

## 3mm UV Super Bright LED Lamps S300JOUV4G

3mm with Super Bright UV Dice

Encapsulated with Water Clear lens Package

Long Leads

### Absolute Maximum Ratings :

| Parameter                   | Maximum Rating                                    | Unit |
|-----------------------------|---------------------------------------------------|------|
| Peak Forward Current        | 120                                               | mA   |
| Continuous Forward Current  | 30                                                | mA   |
| Operating Temperature Range | -20 to +75                                        |      |
| Storage Temperature Range   | -40 to +100                                       |      |
| Lead Soldering Temperature  | 260 for 3 seconds<br>1.6mm (0.063 inch) from body |      |

### Electro-Optical Characteristics Ta = 25

| Parameter Radiant  | Test Condition | Symbol           | Min. | Typ. | Max. | Unit |
|--------------------|----------------|------------------|------|------|------|------|
| Forward Voltage    | If = 20mA      | Vf               | 1.80 | 3.20 | 3.80 | V    |
| Reverse Current    | Vr = 5V        | Ir               |      |      | 10   | uA   |
| Luminous Intensity | If = 20mA      | Iv               |      | 150  |      | mcd  |
| Spectral Bandwidth | If = 20mA      | $\Delta\lambda$  |      |      |      | nm   |
| Wavelength         | If = 20mA      | $\lambda_p$      | 395  | 405  | 415  | nm   |
|                    |                | $\lambda_d$      |      | 415  |      | nm   |
| Half View Angle    | If = 20mA      | 2 $\theta_{1/2}$ |      | 30   |      | deg  |

### Package

Item: 300



