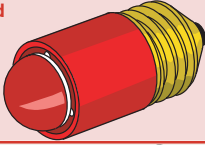
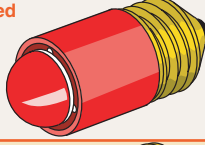
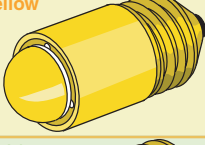
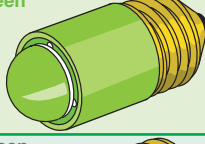
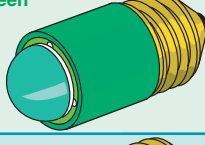
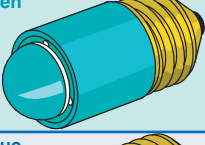
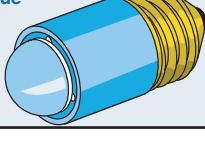
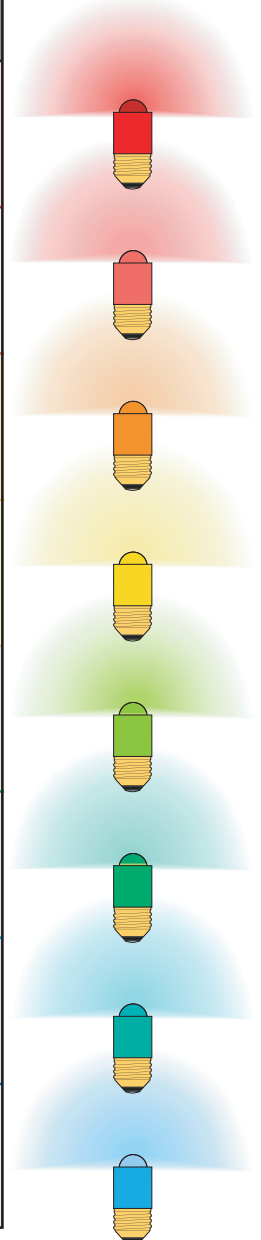




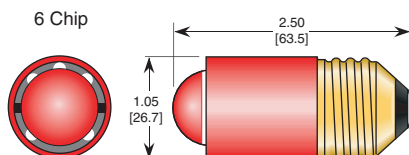
## 22mm Big Dome Edison Based Lamps

| Packages                                                                                                                  | Replaces Incandescent | Part Number    | Input Voltage | Power Watts (typ) | Intensity per LED $I_v$ mcd (typ) | $\lambda_p$ (nm) | View Angle $2\theta^{1/2}$ | Custom Options                                               |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------|---------------|-------------------|-----------------------------------|------------------|----------------------------|--------------------------------------------------------------|
| <b>660nm Ultra Red GaAlAs/GaAlAs</b><br> |                       | S100T-OUR-014  | 12/14V        | 0.6W to 1.6W      | 1200                              | 660              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-OUR-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-OUR-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-OUR-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>633nm Super Red InGaAlP</b><br>       |                       | S100T-0ER-014  | 12/14V        | 0.6W to 1.6W      | 2000                              | 630              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0ER-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0ER-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0ER-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>612nm Super Orange InGaAlP</b><br>    |                       | S100T-0UO-014  | 12/14V        | 0.6W to 1.6W      | 1500                              | 612              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0UO-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UO-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UO-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>595nm Super Yellow InGaAlP</b><br>    |                       | S100T-0UY-014  | 12/14V        | 0.6W to 1.6W      | 1800                              | 595              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0UY-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UY-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UY-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>570nm Lime Green InGaAlP</b><br>     |                       | S100T-0UG-014  | 12/14V        | 0.6W to 1.6W      | 500                               | 570              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0UG-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UG-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0UG-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>525nm Aqua Green SiC/GaN</b><br>    |                       | S100T-0AG-014  | 12/14V        | 0.6W to 1.6W      | 750                               | 525              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0AG-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0AG-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0AG-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>505nm Blue Green SiC/GaN</b><br>    |                       | S100T-0BG-014  | 12/14V        | 0.6W to 1.6W      | 1000                              | 505              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0BG-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0BG-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0BG-240A | 240VAC        |                   |                                   |                  |                            |                                                              |
| <b>470nm Super Blue SiC/GaN</b><br>    |                       | S100T-0PB-014  | 12/14V        | 0.6W to 1.6W      | 300                               | 470              | 180°                       | WaterClear Wide Angle Illuminator Available. Contact Factory |
|                                                                                                                           |                       | S100T-0PB-024  | 24V           |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0PB-120A | 120VAC        |                   |                                   |                  |                            |                                                              |
|                                                                                                                           |                       | S100T-0PB-240A | 240VAC        |                   |                                   |                  |                            |                                                              |

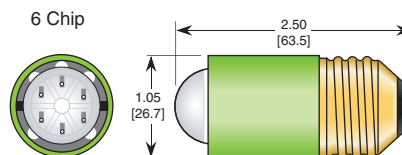
Viewing Angle



### Dimensions



### Optional Clear Illuminator (160°)



Log # 123L Rev 12-2000