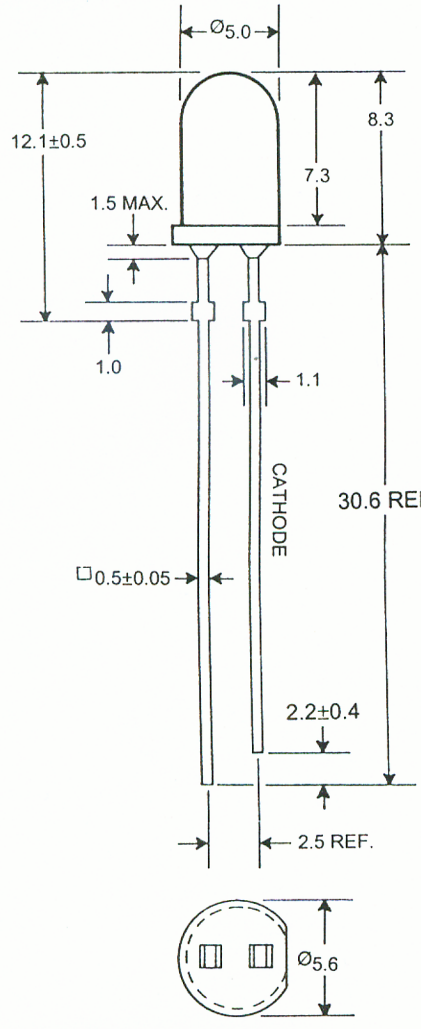
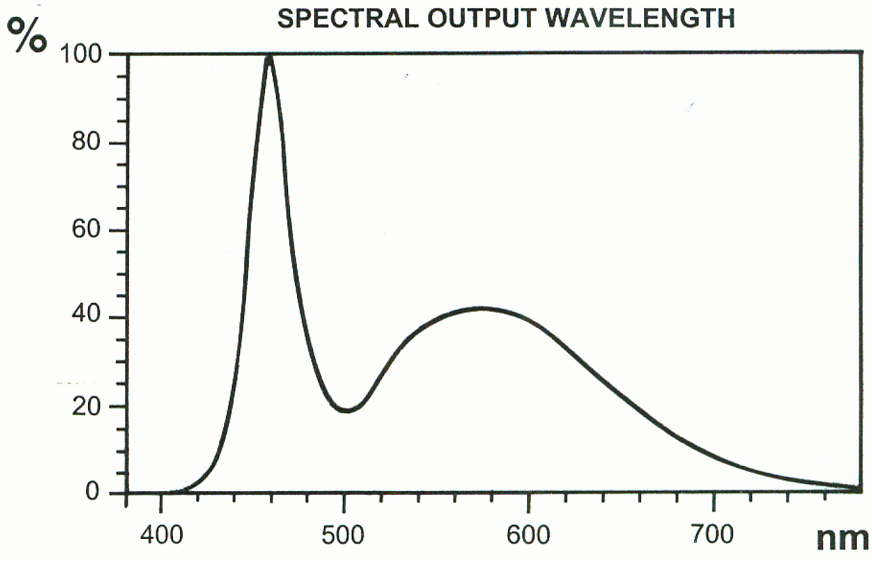
REV.	DESCRIPTION / ECO NO.	DATE
	RELEASED	1/8/99
A	DIMENSION CHANGES	7/25/00





Electrical Characteristics

Part Number	Forward Voltage (DC)		Forward Current (mA)		Reverse Current (uA) @ 5 VDC Reverse	Operating Temp. (C°)	
	Typ.	Max.	Typ.	Max.		Min.	Max.
Z-223W	3.6	4.0	20	30	50	-20	+80
Z-224W	3.6	4.0	20	30	50	-20	+80

Optical Characteristics

Part Number	Color Coordinates		Viewing Angle Deg.	Lens Type	Output Ref.:		Color Temp. Kelvin Typ.	Peak nm Typ.
	x	y			mcd *	mW		
Z-223W	0.30	0.31	50	Clear	1000	2	7800	458
Z-224W	0.30	0.31	70	Diffuse	370	2	7800	458

Notes:

1) Packaging and handling for protection against ESD (Electrostatic Discharge Damage) required.

2) LED leadframes are silver plated requiring storage in sealed ant-static bags with desiccant.

3) * mcd measured using 8.3 degee total acceptance angle

MECHANICAL DIMENSIONS AE IN MILLIMETERS.
TOLERANCE IS 0.2 UNLESS OTHERWISE SPECIFIED.

TITLE	DRAWING NUMBER	REVISION
T-1 ¾ WHITE LED	Z-22W	A

JKL COMPONENTS CORPORATION
13343 Paxton Street
Pacoima, CA 91331
(818) 896-0019

RELEASE DATE	DRAWN BY	APPROVED BY
7/25/00	LEN	S.V.

SIZE	FSCM	SCALE	PAGE
A	55335	NONE	1 OF 1