

## High Power Infrared LED

- 1) Wavelength: 850nm
- 2) 10mm water clear lens
- 3) 350mA
- 4) Viewing angle:20 degree

### Features

Chip material	AlGaAs.
Emitted color	infrared.
Lens	10mm, water clear
Low power	consumption
Chip size	40mil
Wavelength	850nm
Viewing angle	20 degree

High efficiency

Versatile mounting on P.C. Board or panel.

Compliance RoHs standard.

Absolute Max Rating

Power dissipation	1260mW
Forward current	350mA
Peak forward current	1A
Reverse voltage	5V
Electrostatic discharge	ESD 1000V
Operating temperature	-40~85 degree
Storage Temperature	-40~85 degree
Soldering temperature	260 +/-5 degree

Electronics & Optical Characteristics

Forward voltage	1.55-1.8V
Radiant intensity@350mA	>135mw/sr
Reverse current	10uA.

### Application:

1. Optical coupler
2. Smoke detector
3. Alarm and safety equipment
4. Analog and digital Hi-Fi audio and video signal transmission
5. High data transmission rate up to 100M baud. (IR keyboard, Joystick, Multimedia)

Certificates: Rohs, SGS, REACH

**Our advantage:**

1. Qualified supplier for many famous brand such as LG, BenQ, AOC.
2. Automatic production line
3. Quality management system TS16949 ensure the high quality
4. 16 years experience in the production of led manufacturer.

We have important business in the overseas market due to our high quality and reasonable prices. Also, we can supply IR LED according to customers' requirements! We have confidence that you will satisfy with our products and service. We not only promise the good quality but also stable quality. Customer no need usually change suppliers again! Above items are just a part, many more Cisco products are not listed out, please feel free contact us for more details. Thank you for your attention

**Company information:**

Xiamen Guangpu Electronics Co., Ltd. was found in 1994. We is an exporter of China (Mainland) Diodes products. Our products are mainly sold to North America Eastern Europe Southeast Asia Mid East Eastern Asia Western Europe! We have a perfect quality management system to ensure the quality of our products. We warmly welcome all friends from all over the world to be our business partners on the basis of equality and benefits to create a good future. please visit our website at [www.gpelec.com](http://www.gpelec.com) for a full list of products.