

| Classification | Type No. | Package | Electro-optical Characteristics (Ta=25°C) | | | | | | Matched Detectors | |
|--------------------|------------|-------------|---|---------|----------------|---------|---------|-------------------------|-------------------|--------|
| | | | Po TYP (mW) | If (mA) | Ie MIN (mW/sr) | If (mA) | λp (nm) | θ _{1/2} (deg.) | | |
| ø4.7 Package | TLN101A | Metal TO-18 | 1.8 | 50 | 15(TYP.) | 50 | 940 | ±4 | TPS601A | |
| | TLN108 | | 3 | 50 | 10 | 50 | 940 | ±8 | TPS604 | |
| | TLN201 | | 5 | 50 | 20 | 50 | 880 | ±7 | TPS614 | |
| | TLN102 | | 4.2 | 50 | 2 | 50 | 940 | ±31 | TPS708 | |
| ø5 Package | TLN105B | Plastic | 11 | 50 | 12 | 50 | 950 | ±23.5 | TPS610 | |
| | TLN110 | | 9 | 50 | 15 | 50 | 940 | ±8 | TPS611 | |
| | TLN115A | | 13 | 50 | 15 | 50 | 950 | ±21 | TPS703 | |
| | TLN205 | | 10 | 50 | 14 | 50 | 880 | ±15 | TPS704 | |
| | TLN208 | | - | - | øø12mW TYP | 300 | 875 | ±27 | TPS705 | |
| | TLRA270 | | - | - | øø18mW TYP | 150 | 895 | ±15 | TPS706 | |
| | TLN221 | | 18 | 50 | 20 | 50 | 870 | ±21 | TPS703 | |
| | TLN222 | | 14 | 50 | 15 | 50 | 870 | ±21 | TPS704 | |
| | TLN223 | | 18 | 50 | 30 | 50 | 870 | ±13 | TPS705 | |
| | TLN224 | | 14 | 50 | 23 | 50 | 870 | ±13 | TPS706 | |
| ø4.9 Short Package | TLN225 | Plastic | 18 | 50 | 20 | 50 | 870 | ±21 | TPS721A | |
| | TLN226 | | 18 | 50 | 30 | 50 | 870 | ±13 | TPS723A | |
| ø5 Package | TLN227 | Plastic | 18 | 50 | 50 | 50 | 870 | ±5 | | |
| ø3 Package | TLN119 | Plastic | 4.5 | 20 | 2.5 | 20 | 945 | ±30 | TPS615 | |
| | TLN103A | Resin stem | 2.5 | 20 | 0.5 | 20 | 940 | ±60 | TPS616 | |
| | TLN113 | | 2.5 | 20 | 0.8 | 20 | 940 | ±40 | TPS603A | |
| | TLN203 | | 3.5 | 20 | 1 | 20 | 880 | ±35 | TPS617 | |
| Side View Type | TLN107A | Plastic | 2.0 | 20 | 0.8 | 20 | 940 | ±15 | TPS613 | |
| | TLR215A | | 0.2 | 20 | 0.1 | 20 | 700 | | TPS617 | |
| | TLN117 | | 2.0 | 20 | 20 | 20 | 940 | | TPS618 | |
| | TLN210 | | - | - | øø12mW TYP | 300 | 875 | | ±33 | TPS618 |
| | TLN211 | | - | - | øø12mW TYP | 300 | 950 | | ±30 | TPS805 |
| | TLN104 | | 3.0 | 20 | 1.5 | 20 | 940 | | ±20 | TPS806 |
| Double-End Type | TLN104(LB) | | 3.0 | 20 | 1.5 | 20 | 940 | ±20 | TPS807 | |
| | | | | | | | | | TPS808 | |

Note) øø: Radiation flux, Po: Radiant power, If: Forward current, Ie: Radiant intensity, λp: Peak wave length, θ1/2: Half Value Angle