



PART NO.	BASE TYPE	DESIGN VOLTS	DESIGN AMPS	WATTS	AVERAGE LIFE HOURS	REVISIONS			
						REV #	DESCRIPTION	DATE	APPROVED
L1012WB Series (See Below)	Plastic Wedge T-3 1/4 (W2.1x9.5d)	12.0V AC/DC	45mA ±10%	0.54W	10,000	1	ISSUED	11/27/2013	D.C.
						2	ADDED MORE VIEWS/ADDED AMBER/REVISED LUMENS, WATTS & mA	08/08/2018	R.M.
						3	REVISED W, LM, mA, INT, WAVELENGTH	08/06/2021	M.L.

Electronics and Optical Characteristics: Ta=25°C

TEST CONDITION:

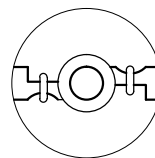
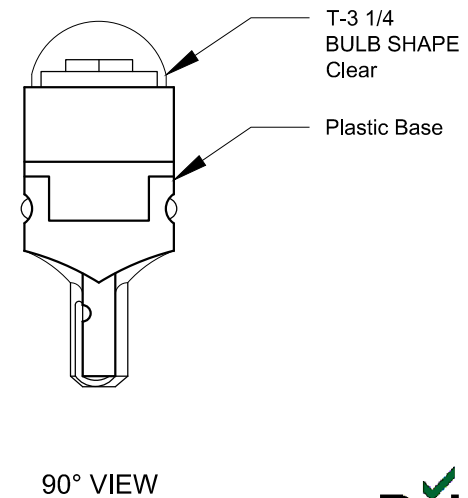
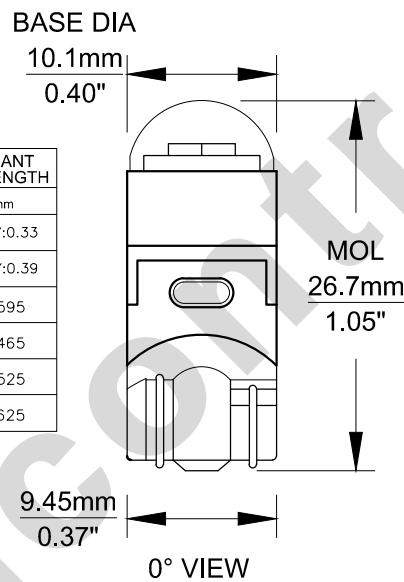
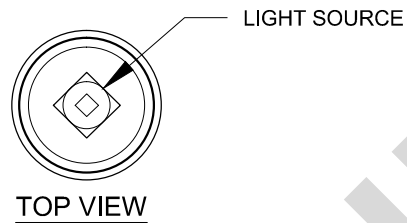
Power: 0.54W

Current: 45±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%	Unit: LM/W	Unit: nm
L1012WB-W	SUPER WHITE	22	40.7	X:0.31 Y:0.33
L1012WB-WW	WARM WHITE	22	40.7	X:0.43 Y:0.39
L1012WB-A	AMBER	6	11.1	590~595
L1012WB-B	ULTRA BLUE	4	7.4	461~465
L1012WB-G	ULTRA GREEN	16	29.6	520~525
L1012WB-R	SUPER RED	6.5	12.0	620~625

PART NO.	COLOR TEMPERATURE	SINGLE LED INTENSITY	VIEWING ANGLE
	Unit: K	Unit: mcd (1m)	Unit: deg
L1012WB-W	6000	7500	89.0
L1012WB-WW	3000	7500	89.0
L1012WB-A	1608	2700	111.7
L1012WB-B	>=100000	1650	103.2
L1012WB-G	7698	6000	110.5
L1012WB-R	1001	3000	90.3



BASE BOTTOM VIEW



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .XX ± .05 ± 0.5° .XXX ± .010 ± 1/64 FRACTIONAL		CEC INDUSTRIES LTD 599 BOND STREET LINCOLNSHIRE, IL 60069					
DRAWN DENNIS CLARK		DATE 11/27/2013		TITLE LIGHT BULB NO. L1012WB-Series			
CHECKED		SIZE A	FSCM NO.		DWG NO. L1012WB-Series		REV 3
DESIGN		SCALE		PLOT SCALE		SHEET 1 OF 1	
MATERIAL		FILE L1012WB-Series.pdf		DRAWING NOT TO SCALE			