GL4526 Photoresistor

Schematic Drawing

Performances and Features
- Coated with epoxy
- Good reliability
- Small volume
- High sensitivity
- Quick response
- Good spectrum characteristic

Typical Applications
- Camera automation photometry
- Photoelectric control
- Indoor sunlight control
- Annunciator
- Industrial control
- Optical control switch
- Optical control lamp
- Electronic toy

Standard Type and Specifications

Mobicon Holdings Limited
7/F., New Trend Centre, 704 Prince Edward Road East, San Po Kong, Kowloon, Hong Kong.
Tel: (852) 2397 6628 / 2397 8218; Fax: (852) 2397 0339 / 2397 8187
http://www.mobicon.com E-mail: info@mobicon.com
### Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Maximum Voltage</th>
<th>Maximum Power</th>
<th>Environmental Temperature</th>
<th>Spectrum Peak Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL4526</td>
<td>150</td>
<td>50</td>
<td>-30°C to +70°C</td>
<td>540</td>
</tr>
</tbody>
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### Testing Conditions

**Max external voltage:** Maximum voltage to be continuously given to component in the dark.  
**Max power consumption:** Maximum power at the environmental temperature 25°C.  
**Light resistance** Irradiate by 400-600 Lux light for two hours, then test with 10 Lux under standard light source A (as colour temperature 2856K).  
**Dark resistance** Refer to the resistance value ten seconds after the 10 Lux light is shut up.

### Main Characteristics Curve and Dimensions
Specification  unit: mm

外形尺寸圖 單位：mm
**Relative Resistance (%)**

![Graph showing Relative Resistance vs Temperature (°C)]

**Temperature Property**

**Relative Response (%)**

![Graph showing Relative Response vs Wavelength (nm)]

**Spectrum Response Characteristic**

**Illuminance-Resistance Characteristics Curve**
**Packaging and Notice**

This product is packed with the environmental protection material. Small package have 100PCS, and big package have 1000PCS.

Avoid storing CdS in wet or high temperature environment.

Soldering time is as short as possible.

It is recommended that the welding length of the CdS’s down-lead should not be less than 4mm.