



YETDA INDUSTRY LTD.

**Flat Photodiode Led Lamp
P711LOD5**

- Flat with Pin silicon photodiode dices ◦
- Encapsulated with black color Package ◦
- Long Leads ◦

Absolute Maximum Ratings:

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

Electro-Optical Characteristics (Ta = 25°C)

| Parameter | TEST CONDITION | Symbol | Min. | Typ. | Max. | Unit |
|---------------------------|-----------------------|----------|------|-------|------|------|
| Reverse Dark Current | VR=10V H=0mW/cm° | ID | | 5 | 30 | nA |
| Reverse breakdown voltage | IR=100uA H=0mw/ cm° | V(BR)R | 33 | 170 | | V |
| Open circuit voltage | Cr=2870°K H+5mw/cm° | VOC | | 350 | | mA |
| Short circuit current | Cr=2870°K H+5mw/cm° | Isc | 50 | 75 | | uA |
| Reverse light current | Cr=2870°K H+5mw/cm° | IL | 50 | 80 | | |
| Total capacitance | VR=3 H=0mw/cm° f=1MHz | Ct | | 25 | | pF |
| Turn-ON/Turn-OFF Time | VR=10v RL=1000Ω | Ton/toff | | 50/50 | | ns |

Package

Item: 711

