

Peak Emission Wavelength: 265nm

The MTE2650KCL9-UV emitter is specifically designed for applications requiring high radiant power output and accuracy in a TO-5 package with a special UV glass lens for optimum life time and device performance. Custom package solutions and sorting are available.

## FEATURES

- > TO-5 Metal Can Package
- > High Reliability
- > Wide Viewing Angle

## APPLICATIONS

- > UV Curing / Light Therapy / Drug Discovery
- > Air and Water Disinfection
- > DNA / Protein Analysis



### Absolute Maximum Ratings (Ta=25°C)



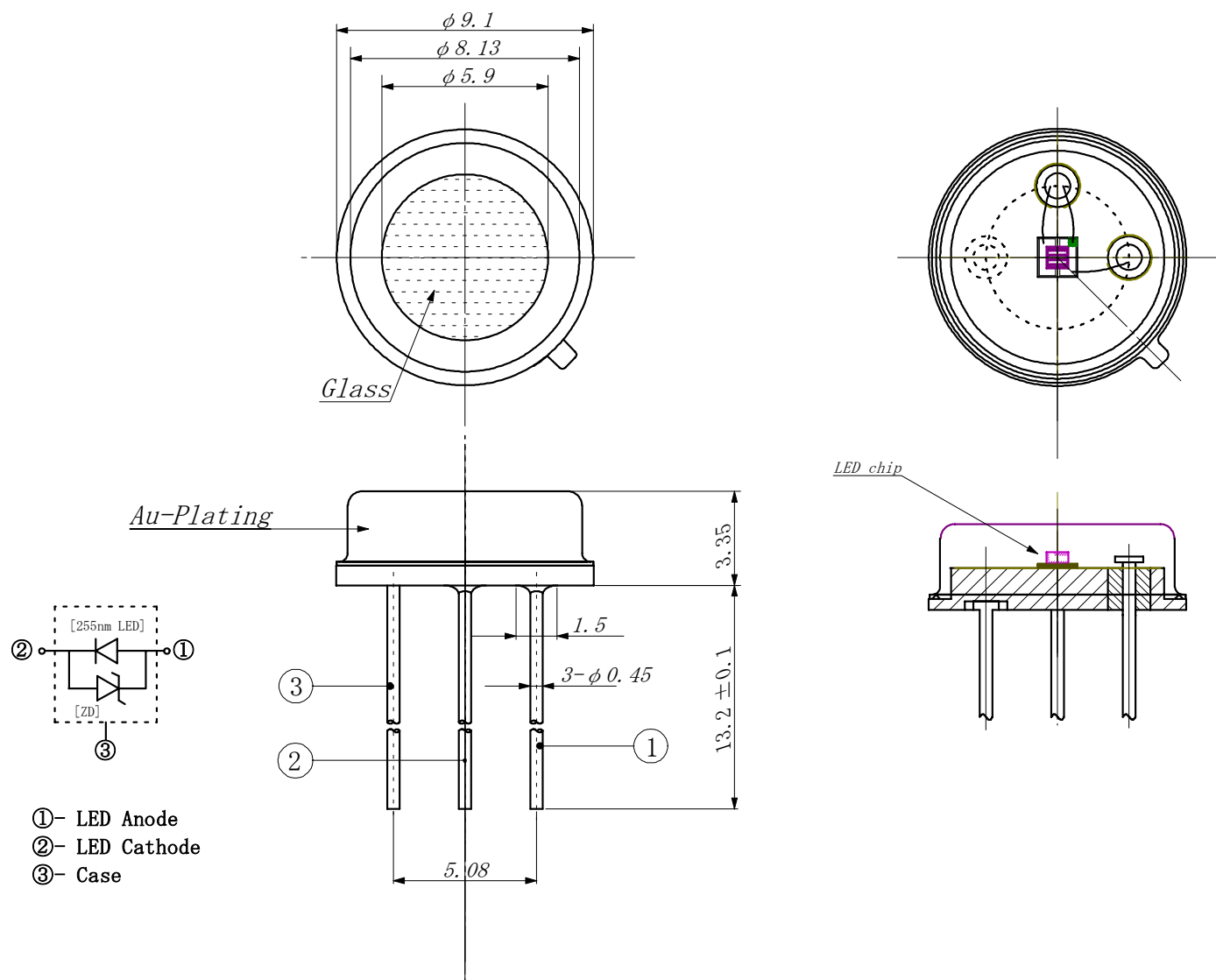
| ITEMS                   | SYMBOL | RATINGS    | UNIT |
|-------------------------|--------|------------|------|
| Forward Current         | IF     | 30         | mA   |
| Operating Temperature   | Topr   | 0 ~ +60    | °C   |
| Storage Temperature     | Tstg   | -40 ~ +100 | °C   |
| Junction Temperature    | Tj     | 85         | °C   |
| Soldering Temperature*1 | Tsol   | 300        | °C   |
|                         |        |            |      |
|                         |        |            |      |
|                         |        |            |      |
|                         |        |            |      |
| *1: Within 5 seconds.   |        |            |      |

\*1: Within 5 seconds.

