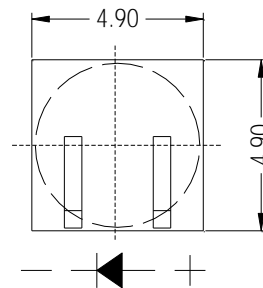
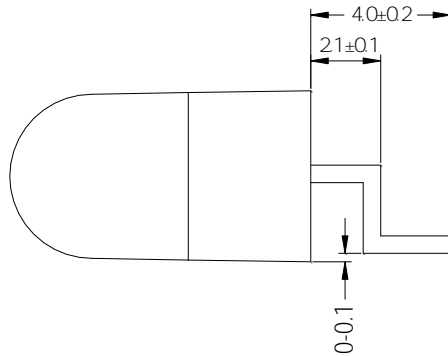
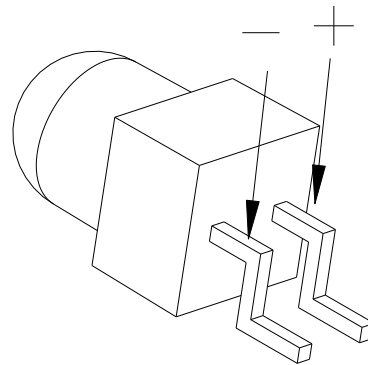
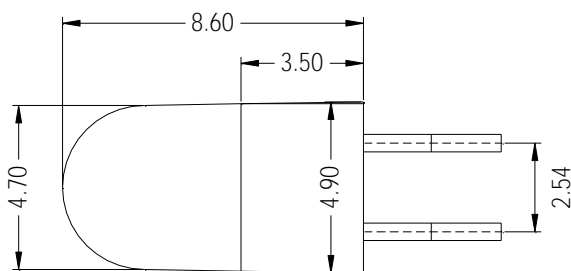


Features

- ◆ Pb free product RoHS compliant
- ◆ High Photo Sensitivity
- ◆ Reliable and rugged
- ◆ Long life solid state reliability
- ◆ Sensitivity angle: 55 °

