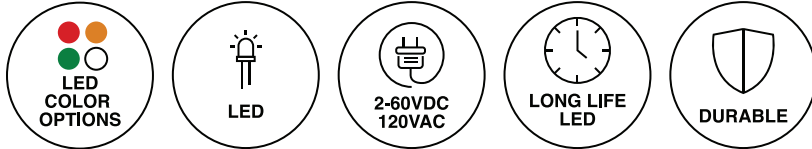


# MB400 Series T-3 1/4 Miniature Bayonet LED Lamp



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
- High intensity LED for improved visibility
- Wide angle LED option (NFX)
- Voltage: 2-60 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 four LED single colors: red, amber, green, and white
- Bi-polar is optional
- MBL400 long body version available
- 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

### MB400 - Dome



Example:

#### MB400-NWG28H

MB400 Series, Green Color 28V,  
Miniature Bayonet

### MB400 - Flat (Wide Angle LED)



Example:

#### MB400-NFR24H

MB400 Series, Red Color 24V,  
Wide Angle, Miniature Bayonet

Part Number	Color	$\lambda_{pk}$ (nm)	$I_v^{[1]}$ (mcd)	LED Style	Bi-Polar	Viewing Angle	Lamp Base	Voltage	Max Voltage
MB400-BCG12HD	Green	-	-	Dome	No	-	Miniature Bayonet	12V	14V
MB400-BCR12HD	Red	-	-	Dome	No	-	Miniature Bayonet	12V	14V
MB400-NFG24H	Green	520	780	Flat	No	75°	Miniature Bayonet	24V	26V
MB400-NFR24H	Red	634	780	Flat	No	75°	Miniature Bayonet	24V	26V
MB400-NWA24HD	Amber	592	2800	Dome	No	30°	Miniature Bayonet	24V	26V
MB400-NFR28H	Red	634	780	Flat	No	75°	Miniature Bayonet	28V	30V
MB400-NFW28H	White	-	280	Flat	No	75°	Miniature Bayonet	28V	30V
MB400-NWG28H	Green	520	2400	Dome	No	45°	Miniature Bayonet	28V	30V
MB400-NWR28H	Red	634	2800	Dome	No	30°	Miniature Bayonet	28V	30V
MB400-NWA28H	Amber	592	2800	Dome	No	30°	Miniature Bayonet	28V	30V
MB400-NFA48H	Amber	592	600	Flat	No	75°	Miniature Bayonet	48V	50V
MB400-NWR120	Red	634	2800	Dome	No	30°	Miniature Bayonet	120VAC	130VAC
MB400-NWR120-4CL2-BP	Red	634	2800	Dome	Yes	30°	Miniature Bayonet	120VAC	130VAC

[1]  $I_v$  = typical luminous intensity @  $I_f = 20\text{mA}$  ( $T_a = 25^\circ\text{C}$ ).

## Ordering Data

### MBL400 - Dome (Long Body)



Example:

#### MBL400-NWR120

MB400 Series, Red Color 120VAC,  
Long Body, Miniature Bayonet

### MBL400 - Flat (Wide Angle LED)



Example:

#### MBL400-NFG28H

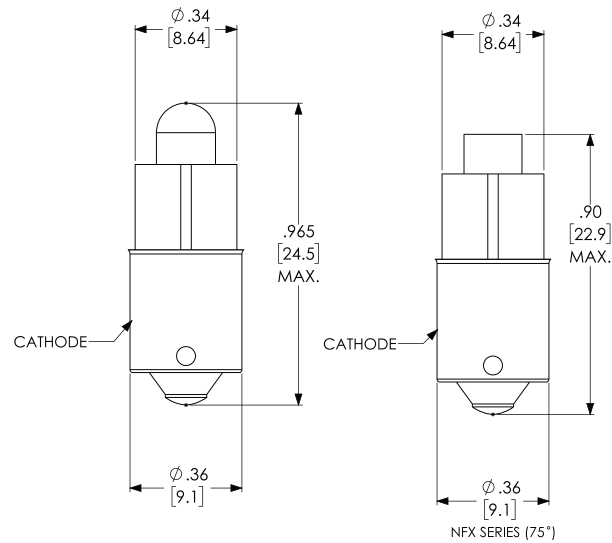
MB400 Series, Green Color 28V,  
Long Body, Wide Angle, Miniature Bayonet

Part Number	Color	$\lambda_{pk}$ (nm)	$I_v^{[1]}$ (mcd)	LED Style	Bi-Polar	Viewing Angle	Lamp Base	Voltage	Max Voltage
MBL400-BCG2	Green	-	-	Dome	No	-	Miniature Bayonet	2V	-
MBL400-BCR2	Red	-	-	Dome	No	-	Miniature Bayonet	2V	-
MBL400-NWG5H	Green	520	2400	Dome	No	45°	Miniature Bayonet	5V	5.5V
MBL400-NWR5H	Red	634	2800	Dome	No	30°	Miniature Bayonet	5V	5.5V
MBL400-NWW24HD	White	-	2500	Dome	No	50°	Miniature Bayonet	24V	26V
MBL400-NFG28H	Green	520	780	Flat	No	75°	Miniature Bayonet	28V	30V
MBL400-BCR28H	Red	-	-	Dome	No	-	Miniature Bayonet	28V	30V
MBL400-NWA28H	Amber	592	2800	Dome	No	30°	Miniature Bayonet	28V	30V
MBL400-NWG28H	Green	520	2400	Dome	No	45°	Miniature Bayonet	28V	30V
MBL400-NWG28HD	Green	520	2400	Dome	No	45°	Miniature Bayonet	28V	30V
MBL400-NKG60H	Green	520	10000	Dome	No	15°	Miniature Bayonet	60V	65V
MBL400-NWR120	Red	634	2800	Dome	No	30°	Miniature Bayonet	120VAC	130VAC

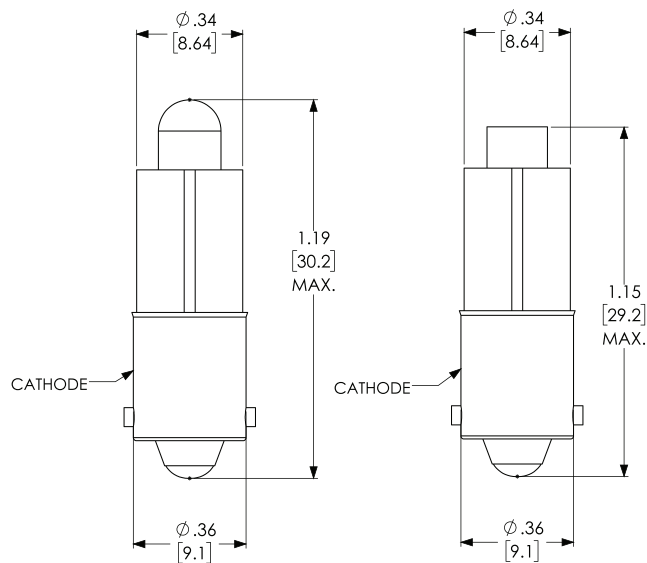
[1]  $I_v$  = typical luminous intensity @  $I_f = 20\text{mA}$  ( $T_a = 25^\circ\text{C}$ ). Luminous intensity is measured without the lens.

## Product Dimensions

### MB400



### MBL400 (Long Body)



#### 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.

## Compliances and Approvals

