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

**SPECIFICATION AND PERFORMANCE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Vmax (VDC)</th>
<th>Pmax (mW)</th>
<th>Ambient temp(℃)</th>
<th>Spectral peak (nm)</th>
<th>Light Resistance at 10Lux (KΩ)</th>
<th>Dark Resistance (MΩ)</th>
<th>Gamma value at 100-10Lux</th>
<th>Response Time (ms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL4516</td>
<td>150</td>
<td>100</td>
<td>-30~+70</td>
<td>540</td>
<td>5-10</td>
<td>0.5</td>
<td>0.6</td>
<td>20</td>
</tr>
</tbody>
</table>

**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 $\gamma$ 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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