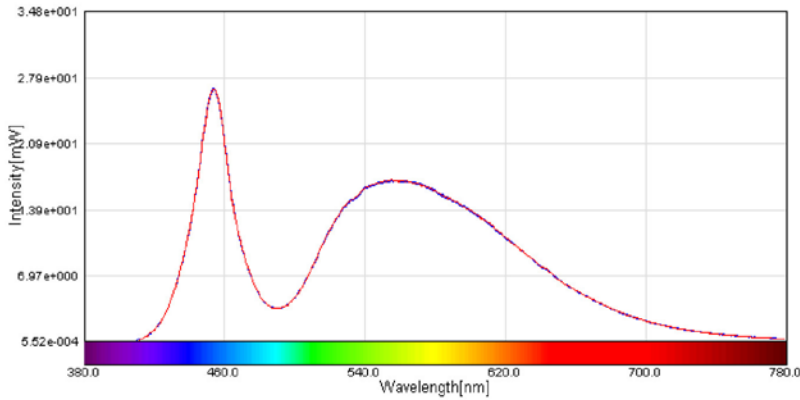
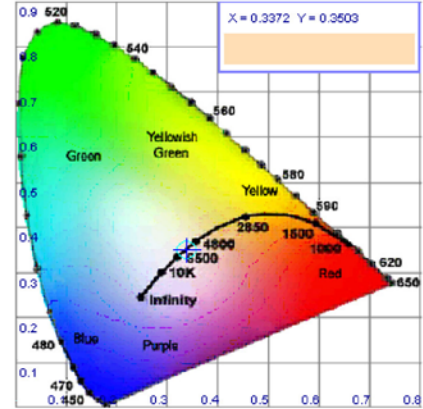


LED Optical and Electrical Test Report(OPI-1000) Page 1/2

■ Overlay Spectrum Graph



■ CIE Color Graph



■ Test Data

No.	Volts(V) y	Amps(A) u	Power(W) v	PF u'	CCT(°C) v'	CRI CCF'	Φv(lm) Pu(%)	K(lm/W)	x
01	220.40 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5307.4 0.4829	73.7 0.9989	905.89 6.29	82.35 1.7666	0.3372
02	220.20 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5306.0 0.4829	73.7 0.9989	905.94 6.29	82.36 1.7666	0.3373
03	220.10 0.3503	0.0540 0.2066	11.00 0.3219	0.9250 0.2066	5306.4 0.4829	73.7 0.9989	905.76 6.30	82.34 1.7666	0.3373
04	220.10 0.3503	0.0540 0.2066	11.00 0.3219	0.9250 0.2066	5305.4 0.4829	73.7 0.9989	905.77 6.30	82.34 1.7666	0.3373
05	219.90 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5308.2 0.4829	73.7 0.9989	905.67 6.28	82.33 1.7666	0.3372
06	219.90 0.3504	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5306.7 0.4829	73.7 0.9989	905.66 6.30	82.33 1.7666	0.3373
07	220.60 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5307.8 0.4829	73.7 0.9989	905.96 6.29	82.36 1.7666	0.3372
08	220.20 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5306.7 0.4829	73.7 0.9989	905.79 6.29	82.34 1.7666	0.3373
09	220.20 0.3503	0.0540 0.2066	11.00 0.3219	0.9240 0.2066	5306.1 0.4829	73.7 0.9989	905.79 6.29	82.34 1.7666	0.3373
10	220.30 0.3503	0.0540 0.2066	11.00 0.3219	0.9230 0.2066	5308.1 0.4829	73.7 0.9989	905.82 6.30	82.35 1.7666	0.3372

