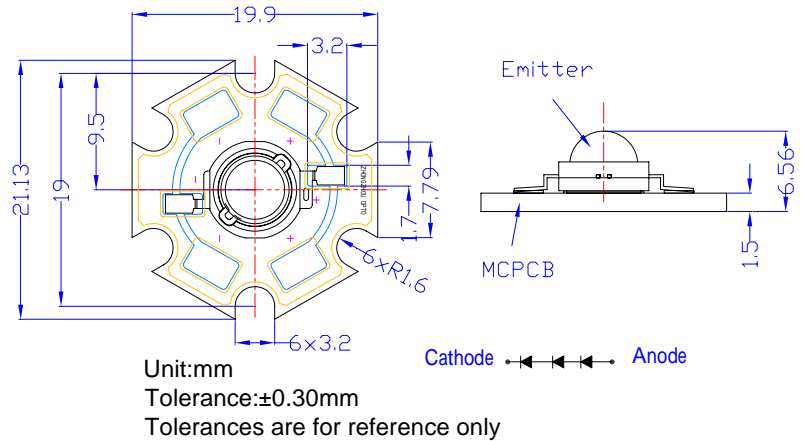


■Features

- Highest Luminous Flux
- Super Energy Efficiency
- Long Lifetime Operation
- Superior UV Resistance

■Applications

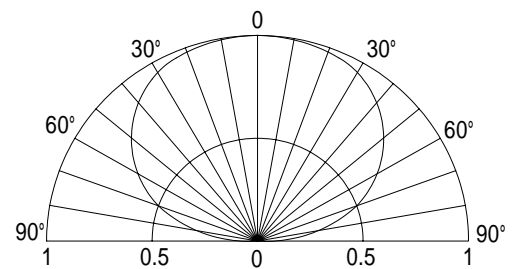
- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting
- In door / Out door Commercial lights

■Outline Dimension

■Absolute Maximum Rating

(Ta=25)

| Item | Symbol | Value | Unit |
|----------------------------|------------------|-----------|------|
| DC Forward Current | I _F | 150 | mA |
| Pulse Forward Current* | I _{FP} | 300 | mA |
| Reverse Voltage | V _R | 15 | V |
| Power Dissipation | P _D | 1710 | mW |
| Operating Temperature | T _{opr} | -30 ~ +85 | |
| Storage Temperature | T _{stg} | -40~ +100 | |
| Lead Soldering Temperature | T _{sol} | 260 /5sec | - |

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity

■Electrical -Optical Characteristics

(Ta=25)

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---------------------------|-------------------|-----------------------|------|------|------|------|
| DC Forward Voltage | V _F | I _F =120mA | 9.0 | 9.6 | 11.4 | V |
| DC Reverse Current | I _R | V _R =15V | - | - | 10 | μA |
| Luminous Flux | v | I _F =120mA | 75 | 85 | 95 | lm |
| Color Temperature | CCT | I _F =120mA | - | 3000 | - | K |
| Chromaticity Coordinates* | x | I _F =120mA | - | 0.45 | - | - |
| | y | I _F =120mA | - | 0.41 | - | - |
| 50% Power Angle | 2θ _{1/2} | I _F =120mA | - | 140 | - | deg |

Note: Don't drive at rated current more than 5s without heat sink for Xeon 1 emitter series.