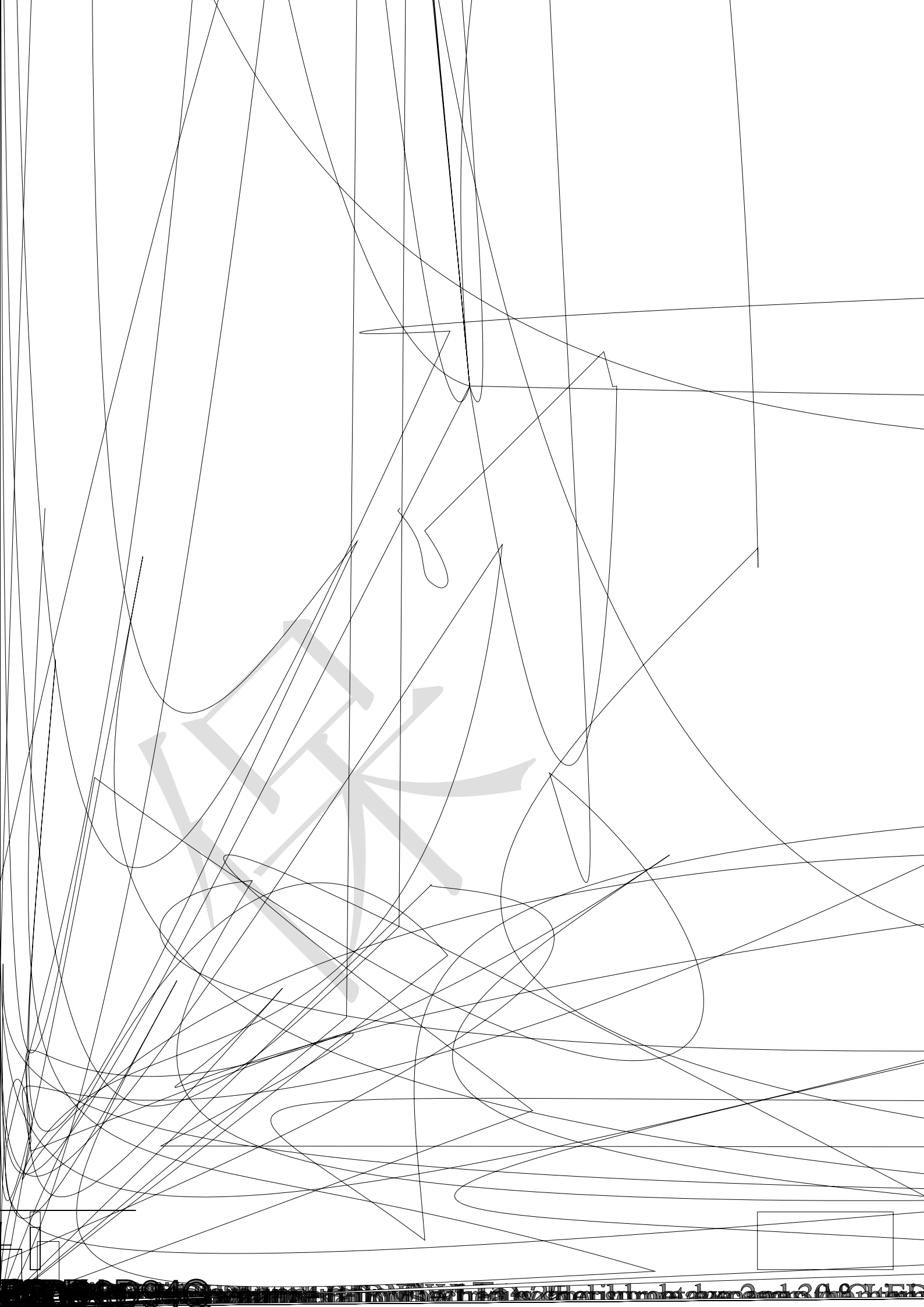
Package Dimension



Part NO.	Chip Material	Lens Color
LG-05PD2D94Q-557K-B-T	Silicon	Black

Notes:

1. All dimensions are in millimeters.
2. Tolerance is $\pm 0.20\text{mm}$ unless otherwise noted.
3. Protruded resin under flange is 1.0mm max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

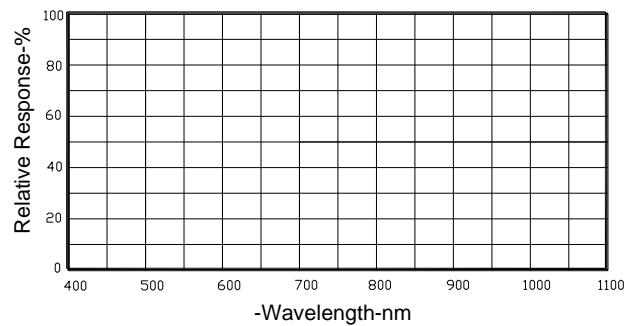


Light

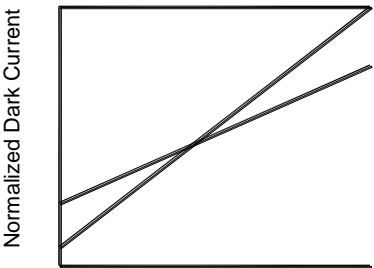
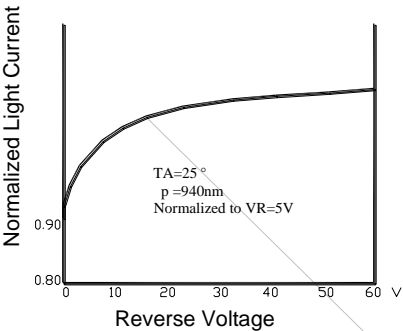
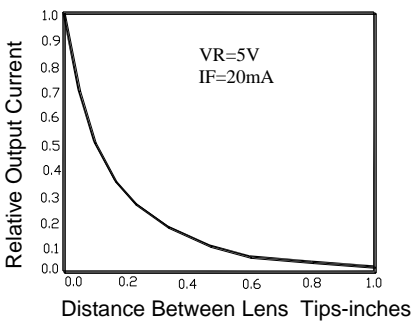
LIGHT

