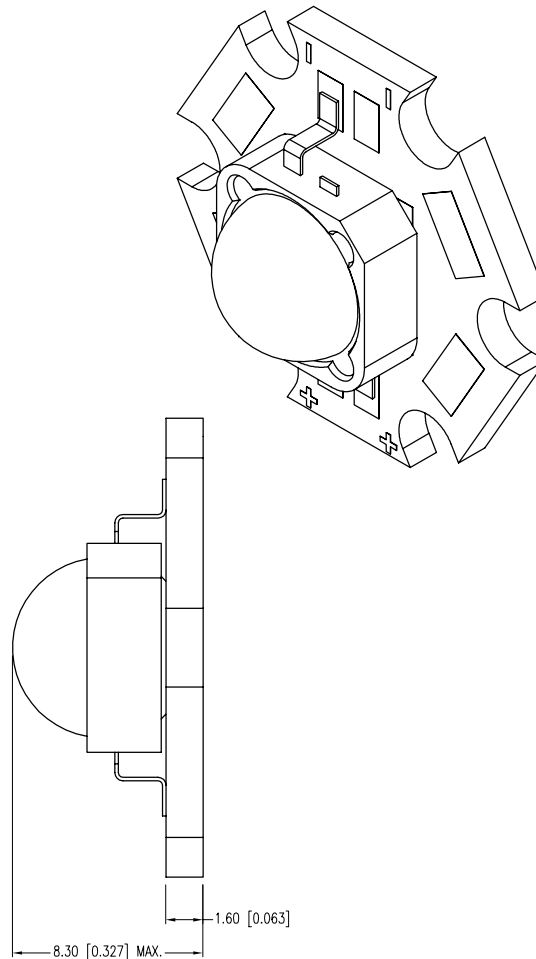
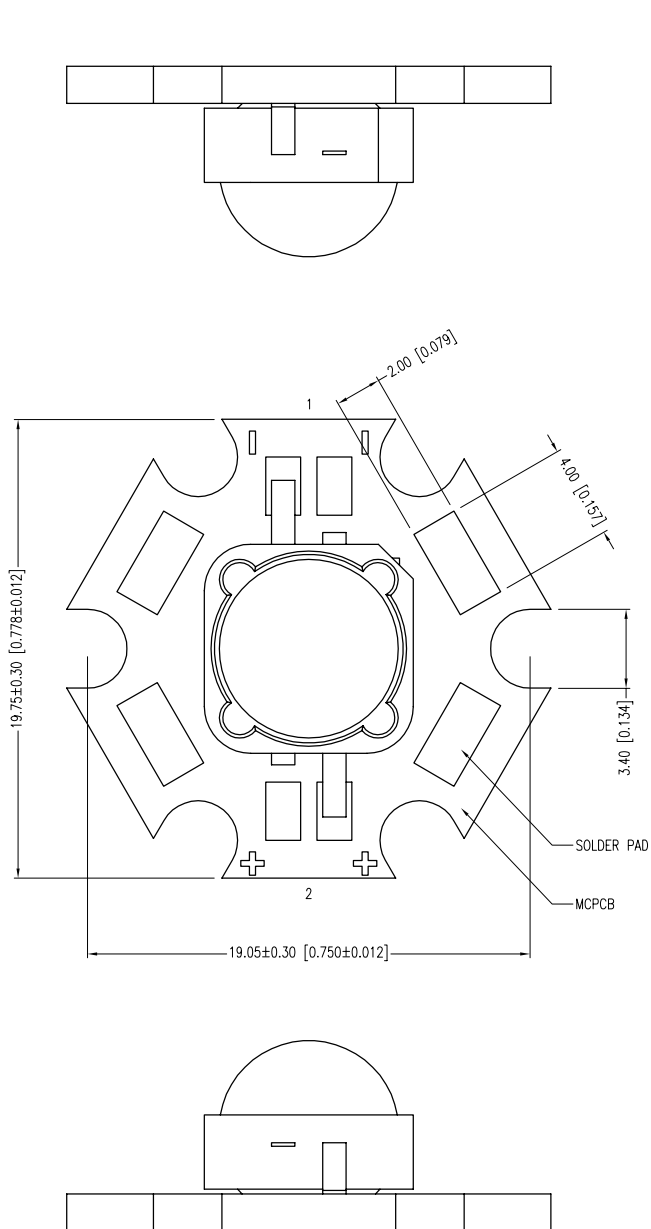
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=1200\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE	4.0	4.5	5.1	V_f	$I_f=1200\text{mA}$
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	180	250		mcd	$I_f=1200\text{mA}$
COLOR TEMPERATURE	5310	6000	7040	K	
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1500	mA
STEADY CURRENT	1200	mA
POWER DISSIPATION	50	W
OPERATING TEMP.	-40 TO +100	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +100	$^{\circ}\text{C}$
SOLDERING TEMP.	+350	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