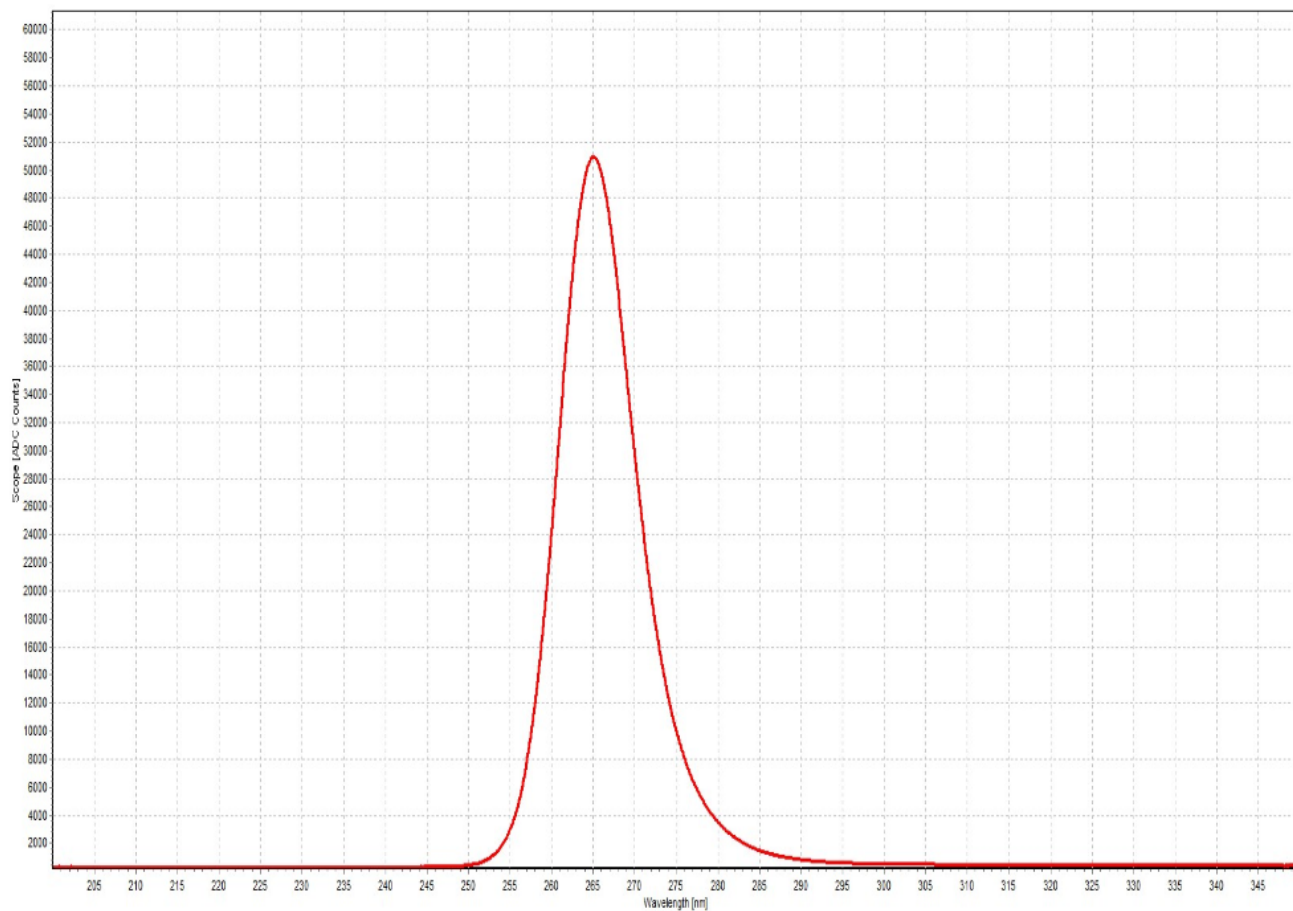
### Electrical & Optical Characteristics (Ta = 25°C)

[illegible]

## Package Dimensions

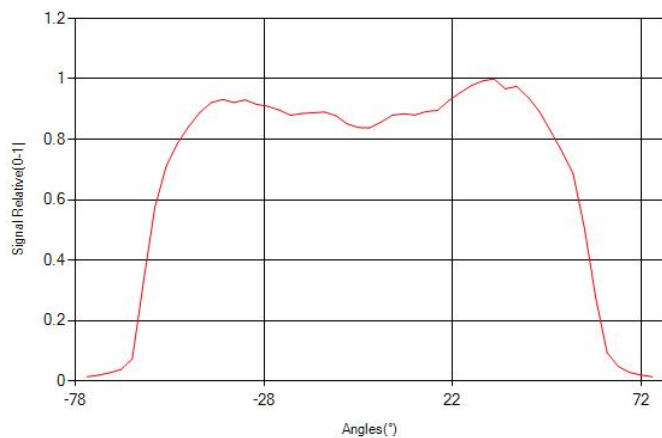


## Spectral Response

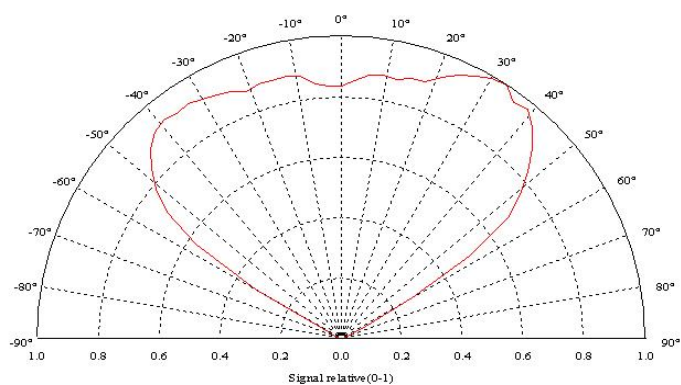


2025-09-11

Radiation Distribution



View Angle





 **CAUTION**

1. LEDs emit very strong UV radiation during operation.
2. Don't look directly into the LED light when in operation as UV radiation can harm your eyes.
3. To prevent even inadequate exposure, wear protective eyewear.
4. If LEDs are embedded in devices, please indicate warning labels against the UV LED used.
5. Avoid prolonged exposure to skin or other tissue during operation.
6. Keep out of reach of children.
7. Take appropriate precautions around pets and other living organisms to avoid UV exposure.
8. Specification and dimension are subject to change without notice.