



PART NO.	BASE TYPE	DESIGN VOLTS	DESIGN AMPS	WATTS	AVERAGE LIFE HOURS	REVISIONS			
						REV #	DESCRIPTION	DATE	APPROVED
L1024MS Series (See Below)	Miniature Screw (E10)	24.0V AC/DC	15mA ±10%	0.42W	20,000	1	ISSUED	09/11/2012	D.C.
						2	GREEN AND WHITE ADDED	07/09/2013	R.M.
						3	WW ADDED/REVISED DIMENSIONS & LUMENS	08/13/2018	R.M.

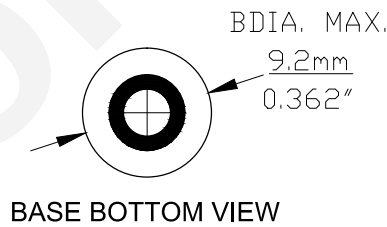
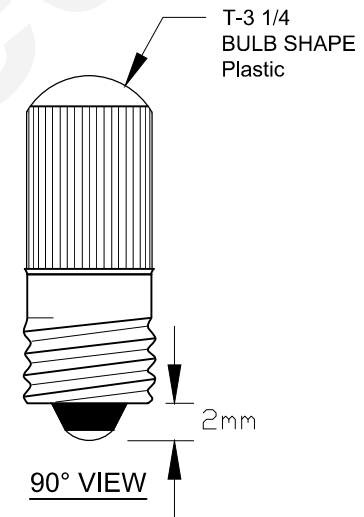
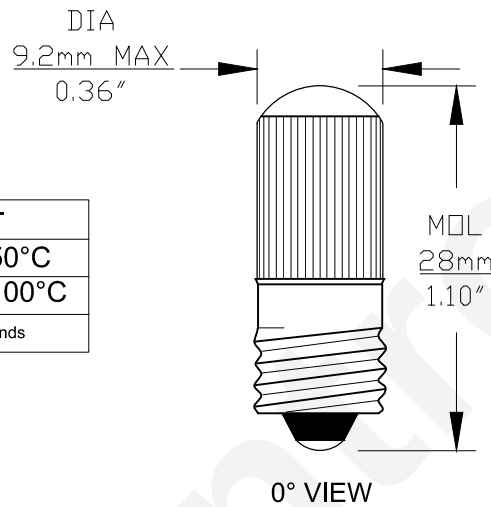
Electronics and Optical Characteristics: Ta=25°C

TEST CONDITION:

Power: 0.42W

Current: 15±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	



PART NO.	EMITTING COLOR	LUMINOUS INTENSITY	EFFICACY	DOMINANT WAVELENGTH
		Unit: LM Error margin: ±5%		
L1024MS-W	SUPER WHITE	10	29.10	X:0.305 Y:0.338
L1024MS-WW	WARM WHITE	9	28	X:0.35 Y:0.36
L1024MS-A	AMBER	4	12.03	591.7~595
L1024MS-B	ULTRA BLUE	1.5	4.62	475~470
L1024MS-G	ULTRA GREEN	7	21.61	528.7~520
L1024MS-R	SUPER RED	3	10.11	622.6~630

PART NO.	COLOR TEMPERATURE	SINGLE LED INTENSITY	VIEWING ANGLE
	Unit: K	Unit: mcd (1m)	Unit: deg
L1024MS-W	6816	2568	89.0
L1024MS-WW	3000	2400	89.0
L1024MS-A	1608	809	111.7
L1024MS-B	>=100000	381	103.2
L1024MS-G	7698	1557	110.5
L1024MS-R	1001	860	90.3



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .XX ± .05 ± 0.5° .XXX ± .010 FRACTIONAL ± 1/64		CEC INDUSTRIES LTD 599 BOND STREET LINCOLNSHIRE, IL 60069					
DRAWN DENNIS CLARK		DATE 09/11/2012		TITLE LIGHT BULB NO. L1024MS-Series			
CHECKED		SIZE A	FSCM NO.		DWG NO. L1024MS-Series		REV 3
DESIGN		SCALE		PLOT SCALE		SHEET 1 OF 1	
MATERIAL		FILE L1024MS-Series.pdf			DRAWING NOT TO SCALE		