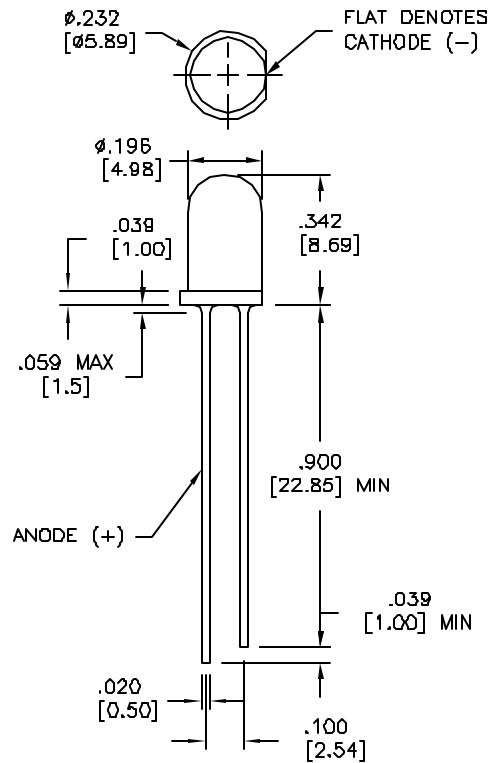


LTR	REVISION	DATE	APPD
-	RELEASED	03-10-05	



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
POWER DISSIPATION	Pd	120	mW
CONT. FORWARD CURRENT	If	30	mA
PEAK FORWARD CURRENT*	I <sub>f</sub> p	150	mA
REVERSE VOLTAGE	Vr	5	V
OPERATING TEMPERATURE	Topr	-40°C~80°C	°C
STORAGE TEMPERATURE	Tstg	-40°C~85°C	°C
SOLDERING TEMPERATURE	Tsol	260°C (FOR 5 SEC.)	-

\*CONDITION FOR I<sub>f</sub>p IS 1/10 DUTY CYCLE, 0.1msec PULSE WIDTH

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
LUMINOUS INTENSITY	Iv	If=20mA	-	1200	-	md
FORWARD VOLTAGE	Vf	If=20mA	-	3.5	3.8	V
REVERSE CURRENT	Ia	Vr=5V	-	-	100	µA
PEAK WAVELENGTH	λp	If=20mA	-	461	-	nm
DOMINATE WAVELENGTH	λD	If=20mA	-	466	-	nm
CHROMATICITY COORDINATES	X	If=20mA	-	0.14	-	-
	Y	If=20mA	-	0.48	-	-
SPECTRAL LINE HALF-WIDTH	Δλ	If=20mA	-	22	-	nm
VIEWING ANGLE	2θ1/2	If=20mA	-	45	-	deg

NOTES:

- ALL DIMS ARE IN INCHES [MILLIMETERS].
- TOLERANCE IS ±0.10" (±0.25mm) UNLESS OTHERWISE SPECIFIED.
- LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
- MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).

