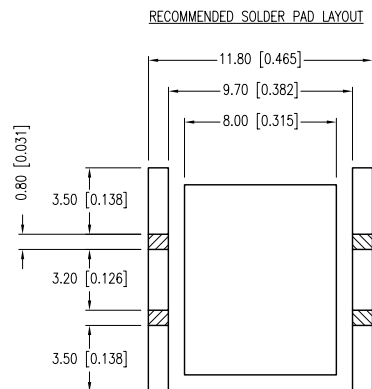
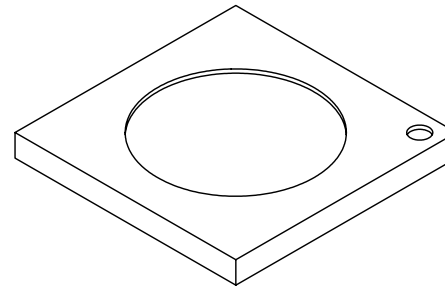
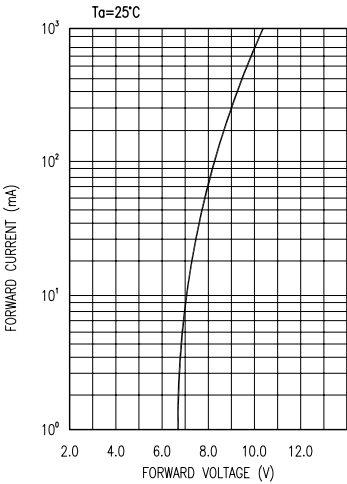




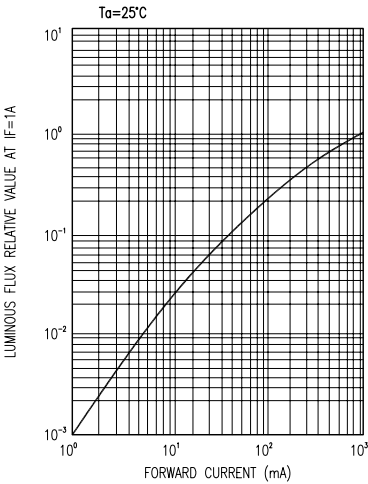
THERMAL PARAMETERS		
PARAMETER	MAX	UNITS
JUNCTION TEMPERATURE	110	°C
THERMAL RESISTANCE (JUNCTION/SOLDER)	2.7	°C/W
THERMAL RESISTANCE (JUNCTION/AMBIENT)	13.5	°C/W
TEMPERATURE COEFFICIENT OF V_f	-5.6	mV/°C

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

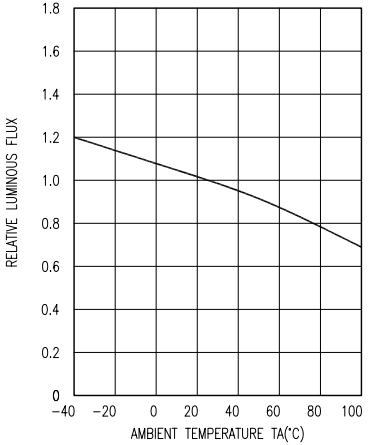
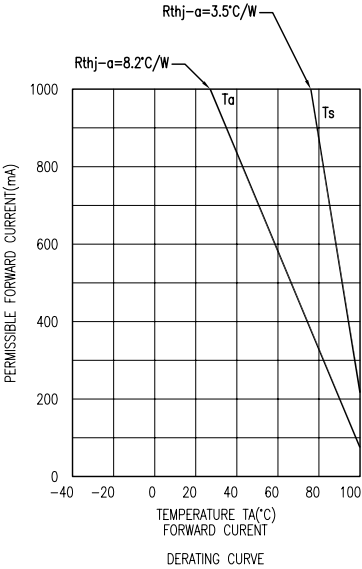
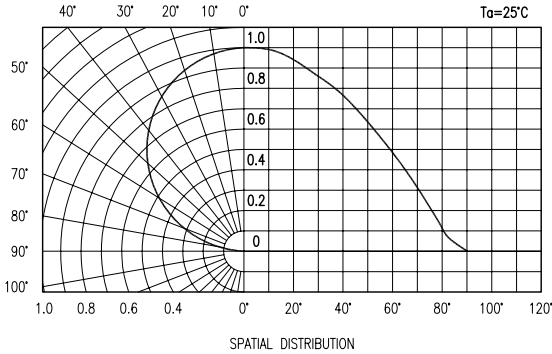
DATE: 09.22.11	DRAWN BY: AB
PAGE: 1 OF 4	CHKD BY: KF
SCALE: NTS	APRVD BY: JD
UNIT: mm [INCH]	(PK)