*Test Model : PAR30

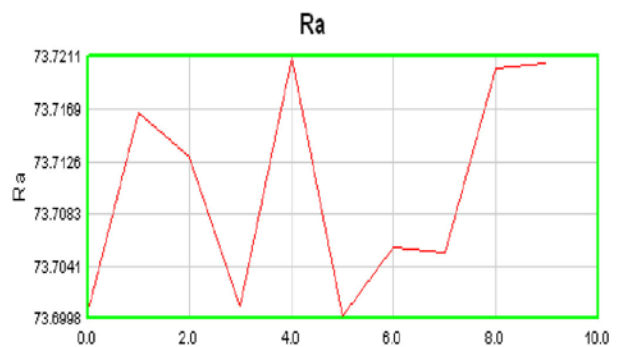
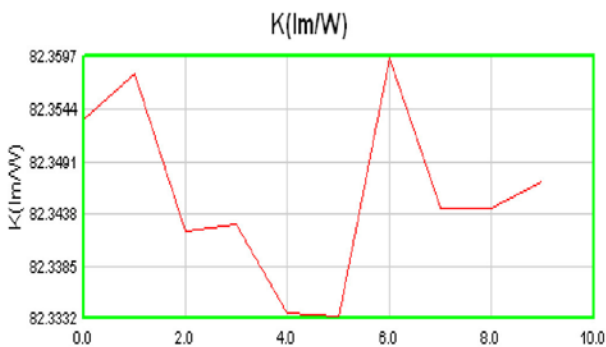
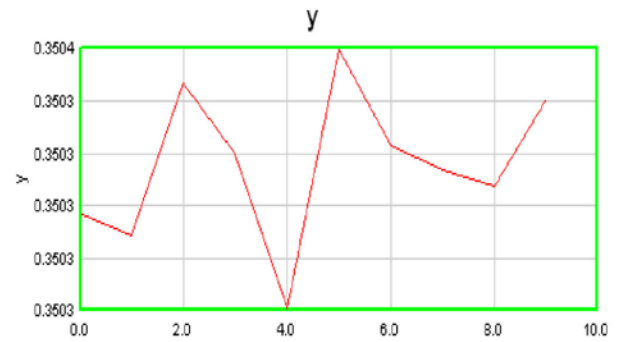
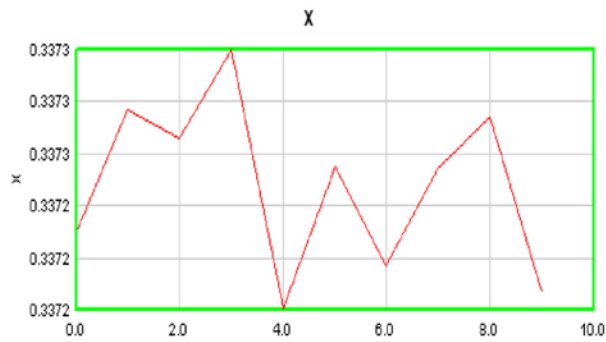
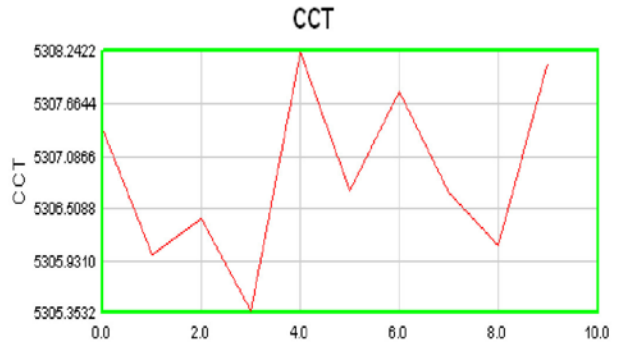
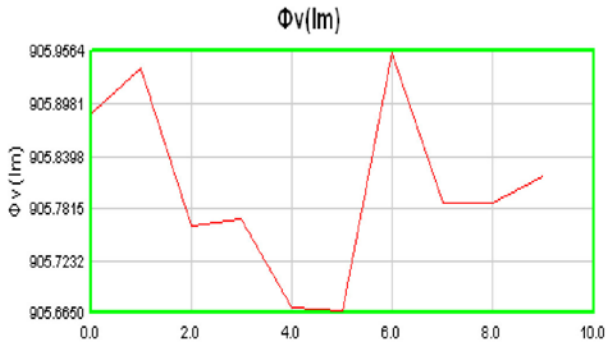
*Test Date : 2010-06-24

*Test Spec. : 12W-5000K-120

*Test Lot.No : SPR1026-01

LED Optical and Electrical Test Report(OPI-1000) Page 2/2

Item Graph



*Test Model : PAR30

*Test Date : 2010-06-24

*Test Spec. : 12W-5000K-120

*Test Lot.No : SPR1026-01