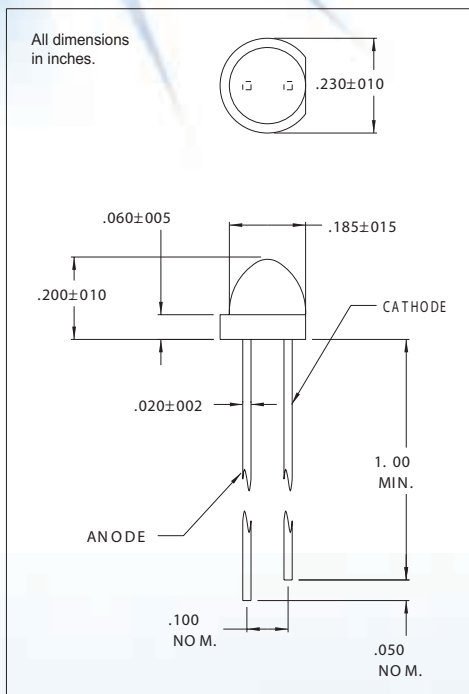


## T-1 3/4 Low Profile LED Lamps

### DESCRIPTION AND FEATURES



These low profile T-1 3/4 lamps are available in a variety of color and lens effects providing a versatile package for many applications.

### ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

| PART NUMBER                                          | CMD50152     | CMD50154    | CMD53152     | CMD53154    | CMD54152     | CMD54154    | CMD57152     | CMD57154    |
|------------------------------------------------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| Output Color                                         | Red          | Red         | Yellow       | Yellow      | H.E.Green    | H.E.Green   | H.E.Red      | H.E.Red     |
| Diffusion                                            | Non-Diffused | Diffused    | Non-Diffused | Diffused    | Non-Diffused | Diffused    | Non-Diffused | Diffused    |
| Package Color                                        | Red          | Red         | Yellow       | Yellow      | Green        | Green       | Orange       | Orange      |
| Test Current (mA)                                    | 10           | 10          | 10           | 10          | 10           | 10          | 10           | 10          |
| Forward Voltage Typ.(V)                              | 1.6          | 1.6         | 2.1          | 2.1         | 2.2          | 2.2         | 2.0          | 2.0         |
| Forward Voltage Max.(V)                              | 2.0          | 2.0         | 3.0          | 3.0         | 3.0          | 3.0         | 3.0          | 3.0         |
| Luminous Intensity Min.(mcd)                         | 0.6          | 0.4         | 3.0          | 1.5         | 2.5          | 2.0         | 4.0          | 2.0         |
| Luminous Intensity Typ.(mcd)                         | 2.0          | 1.5         | 10           | 8.0         | 15           | 12          | 10           | 8.0         |
| Luminous Intensity Max.(mcd)                         | -            | -           | -            | -           | -            | -           | -            | -           |
| Peak Wavelength(nm)                                  | 660          | 660         | 585          | 585         | 565          | 565         | 630          | 630         |
| Viewing Angle 20 1/2 (degrees)                       | 45           | 50          | 45           | 50          | 45           | 50          | 45           | 50          |
| Power Dissipation (mW)                               | 180          | 180         | 105          | 105         | 105          | 105         | 105          | 105         |
| Operating Temperature (C°)                           | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 |
| Storage Temperature (C°)                             | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 | -55 to +100  | -55 to +100 |
| Peak Forward Current Max.(1µs @ 0.3% duty cycle)(mA) | 100          | 100         | 100          | 100         | 90           | 90          | 100          | 100         |
| Reverse Voltage (IR=100µA) (V)                       | 5            | 5           | 5            | 5           | 5            | 5           | 5            | 5           |
| Lead Solder Time @ 260°C                             | 5            | 5           | 5            | 5           | 5            | 5           | 5            | 5           |