Typical Electrical / Optical Characteristics Curves (25°C Ambient Temperature Unless Otherwise Noted)

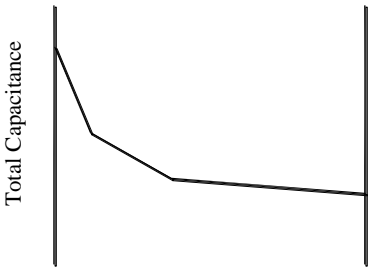
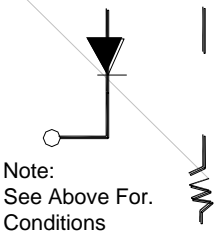
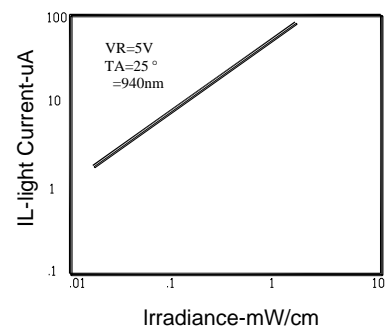
Relative Response vs. Wavelength



Coupling Characteristics

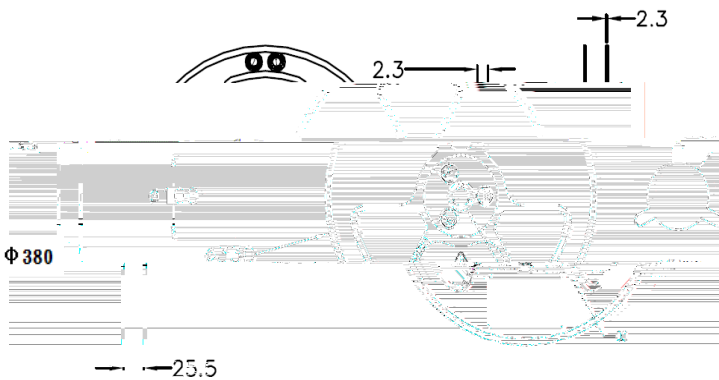
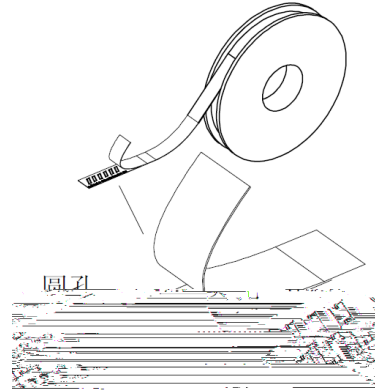
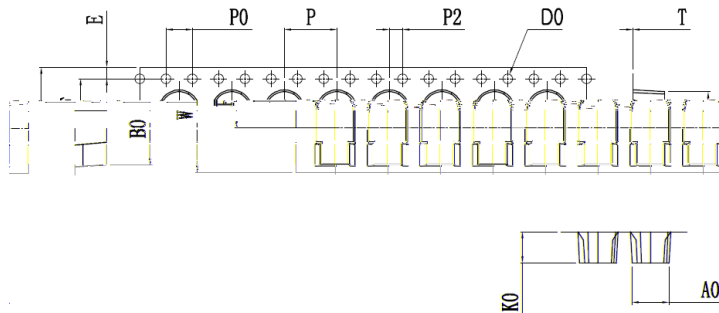


Light Current vs. Irradiance



Package

Package Dimensions



Item	Specification	
	Minnum	Maximum
W	15.97	16.3
P	7.9	8.1
E	1.65	1.85
F	7.4	7.6
D	1.5	1.6
P0	3.9	4.1
P0x10	39.8	40.2
P2	1.9	2.1
A0	5.2	5.4
B0	10.6	10.8
K0	4.8	5.0

Notes:

- 1.All dimensions in millimeters.**
- 2.All dimensions meet EIA-481-C requirements.**
- 3.Cover tape by a heat sealing manner.**

