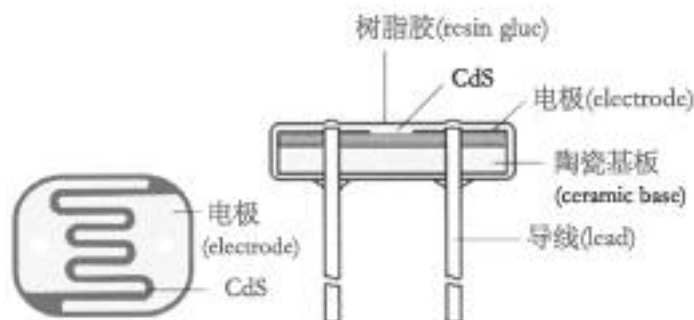


## GL5549

## Schematic Drawing



## Performances and Features

Coated with epoxy

Small volume

Quick response

Good reliability

High sensitivity

Good spectrum characteristic

## Typical Applications

Camera automation photometry

Indoor sunlight control

Industrial control

Optical control lamp

Photoelectric control

Annunciator

Optical control switch

Electronic toy

## Standard Type and Specifications

Specification	Type	Maximum Voltage	Maximum power	Environmental temperature	Spectrum peak value
Φ 5	GL5549	150	100	-30~+70	540

Specification	Light resistance (10Lux) (KΩ)	Dark resistance (MΩ)	$\gamma_{10}^{100}$	Response time (ms)		Illuminance resistance characteristic
				Increase	Decrease	
Φ 5	100-200	10	0.9	20	30	

## 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 400-600Lux light for two hours, then test with 10Lux under standard light source A(as colour temperature 2856K)

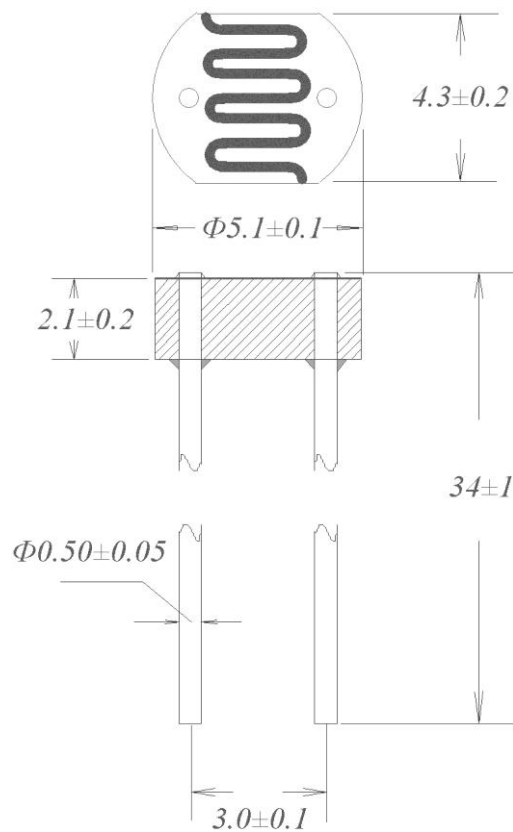
**Dark resistance** Refer to the resistance value ten seconds after the 10Lux light is shut up.

## Packaging and Notice

500PCS/ Bag

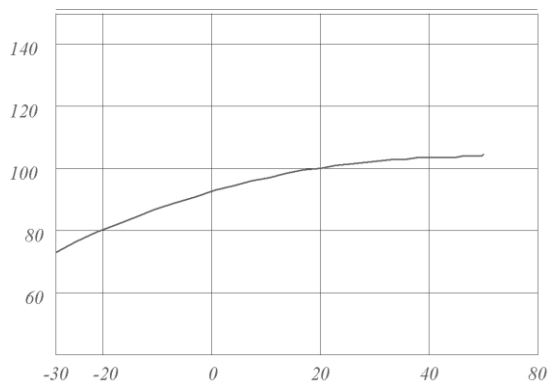
2000PCS/ Box

## Main Characteristics Curve and Dimensions



Specification unit: mm

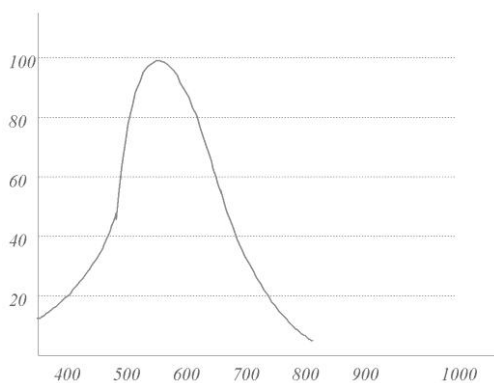
Relative Resistance (%)



Temperature (°C)

Temperature-Property

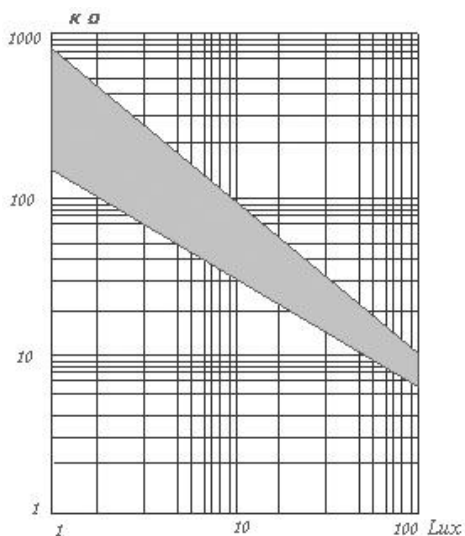
Relative Response (%)



Wavelength λ (nm)

Spectrum Response Characteristic

Illuminance-Resistance Characteristics Curve



Illuminance –Resistance Curve