

T-3¹/₄ MINIATURE LAMP WITH LENS

High Intensity, Wide Angle - For Small - Medium Lens Applications

- Fresnel Lens; Bayonet or Screw Base

| | |
|------------------------------|---------|
| 1 Model^[1] | |
| MB403 | Bayonet |
| MS403 | Screw |

TO ORDER, FOLLOW THE EXAMPLE:

Select one **BOLD** component from each SHADED column in the tables below.

| | | | | |
|--------------|------------|----------------|-------------|-----------------|
| 1 | 2 | 3 | 4 | 5 |
| Model | LED | Voltage | Lens | Bi-Polar |
| MB403 | -R | 28 | -CR | |

→Part Number **MB403-R28-CR**

| | | | | | |
|----------|------------|--------------|-----------------|-------------------------------|--------------------------------|
| 2 | LED | Color | λpk (nm) | Iv^[2] (mcd) | V/C Table^[3] |
| | -R | RED | 634 | 2180 | I |
| | -A | AMB | 592 | 2180 | I |
| | -G | GRN | 520 | 2400 | II |
| | -B | BLU | 465 | 700 | II |
| | -W | WHT | | 1560 | II |

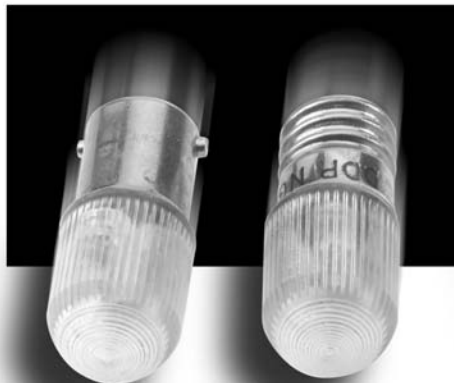
| Voltage/Current | |
|-----------------|------------|
| Design Vf/If | Max Vf/If |
| V/C Table I | |
| 5V/22mA | 5.5V/28mA |
| 6V/21mA | 7V/27mA |
| 12V/20mA | 14V/25mA |
| 15V/24mA | 16.5V/28mA |
| 24V/17mA | 26V/20mA |
| 28V/16.5mA | 30V/18mA |
| 48V/15mA | 50V/16mA |
| 60V/9mA | 65V/10mA |
| 120VAC/3.5mA | 130VAC/4mA |

| | |
|----------|------------------------------|
| 3 | Voltage^[4] |
| | 5 |
| | 6 |
| | 12 |
| | 15 |
| | 24 |
| | 28 |
| | 48 |
| | 60 |
| | 120 |

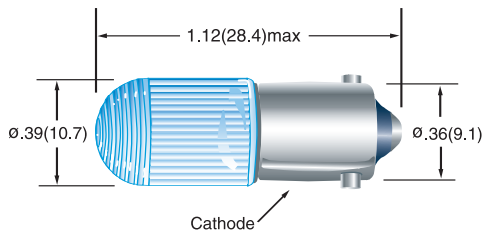
| Voltage/Current | |
|-----------------|------------|
| Design Vf/If | Max Vf/If |
| V/C Table II | |
| 5V/15mA | 5.5V/23mA |
| 6V/15mA | 7V/25mA |
| 12V/15mA | 14V/20mA |
| 15V/15mA | 16.5V/18mA |
| 24V/15mA | 26V/18mA |
| 28V/15mA | 30V/17mA |
| 48V/9.5mA | 50V/10mA |
| 60V/7mA | 65V/8mA |
| 120VAC/3.5mA | 130VAC/4mA |

| | |
|----------|-----------------|
| 4 | Lens |
| | -CR Red |
| | -CA Amber |
| | -CG Green |
| | -CB Blue |
| | -CW Water Clear |

| | |
|----------|-----------------|
| 5 | Bi-Polar |
| | -BP Optional |

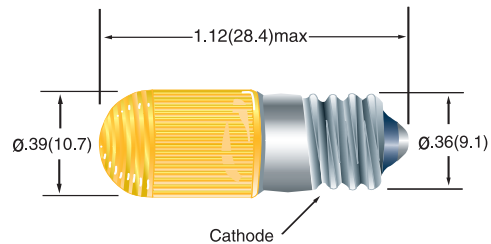


MB403



Available with Center Cathode

MS403



Available with Center Cathode

[1] MB403 and MS403 are center anode. Insert C after Model for center cathode (e.g. MB403C).

[2] Iv = typical luminous intensity @ If = 20mA (Ta=25°C). Luminous intensity is measured without the lens. (*2) = 2 LEDs per package.

[3] See Voltage/Current table for design specifications.

[4] Ta = 25°C. Voltages 5 through 60 are VDC. For AC operation, insert AC after Voltage (e.g. 24AC), not required for 120V. Contact factory for VAC design currents. For 120VDC insert DC after Voltage (e.g. 120DC).

All dimensions are in inches (mm)

Tolerances: .xx"(.x) ±.025"(.63) / .xxx"(.xx)±.010"(.25)
Specifications are subject to change without notice.

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