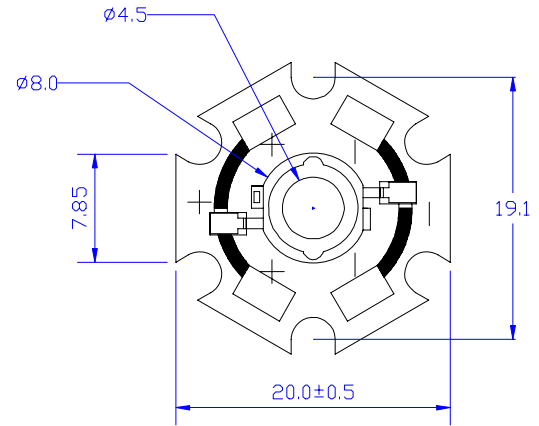


**Part No.: JSLs-1W-UY**

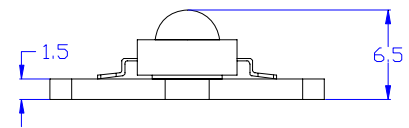
**Features:**

- Highest Flux Yellow
- High reliability and Very long operating life (up to 100K hours)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- NO UV
- Superior ESD protection



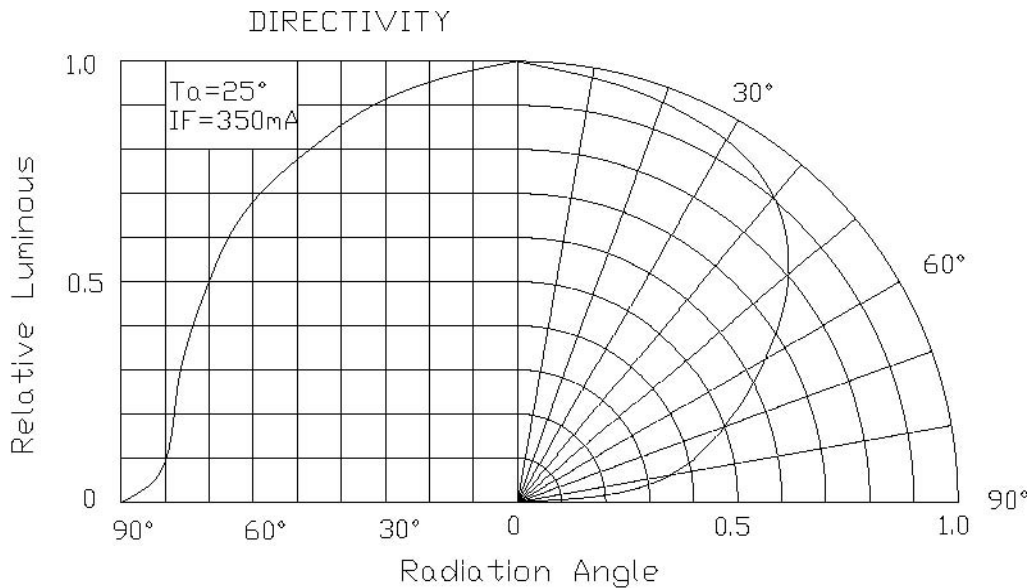
**Typical Applications:**

- Reading lights(car,bus,aircraft)
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn, CHMSL,Mirror Side Repeat)
- Decorative



**NOTE:**

- All dimensions are millimeter.
- Tolerance is  $\pm 0.25\text{mm}$  unless otherwise noted





# Ningbo Junsheng Electronics Co.,LTD.

**Part No.: JSL5-1W-UY**

## Absolute maximum ratings (Ta = 25°C)

| Parameter                | Symbol | Test Condition | Value                   |      | Unit |
|--------------------------|--------|----------------|-------------------------|------|------|
|                          |        |                | Min.                    | Max. |      |
| DC Forward Current       | IF     | ----           | ----                    | 350  | mA   |
| Peak Pulse Current       | Ipeak  | Duty=0.1, 1kHz | ----                    | 500  | mA   |
| Power Dissipation        | Pd     | ----           | ----                    | 1.2  | W    |
| LED Junction Temperature | Tj     | ----           | ----                    | 120  | °C   |
| Operating Temperature    | Topr   | ----           | -25                     | +100 | °C   |
| Storage Temperature      | Tstr   | ----           | -40                     | +120 | °C   |
| ESD Sensitivity          | ---    | HBM            | 8000                    | ---- | V    |
| Soldering Temperature    | ---    | ----           | 260°C for 5 Seconds max |      |      |

## Electrical and optical characteristics (Ta = 25°C)

| Parameter           | Symbol | Test Condition | Value |      |      | Unit |
|---------------------|--------|----------------|-------|------|------|------|
|                     |        |                | Min.  | Typ. | Max. |      |
| Forward Voltage     | VF     | IF = 350mA     |       | 2.3  | 2.6  | V    |
| Luminous Flux       | Φv     | IF = 350mA     | 30    | 45   | ---- | lm   |
| Viewing Angle       | 2θ 1/2 | IF = 350mA     | ----  | 120  | ---- | Deg. |
| Dominate Wavelength | λd     | IF = 350mA     | 585   | ---- | 595  | nm   |