

LTR	REVISION	DATE	APPD
-	RELEASED	10-08-04	
A	011205-PL01: REVISED MCD & NM	01-12-05	

1.) LUMINOUS INTENSITY (mcd):

(IF=20mA)			
COLOR	MIN	Typ.	MAX.
SUPER RED	-	350	-
AQUA GREEN	-	800	-
BLUE	-	150	-

2.) LUMINOUS FLUX:

(IF=20mA)			
COLOR	MIN	Typ.	MAX.
SUPER RED	-	-	-
AQUA GREEN	-	-	-
BLUE	-	-	-

3.)

COLOR	RADIANT INTENSITY W/sr μ (typ)
SUPER RED	-
AQUA GREEN	-
BLUE	-

4.)

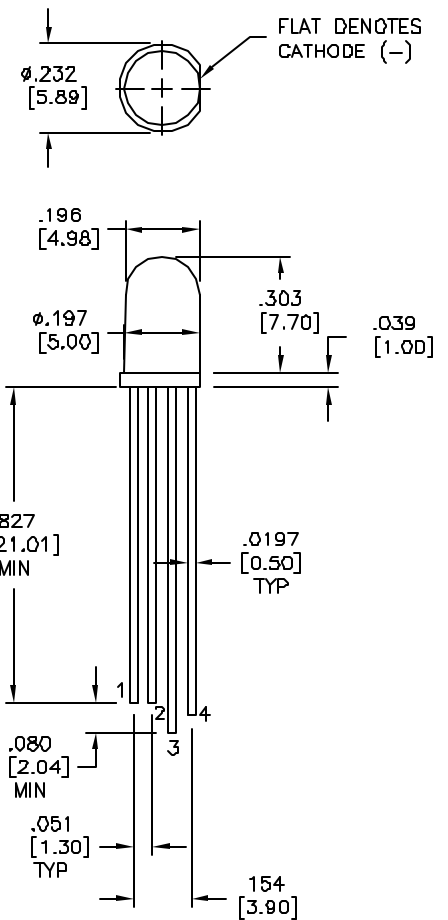
COLOR	PURITY (%) typ
SUPER RED	-
AQUA GREEN	-
BLUE	-

5.)

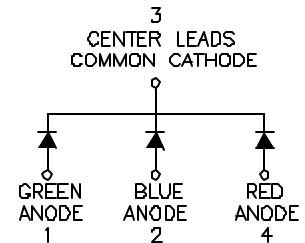
COLOR	CHROMATICITY COORDINATES				
SUPER RED	X	-	-	-	-
	Y	-	-	-	-
AQUA GREEN	X	-	-	-	-
	Y	-	-	-	-
BLUE	X	-	-	-	-
	Y	-	-	-	-

6.) COLOR BIN LIMITS (IF=20 mA):

COLOR	COLOR RENDERING INDEX (CRI)	APPROXIMATE COLOR TEMPERATURE (K)
SUPER RED	-	-
AQUA GREEN	-	-
BLUE	-	-



1. ALL DIMS ARE IN INCHES (MILLIMETERS).
2. TOLERANCE IS $\pm .010"$ ($\pm 0.25\text{mm}$) UNLESS OTHERWISE SPECIFIED.
3. LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
4. LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
5. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).

