



PART NO.	BASE TYPE	DESIGN VOLTS	DESIGN AMPS	WATTS	AVERAGE LIFE HOURS	REVISIONS			
						REV #	DESCRIPTION	DATE	APPROVED
L1024MB Series (See Below)	Miniature Bayonet (BA9s)	24.0V AC/DC	12mA ±10%	0.3W	20,000	1	ISSUED	01/20/2011	D.C.
						2	WARM WHITE ADDED	07/09/2013	D.C.
						3	REVISED DIMENSIONS	08/13/2018	R.M.

Electronics and Optical Characteristics: Ta=25°C

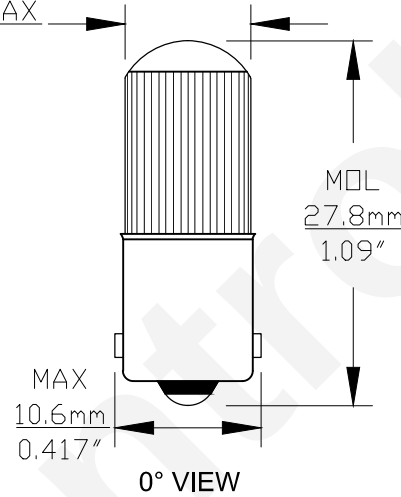
TEST CONDITION:

Power: 0.3W

Current: 12±10%mA

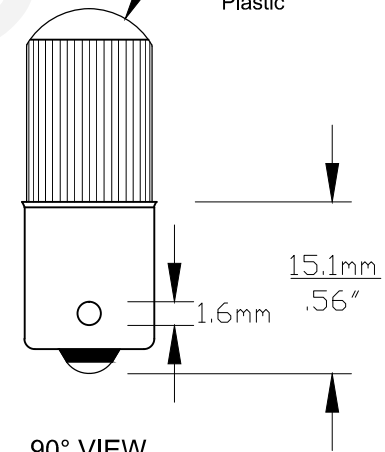
PARAMETER	MAX UNIT
Operating Temperature Range	-20°C to +50°C
Storage Temperature Range	-40°C to +100°C
Lead Solder Temperature 1.6mm Below Package 260°C for 5 Seconds	

DIA
9.2mm MAX
0.36"



0° VIEW

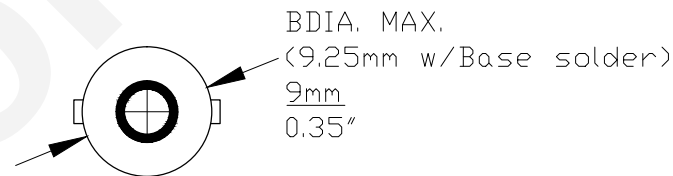
T-3 1/4
BULB SHAPE
Plastic



90° VIEW

PART NO.	EMITTING COLOR	LUMINOUS INTENSITY	EFFICACY	DOMINANT WAVELENGTH
		Unit: LM Error margin: ±5%		
L1024MB-W	SUPER WHITE	9.7781	29.10	X:0.305 Y:0.338
L1024MB-WW	WARM WHITE	9.5	28	X:0.33 Y:0.35
L1024MB-A	AMBER	4.0410	12.03	591.7~595
L1024MB-B	ULTRA BLUE	1.5510	4.62	475~470
L1024MB-G	ULTRA GREEN	7.2593	21.61	528.7~520
L1024MB-R	SUPER RED	3.3956	10.11	622.6~630

PART NO.	COLOR TEMPERATURE	SINGLE LED INTENSITY	VIEWING ANGLE
	Unit: K	Unit: mcd (1m)	Unit: deg
L1024MB-W	6816	2568	89.0
L1024MB-WW	3000	2400	89.0
L1024MB-A	1608	809	111.7
L1024MB-B	>=100000	381	103.2
L1024MB-G	7698	1557	110.5
L1024MB-R	1001	860	90.3



BASE BOTTOM VIEW



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES				CEC INDUSTRIES LTD			
DECIMALS .XX ± .05 .XXX ± .010 FRACTIONAL ±1/64				599 BOND STREET LINCOLNSHIRE, IL 60069			
DRAWN DENNIS CLARK	DATE 01/20/2011	TITLE LIGHT BULB NO. L1024MB-Series		SIZE A	FSCM NO.	DWG NO. L1024MB-Series	REV 3
CHECKED		SCALE	PLOT SCALE	SHEET 1 OF 1			
DESIGN		FILE L1024MB-Series.pdf		DRAWING NOT TO SCALE			