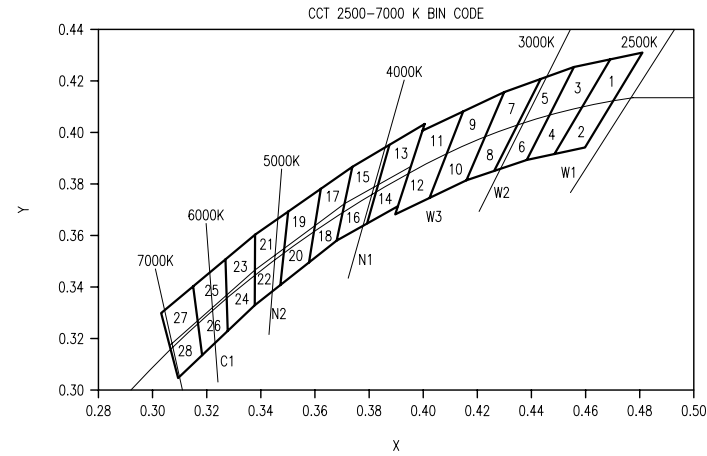
FORWARD CURRENT VS FORWARD VOLTAGE



LUMINOUS FLUX VS FORWARD CURRENT



LUMINOUS FLUX VS AMBIENT TEMPERATURE



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	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				

*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.=^{+0.00}_{-0.00} DECIMAL PRECISION MAX.=^{+0.00}_{-0.00} DECIMAL PRECISION

UNCONTROLLED DOCUMENT



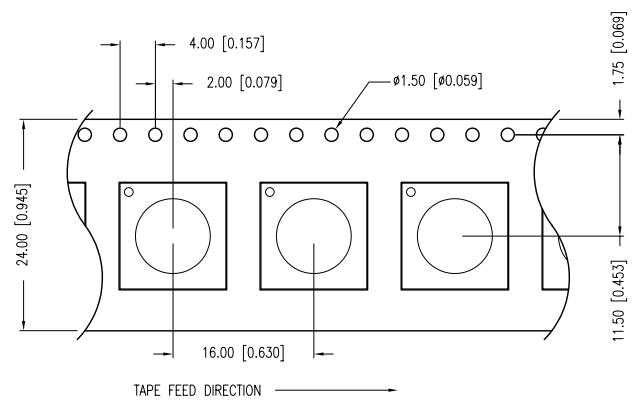
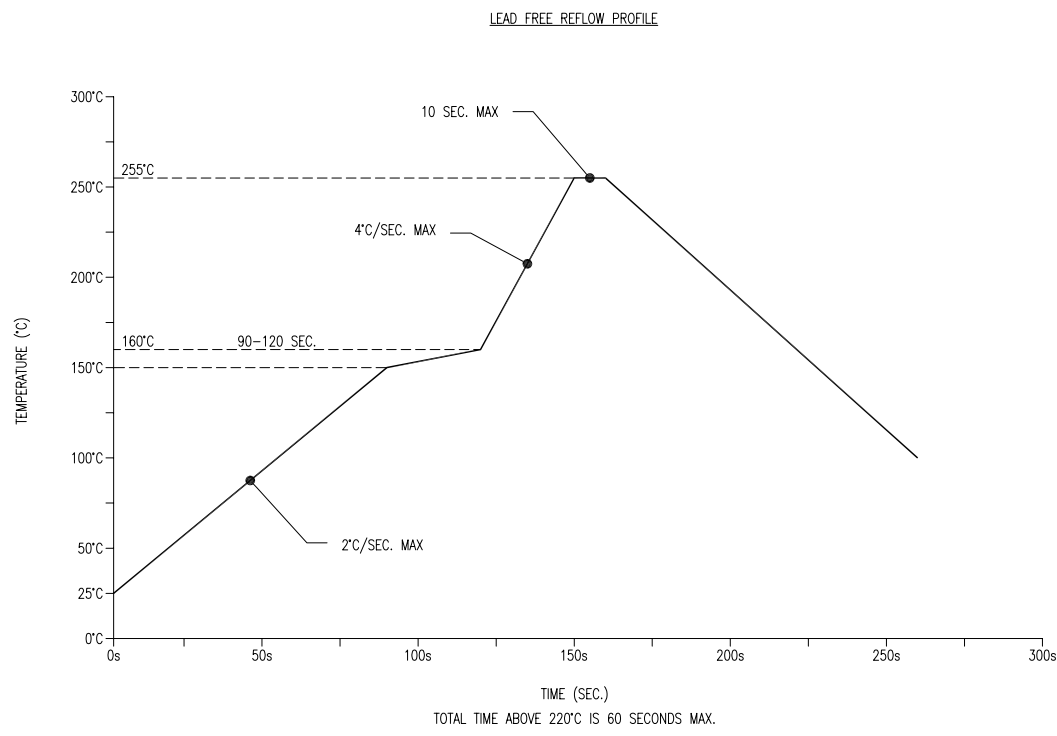
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FAX: +1.847.359.6538
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12mm x 12mm SURFACE MOUNT LED, NEUTRAL WHITE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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PAGE:	3 OF 4	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ



*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= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT

 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	12mm x 12mm SURFACE MOUNT LED, NEUTRAL WHITE.		DATE: 09.22.11	DRAWN BY: AB
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			UNIT: mm [INCH]	