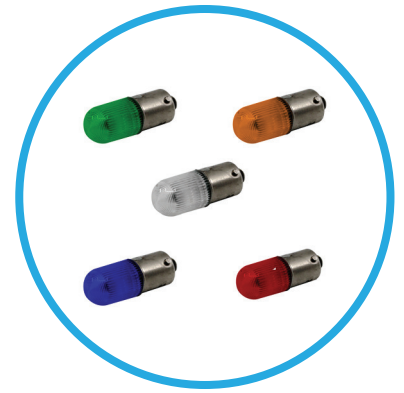


MB403 Series T-3 1/4 Miniature Bayonet LED Lamp with Lens



Direct incandescent replacement LED lamp that delivers improved illumination, reliability and long life.



Applications

- Transportation
- Industrial Equipment
- Status indication
- Trucks
- General Purpose Lighting
- Automotive
- Safety and Emergency
- Industrial Control Systems
- Automation and Control

Key Features

- T-3 1/4 miniature LED lamp with lens (light bulb)
- High intensity LED with fresnel lens for improved visibility
- Wide angle for small and medium lens applications
- Voltage: 6~60 VDC, 120 VAC
- Miniature bayonet base, sometimes known as a BA9s base.
- The base has lugs on either side that lock the bulb in place when the bulb is pushed into a compatible socket and twisted.
- Available in five LED single colors: red, amber, green, blue, and white
- Available in five lens colors: red, amber, green blue and clear
- Bi-polar is optional
- Low power consumption
- Mounts directly into industry standard sockets
- Single chip based LED
- Direct incandescent replacement
- Low power consumption - uses up to 90% less energy than an incandescent lamp
- Low heat generation, LEDs operate significantly cooler than traditional lamps
- Fast on/off cycling, shock resistance, and long operating life
- Compliant with RoHS and REACH

Ordering Data

MB403



Example:

MB403-B15-CB

MB403 Series, Blue Color with
Blue Lens, 15V, Miniature Bayonet

Part Number	Color	λ_{pk} (nm)	$I_v^{(1)}$ (mcd)	Lens Color	Bi-Polar	Lamp Base	Voltage	Max Voltage
MB403-A6AC-CA	Amber	592	2180	Amber	No	Miniature Bayonet	6V	7V
MB403-A6AC-CW	Amber	592	2180	Clear	No	Miniature Bayonet	6V	7V
MB403-B6AC-CW	Blue	465	700	Clear	No	Miniature Bayonet	6V	7V
MB403-G6AC-CW	Green	520	2400	Clear	No	Miniature Bayonet	6V	7V
MB403-R6AC-CR	Red	634	2180	Red	No	Miniature Bayonet	6V	7V
MB403-R6AC-CW	Red	634	2180	Clear	No	Miniature Bayonet	6V	7V
MB403-W6AC-CW	White	-	1560	Clear	No	Miniature Bayonet	6V	7V
MB403-B12-CW-BP	Blue	465	700	Clear	Yes	Miniature Bayonet	12V	14V
MB403-R12-CR	Red	634	2180	Red	No	Miniature Bayonet	12V	14V
MB403-W12-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	12V	14V
MB403-B15-CB	Blue	465	700	Blue	No	Miniature Bayonet	15V	16.5V
MB403-G15-CG	Green	520	2400	Green	No	Miniature Bayonet	15V	16.5V
MB403-R15-CR	Red	634	2180	Red	No	Miniature Bayonet	15V	16.5V
MB403-A15-CA	Amber	592	2180	Amber	No	Miniature Bayonet	15V	16.5V
MB403-R15-CR-BP	Red	634	2800	Red	Yes	Miniature Bayonet	15V	16.5V
MB403-G24-CW-BP	Green	520	2400	Clear	Yes	Miniature Bayonet	24V	26V
MB403-R24-CW-BP	Red	634	2180	Clear	Yes	Miniature Bayonet	24V	26V
MB403-W24-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	24V	26V
MB403-A24-CA	Amber	592	2180	Amber	No	Miniature Bayonet	24V	26V
MB403-B24-CB	Blue	465	700	Blue	No	Miniature Bayonet	24V	26V
MB403-G24-CG	Green	520	2400	Green	No	Miniature Bayonet	24V	26V
MB403-R24-CR	Red	634	2180	Red	No	Miniature Bayonet	24V	26V
MB403-W24-CW	White	-	1560	Clear	No	Miniature Bayonet	24V	26V

