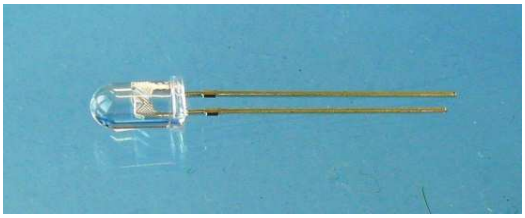
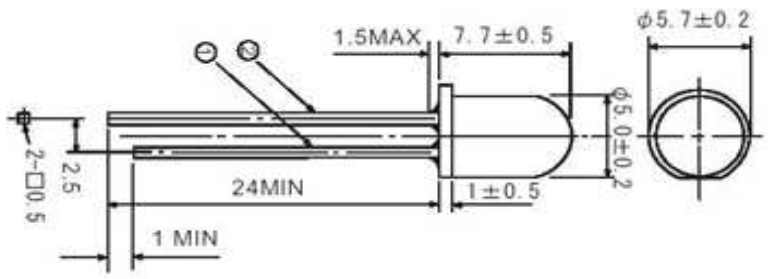
**OSA Opto Light GmbH**
Koepenicker Str. 325b, Haus 201
D-12555 Berlin
Fon: +49 (0)30 6576 2683
Fax: +49 (0)30 6576 2681
contact@osa-opto.com



## Product Data Sheet

## LED Lamp UV EOLD-365-525 Rev. 01 aus 2011

| Radiation | Type | Case |
|---|---|---|
| Ultra violet | resin mold packaged | 5mm plastic lens |




**Description:**

Dimension in mm
High power, high-speed, narrow beam angle, high reliablitiy

### Maximum Ratings

$T_{amb}$= 25℃, unless otherwise specified

| Parameter | Test Conditions | Symbol | Value | Unit |
|---|---|---|---|---|
| Forward Current | | $I_F$ | 25 | mA |
| Peak forward current | (d. c.<1/10, p. width<0.1msec) | $I_{FM}$ | 100 | mA |
| Reverse current | $V_R$ = 5V | $I_R$ | 85 | mA |
| Power dissipation | | $P_D$ | 100 | mW |
| Operating temp. range | | $T_{amb}$ | -30 to +80 | ℃ |
| Storage temp. range | | $T_{stg}$ | -30 to +85 | ℃ |
| Lead soldering temp. | < 5s, 3mm from case | $T_{slg}$ | 260 | ℃ |

### Optical and Electrical Characteristics

$T_{amb}$= 25℃, unless otherwise specified

| Parameter | Symbol | Conditions | Min | typ | max | Unit |
|---|---|---|---|---|---|---|
| Forward voltage | $V_F$ | $I_F$= 20mA | 3.0 | 3.6 | 4.2 | V |
| Radiant Power | $\Phi_e$ | $I_F$= 20mA | | 6 | | mW |
| Peak wavelength | $\lambda_p$ | $I_F$= 20mA | 363 | | 370 | nm |
| Viewing angle | φ | $I_F$= 20mA | | 15 | | deg. |
| Spectral bandwidth at 50% | $\Delta\lambda_{0,5}$ | $I_F$= 20mA | | 15 | | nm |

RoHS COMPLIANT Pb Pb-Free