



Data Display Products®

T-3¼ MINIATURE LAMP WITH LENS

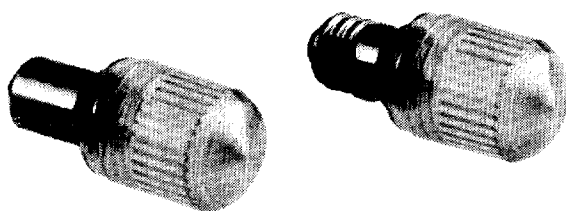
High Intensity, Wide Angle

- Fresnel Lens
- Bayonet or Screw Base

Model ^[1]		LED				Voltage ^[4]	Lens	BI-Polar
		Color	λ _{pk} (nm)	I _v ^[2] (mcd)	V _f ^[3]			
MB402	Bayonet	R	RED	635	900 (*4)	I	5	BP
MS402	Screw	O	ORG	609	1,300 (*4)	I	6	Optional
		A	AMB	592	1,300 (*4)	I	12	
		G	GRN	520	1,200 (*2)	II	15	
		B	BLU	465	325 (*2)	II	24	
							28	
							48	
							60	
							120	

Voltage/Current	
Design Vf/If	Max Vf/If
Table I	
5V/75mA	5.5V/85mA
6V/40mA	7V/60mA
12V/30mA	14V/40mA
15V/30mA	16.5V/35mA
24V/30mA	26V/35mA
28V/25mA	30V/28mA
48V/20mA	52V/22mA
60V/16mA	65V/18mA
120VAC/9.5mA	130VAC/10.5mA

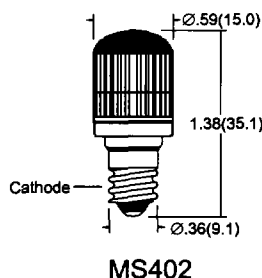
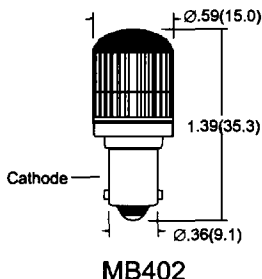
Table II	
5V/26mA	5.5V/35mA
6V/28mA	7V/39mA
12V/15mA	14V/22mA
15V/15mA	16.5V/19mA
24V/15mA	26V/18mA
28V/15mA	30V/18mA
48V/9mA	50V/9.5mA
60V/6.5mA	65V/7.2mA
120VAC/5mA	130VAC/5.5mA



- [1] All Models are center anode. Insert C after Model for center cathode (e.g. MB402C).
 [2] I_v = typical luminous intensity per LED @ I_f = 20mA (Ta=25°C). (*4) = 4 LEDs per package; (*2) = 2 LEDs per package.
 [3] See Voltage/Current table for design specifications.
 [4] Ta = 25°C. Voltages 6 through 60 are VDC. For AC operation, insert AC after the Voltage (e.g. 24AC), not required for 120V. Contact factory for VAC design currents. For 120VDC insert DC after Voltage (e.g. 120DC).

To Order: Select one **BOLD** component from each **SHADED** column in the table
Example: Part Number **MB402-R12-CW-BP:**

Model	LED	Voltage	Lens	BI-Polar
MB402	R	12	CW	BP



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