RADIANT INTENSITY µW/sr (typ)
2100

PURITY (%) typ
98

L.E.D. RADIATION COLOR	LENS APPEARANCE
SUPER BLUE	WATER CLEAR

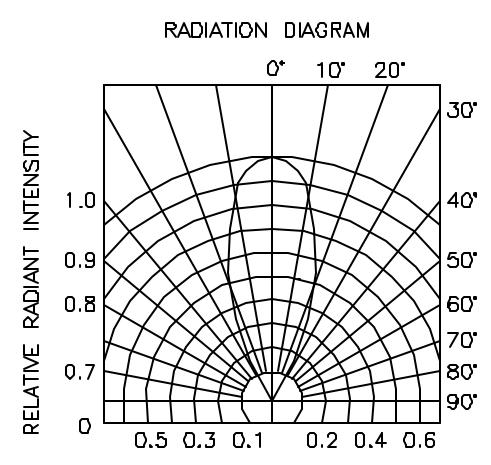
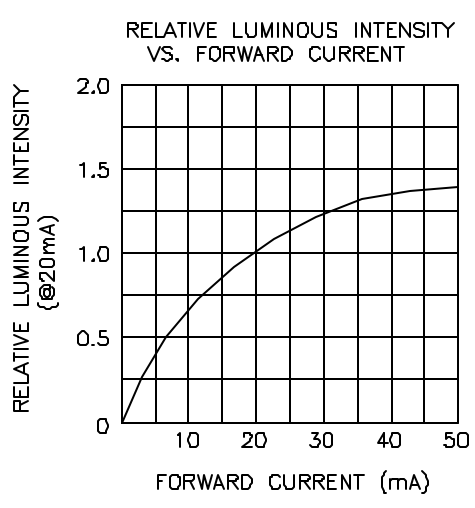
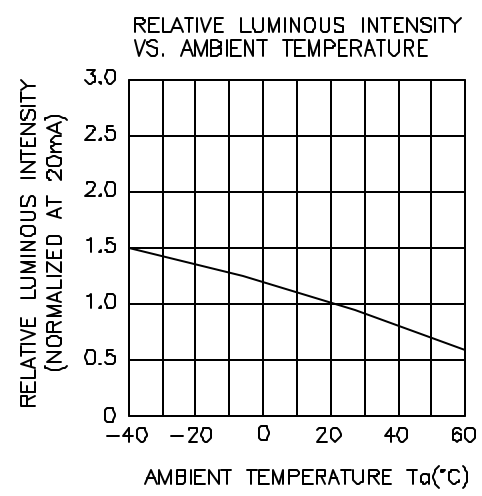
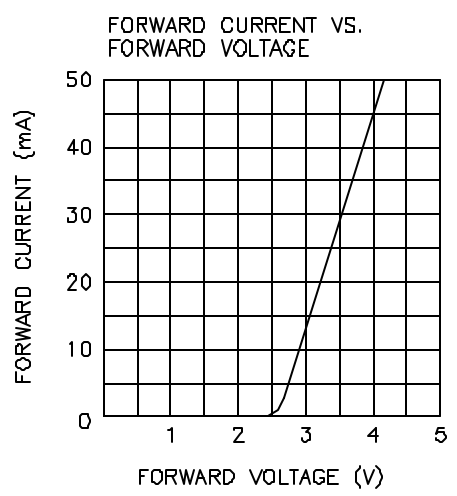
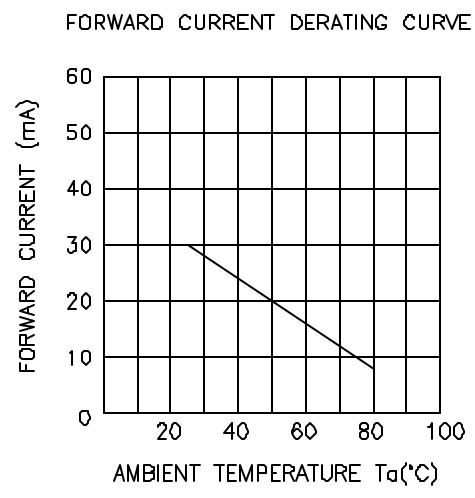
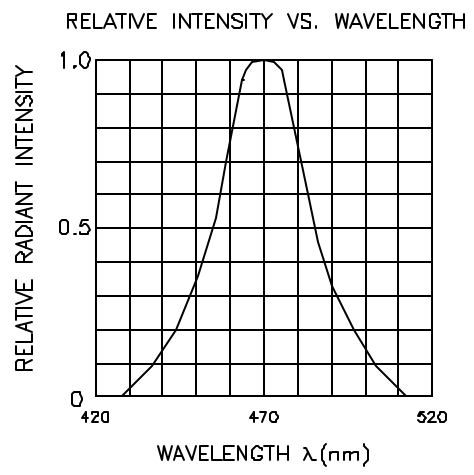
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.XX ± .025 (UNLESS OTHERWISE STATED)  
ANGLES ± 0°.30°  
FRACT. ± 1/32

TITLE L200CWBPB4KB-45D			
DWG NO DSDC349	SCALE 2:1	SHEET 1 OF 2	DATE 03-10-05
CODE IDENT NO. 8Z410	DWG BY RM	CHK BY PL	QA JCH 03-23-0503-23-05
MFG		CUSTOMER	

LTR	REVISION	DATE	APPD
-	RELEASED	03-15-05	



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 .XX ± .025 (UNLESS OTHERWISE STATED)  
 ANGLES ± 0°.30°  
 FRACT. ± 1/32

TITLE L200CWPB4KB-45D			
DWG NO DSDC0349-A	SCALE 2:1	SHEET 2 OF 2	DATE 03-15-05
CODE IDENT NO. 8Z410	DWG BY RM	CHK BY QA PL JCH 03-23-05	MFG 03-23-05
CUSTOMER			