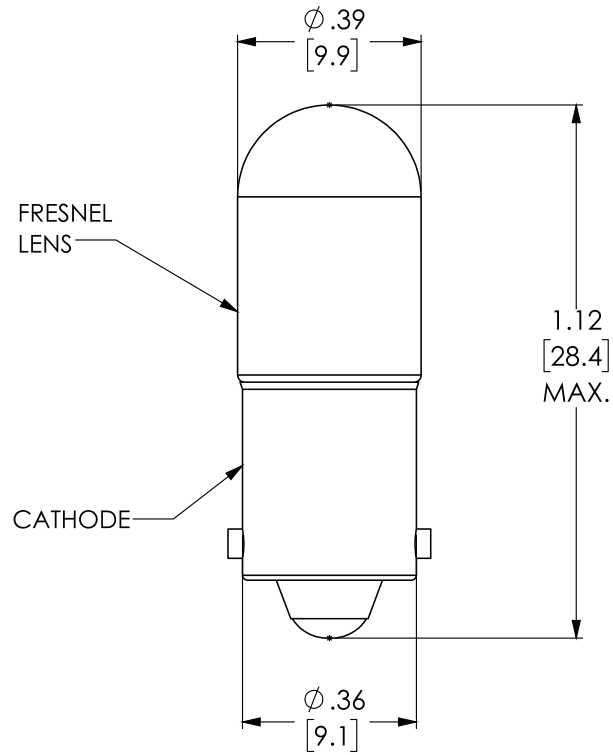
[1] I_v = typical luminous intensity @ $I_f = 20\text{mA}$ ($T_a = 25^\circ\text{C}$). Luminous intensity is measured without the lens.

Ordering Data

Part Number	Color	λ_{pk} (nm)	I_v [1] (mcd)	Lens Color	Bi-Polar	Lamp Base	Voltage	Max Voltage
MB403-A28AC-CA	Amber	592	2180	Amber	No	Miniature Bayonet	28V	30V
MB403-W28-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	28V	30V
MB403-A28-CA	Amber	592	2180	Amber	No	Miniature Bayonet	28V	30V
MB403-B28-CB	Blue	465	700	Blue	No	Miniature Bayonet	28V	30V
MB403-G28-CG	Green	520	2400	Green	No	Miniature Bayonet	28V	30V
MB403-R28-CR	Red	634	2180	Red	No	Miniature Bayonet	28V	30V
MB403-W28-CW	White	-	1560	Clear	No	Miniature Bayonet	28V	30V
MB403-W36-CW	White	-	1560	Clear	No	Miniature Bayonet	36V	38V
MB403-R36-CR	Red	634	2180	Red	No	Miniature Bayonet	36V	38V
MB403-A37.5-CA-BP	Amber	592	2180	Amber	Yes	Miniature Bayonet	37.5V	-
MB403-G37.5-CG-BP	Green	520	2400	Green	Yes	Miniature Bayonet	37.5V	-
MB403-R37.5-CR-BP	Red	634	2180	Red	Yes	Miniature Bayonet	37.5V	-
MB403-W37.5-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	37.5V	-
MB403-B37.5-CB-BP	Blue	465	700	Blue	Yes	Miniature Bayonet	37.5V	-
MB403-A48-CW-BP	Amber	592	2180	Clear	Yes	Miniature Bayonet	48V	50V
MB403-G48-CW-BP	Green	520	2400	Clear	Yes	Miniature Bayonet	48V	50V
MB403-A60-CW-BP	Amber	592	2180	Clear	Yes	Miniature Bayonet	60V	65V
MB403-W60-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	60V	65V
MB403-A120-CW-BP	Amber	592	2180	Clear	Yes	Miniature Bayonet	120V	130VAC
MB403-B120-CW-BP	Blue	465	700	Clear	Yes	Miniature Bayonet	120V	130VAC
MB403-G120-CG-BP	Green	520	2400	Green	Yes	Miniature Bayonet	120V	130VAC
MB403-R120-CW-BP	Red	634	2180	Clear	Yes	Miniature Bayonet	120V	130VAC
MB403-W120-CW-R-	White	-	1560	Clear	No	Miniature Bayonet	120V	130VAC
MB403-W120-CW-BP	White	-	1560	Clear	Yes	Miniature Bayonet	120V	130VAC
MB403-A120-CA	Amber	592	2180	Amber	No	Miniature Bayonet	120V	130VAC
MB403-B120-CB	Blue	465	700	Blue	No	Miniature Bayonet	120V	130VAC
MB403-G120-CG	Green	520	2400	Green	No	Miniature Bayonet	120V	130VAC
MB403-R120-CR	Red	634	2180	Red	No	Miniature Bayonet	120V	130VAC
MB403-W120-CW	White	-	1560	Clear	No	Miniature Bayonet	120V	130VAC
MB403-G120-CW-BP	Green	520	2400	Clear	Yes	Miniature Bayonet	120V	130VAC

[1] I_v = typical luminous intensity @ $I_f = 20\text{mA}$ ($T_a = 25^\circ\text{C}$). Luminous intensity is measured without the lens.

Product Dimensions



Notes:

1. All dimensions are in inches (mm)
2. Tolerance is $\pm 0.1\text{mm}$ unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Cross Reference Guide

Part Number	Design Voltage	Base Description	VCC Model Number	Suggested VCC Part Number
12MB	12	Miniature Bayonet	MB403	MB403-X12-CX-BP
24MB	24	Miniature Bayonet	MB403	MB403-X24-CW-BP
28MB	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
48MB	48	Miniature Bayonet	MB403	MB403-X48-CX-BP
60MB	60	Miniature Bayonet	MB403	MB403-X60-CX-BP
120MB	120VAC	Miniature Bayonet	MB403	MB403-X120-CX
313	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
316	6	Miniature Bayonet	MB403	MB403-X6-CX
356	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
757	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1437	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1450	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1818	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1819	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1820	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1829	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1843	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1864	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1873	28	Miniature Bayonet	MB403	MB403-X28-CX-BP

Compliances and Approvals