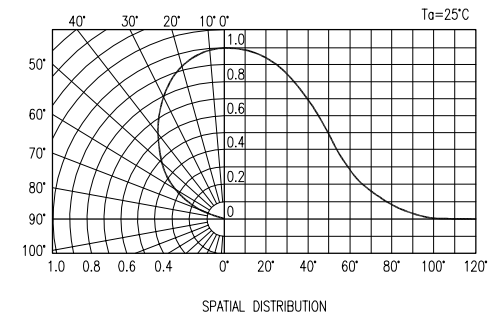
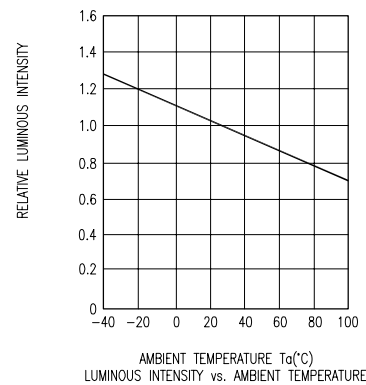
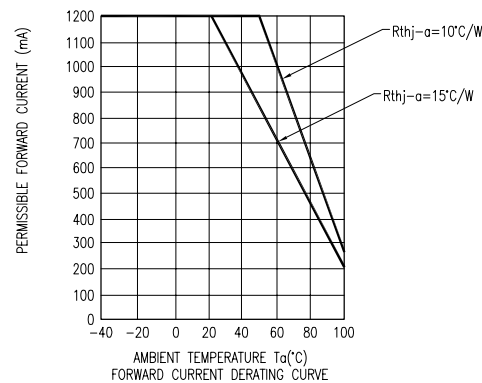
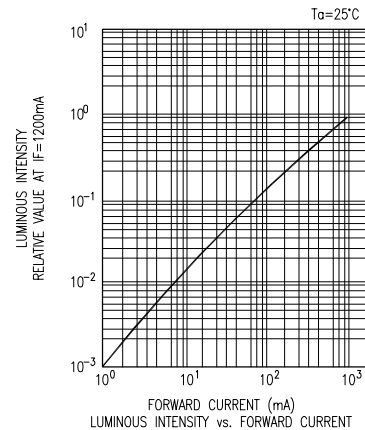
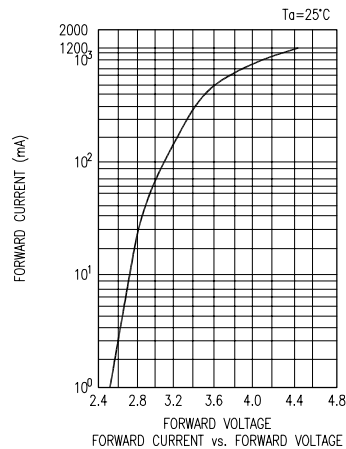
THERMAL PARAMETERS

PARAMETER	VALUE	UNITS
JUNCTION TEMPERATURE	110	$^{\circ}\text{C}$
THERMAL RESISTANCE	9.0	$^{\circ}\text{C}/\text{W}$
TEMPERATURE COEFFICIENT OF V_f	-4.3	$\text{mV}/^{\circ}\text{C}$

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX= $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

