



0.5W StrawHat 8mm White LED Lamp 120.000mcd

Electrical-Optical Characteristic (Ta=25°C)

| Item | | Conditions | Min. | Typ. | Max.. | Unit |
|---------------------------|----------------|------------|------|---------|---------|--------|
| Forward Voltage | VF | If=100mA | / | 3.2 | 3.4 | V |
| Reverse Current | IR | VR=5V | / | / | 2 | uA |
| Dominant Wavelength | λ_p | IF=100mA | 5500 | 6000 | 6500 | K |
| Luminous Intensity | IV | IF=100mA | / | 120,000 | 140,000 | mcd |
| Recommend Forward Current | IF(rec) | -- | -- | 100 | -- | mA |
| 50% Power Angle | 2 θ 1/2 | IF=100mA | / | 140 | / | degree |

Absolute Maximum Ratings (Ta = 25°C)

| Item | Symbol | Absolute Max. Rating | Unit |
|----------------------------|--------|-----------------------|------|
| Power Dissipation | PD | 350 | mW |
| Forward Current (DC) | IF | 100 | mA |
| Peak Forward Current | IFP | 150 | mA |
| Reverse Voltage | VR | 5 | V |
| Operation Temperature | Topr | -25~80°C | / |
| Storage Temperature | Tstg | -40~80°C | / |
| Lead Soldering Temperature | Tsol | Max. 230°C for 5 sec. | |

http://cgi.ebay.it/50p-0-5W-5-chips-8mm-White-LED-Lamp-Light-Bulb-45lm-F-S-/370373767149?pt=LH_DefaultDomain_0&hash=item563bff2fed