

# TOSHIBA

## 4. High-Brightness Yellow LED Lamps

@Ta = 25°C

| Series Name | Package Size (mm) | Viewing Angle 2θ1/2 | Intensity I <sub>v</sub> (mcd) @I <sub>F</sub> = 20 mA |       | Product Number |                | Typical Emitting Wavelength |                     | Lens Type   | Absolute Maximum Ratings |  |  | Package Dimension Number | Typical Applications |
|-------------|-------------------|---------------------|--|-------|----------------|----------------|-----------------------------|---------------------|-------------|--------------------------|--|--|--------------------------|----------------------|
|             |                   |                     | Min  | Typ.  | Open rank      | Rank specified | λ <sub>d</sub> (nm)         | λ <sub>p</sub> (nm) |             | Guaranteed Temperature   | DC Forward Current I <sub>F</sub> (mA) | Pulse Forward Current I <sub>FF</sub> (mA) |                          |                      |
|             | ø10               | 4°                  | 8500   | 30000 | TLYH190P       | TLYH190P(XY)   | 587                         | 590                 | Transparent | *1                       | 50                                     | 200  | ø10-1                    | Traffic light        |