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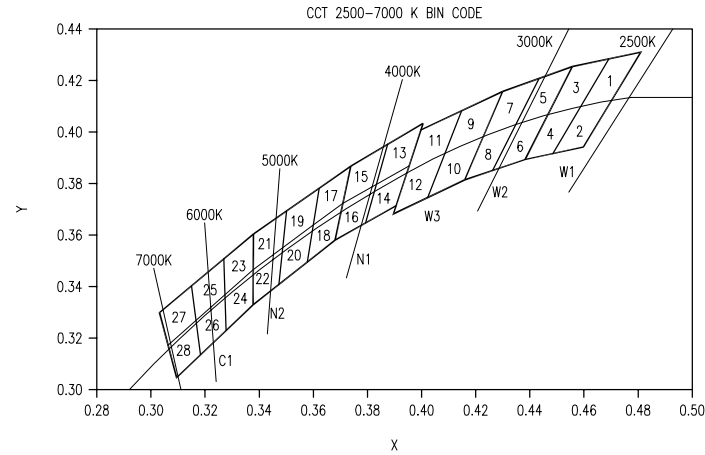
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PAGE:	2 OF 3	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ



COLOR	GROUP	CHROMATICITY REGIONS	MIN.	TYP.	MAX.
WARM WHITE	W1	1,2,3,4	2580	2700	2870
	W2	5,6,7,8	2870	3000	3220
	W3	9,10,11,12	3220	3500	3710
WARM WHITE	N1	13,14,15,16	3710	4000	4260
	N2	17,18,19,20,21,22	4260	4700	5310
COOL WHITE	C1	23,24,25,26,27,28	5310	6000	7040

X Y			X Y			X Y			X Y			X Y			X Y		
1	0.4582	0.4099	6	0.4259	0.3853	11	0.3941	0.3848	16	0.3670	0.3578	21	0.3496	0.3702	26	0.3265	0.3371
	0.4687	0.4289		0.4342	0.4028		0.3996	0.4015		0.3702	0.3722		0.3376	0.3616		0.3160	0.3274
	0.4813	0.4319		0.4465	0.4071		0.4146	0.4089		0.3825	0.3798		0.3370	0.3472		0.3175	0.3139
	0.4700	0.4126		0.4373	0.3893		0.4080	0.3916		0.3783	0.3646		0.3481	0.3557		0.3270	0.3230
2	0.4483	0.3919	7	0.4221	0.3984	12	0.3889	0.3690	17	0.3736	0.3874	22	0.3481	0.3557	27	0.3144	0.3408
	0.4582	0.4099		0.4299	0.4165		0.3941	0.3848		0.3616	0.3788		0.3370	0.3472		0.3028	0.3304
	0.4700	0.4126		0.4430	0.4212		0.4080	0.3916		0.3592	0.3641		0.3364	0.3328		0.3055	0.3177
	0.4593	0.3944		0.4342	0.4028		0.4017	0.3751		0.3703	0.3726		0.3466	0.3411		0.3160	0.3274
3	0.4465	0.4071	8	0.4147	0.3814	13	0.3825	0.3798	18	0.3703	0.3726	23	0.3376	0.3616	28	0.3160	0.3274
	0.4562	0.4260		0.4221	0.3984		0.3869	0.3959		0.3592	0.3641		0.3260	0.3512		0.3055	0.3177
	0.4687	0.4289		0.4342	0.4028		0.4006	0.4044		0.3568	0.3495		0.3265	0.3371		0.3081	0.3049
	0.4582	0.4099		0.4259	0.3853		0.3950	0.3875		0.3670	0.3578		0.3370	0.3472		0.3175	0.3139
4	0.4373	0.3893	9	0.4080	0.3916	14	0.3783	0.3646	19	0.3616	0.3788	24	0.3370	0.3472			
	0.4465	0.4071		0.4146	0.4089		0.3825	0.3798		0.3496	0.3702		0.3265	0.3371			
	0.4582	0.4099		0.4299	0.4165		0.3950	0.3875		0.3481	0.3557		0.3270	0.3230			
	0.4483	0.3919		0.4221	0.3984		0.3898	0.3716		0.3592	0.3641		0.3364	0.3328			
5	0.4342	0.4028	10	0.4017	0.3751	15	0.3702	0.3722	20	0.3592	0.3641	25	0.3260	0.3512			
	0.4430	0.4212		0.4080	0.3916		0.3736	0.3874		0.3481	0.3557		0.3144	0.3408			
	0.4562	0.4260		0.4221	0.3984		0.3869	0.3958		0.3466	0.3411		0.3160	0.3274			
	0.4465	0.4071		0.4147	0.3814		0.3825	0.3798		0.3568	0.3495		0.3265	0.3371			

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