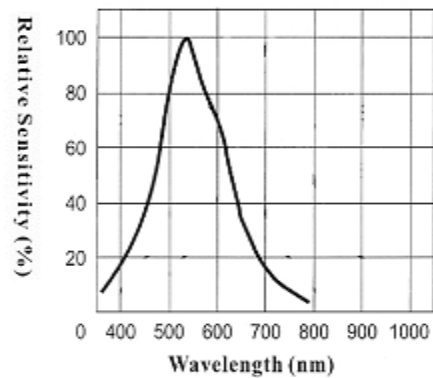
基本概念:

光谱峰值:

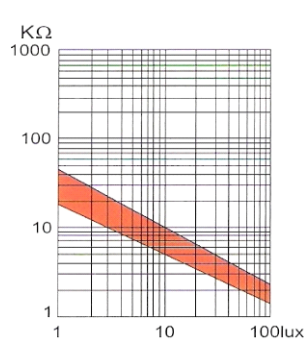
Measuring Conditions

- 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 seconds after closed 10 lux.
- 3. Gamma Characteristic:**
Between 10 lux and 100 lux and given by $\gamma = \lg(R_{10}/R_{100})$
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 °C.
- 5. Vmax:**
Max. voltage in darkness that may be applied to the cell continuously.

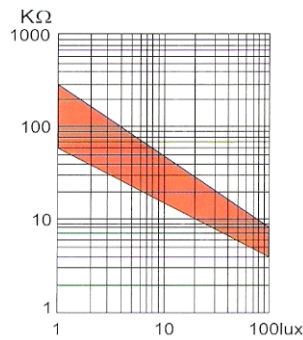
Spectral Response



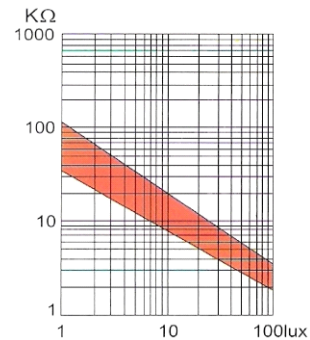
阻值-光照对应图



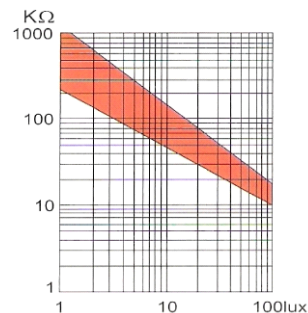
GL5516(GL5616)



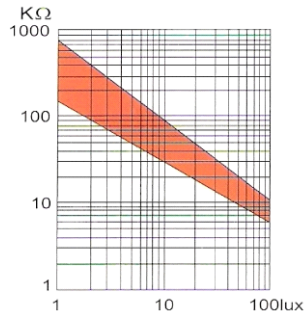
GL5528(GL5628)



GL5537(GL5637)



GL5539(GL5639)



GL5549(GL5649)