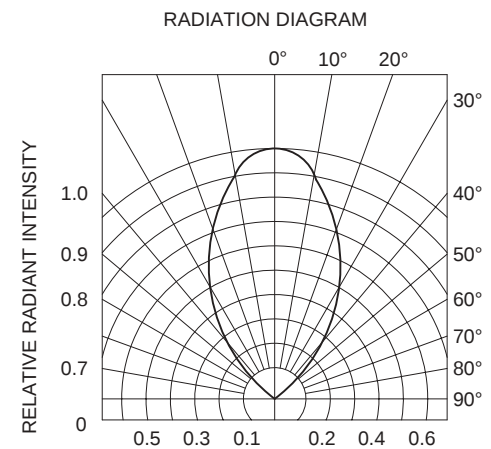
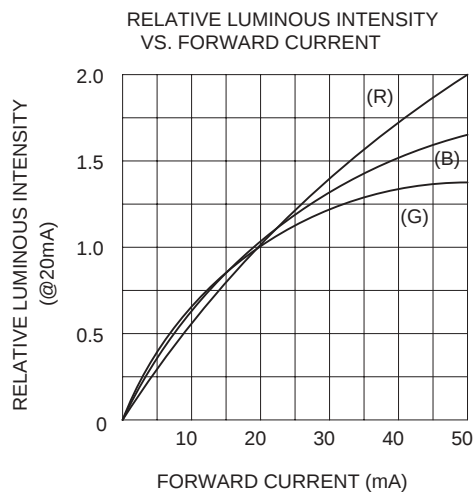
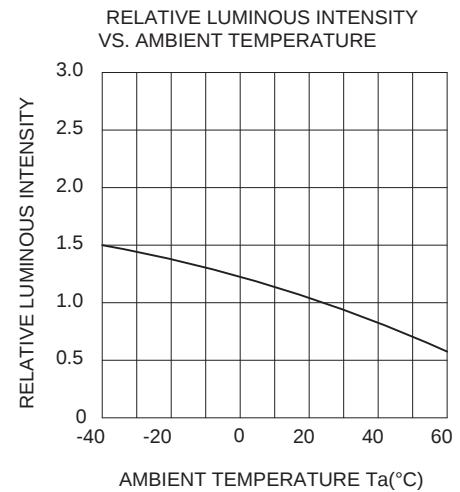
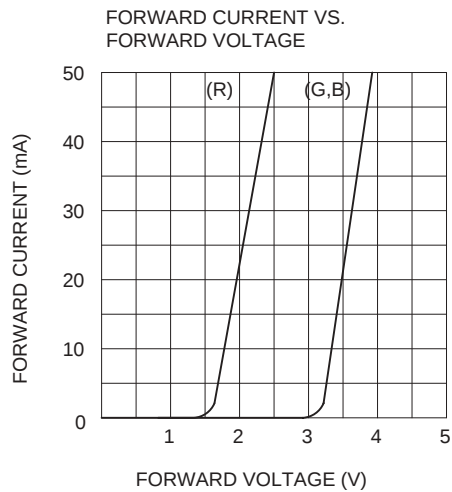
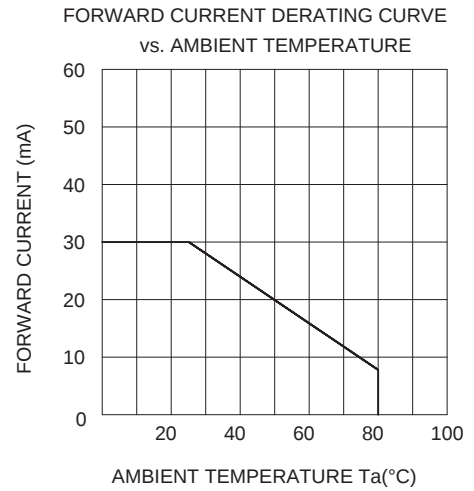
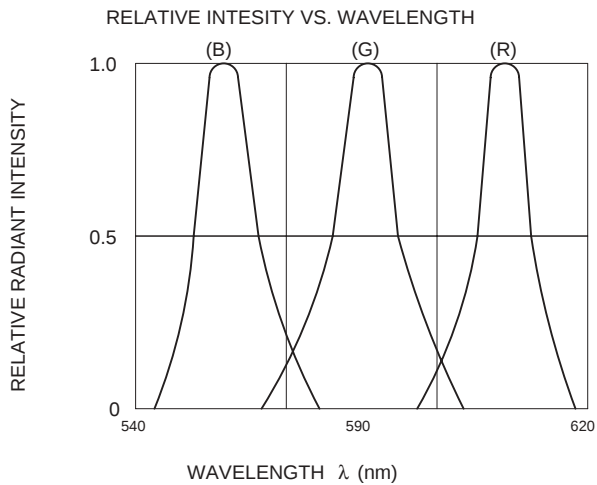


LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)					ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)							
			Pd mW	*Ifp mA	If mA	Vr V	ToPr (°C)	If mA	Iv mcd typ	Vf=V Iyp/max	View Angle Iyp	Ir max μA	$\Delta\lambda$ nm	λ_{Dom} nm	λ_{Peak} nm
L200TWRGB1K- 4C-IL	SUPER RED	WHITE DIFFUSED	100	150	30	5	-40° TO +80°	20	350	2.1/2.6	55	100	17	620	630
	AQUA GREEN		120	150	30	5	-40° TO +80°	20	800	3.5/4.0	55	100	30	525	525
	BLUE		120	150	30	5	-40° TO +80°	20	150	3.5/4.0	55	100	30	470	470

Tstg: -40°C TO +85°C * Condition for Ifp is pulse of 1/10 duty and 0.1msec width.
 LEAD SOLDERING TEMP: [5mm (.197in)] FROM BODY] 260°C FOR 5 SEC.

 LEDTRONICS, INC.TM 23105 KASHIWA COURT TORRANCE, CA 90505	-PROPRIETARY- This document contains Proprietary Information of LEDTRONICS, INC. It may not be copied, used or disclosed for any purpose without the prior express written consent of LEDTRONICS, INC.		TITLE L200TWRGB1K-4C-IL								
	DWG NO DSDD0147		SCALE 2:1		SHEET 1 OF 1		DATE 10-08-04				
	XXX ± .010 TOLERANCE PER ANSI-Y14.5 .XX ± .025 (UNLESS OTHERWISE STATED) ANGLES ± 0°.30° FRACT. ± 1/32		CODE IDENT NO. 8Z410		DWG BY RM		CHK BY PL 01-14-05		QA GZ 01-14-05		MNFG CUSTOMER

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.XXX ± .010 TOLERANCE PER ANSI-Y14.5
 .XX ± .025 (UNLESS OTHERWISE STATED)
 ANGLES ± 0°, 30'
 FRACT. ± 1/32

TITLE
L200TWRGB1K-4C-IL (SPECTRAL CURVES)

DWG NO	SCALE	SHEET	DATE
DSDD0147-A	2:1	2 OF 2	10-08-04
CODE IDENT NO.	DWG BY	CHK BY	QA CG
8Z410	RR	10-11-04	10-11-04
		MFG	CUSTOMER