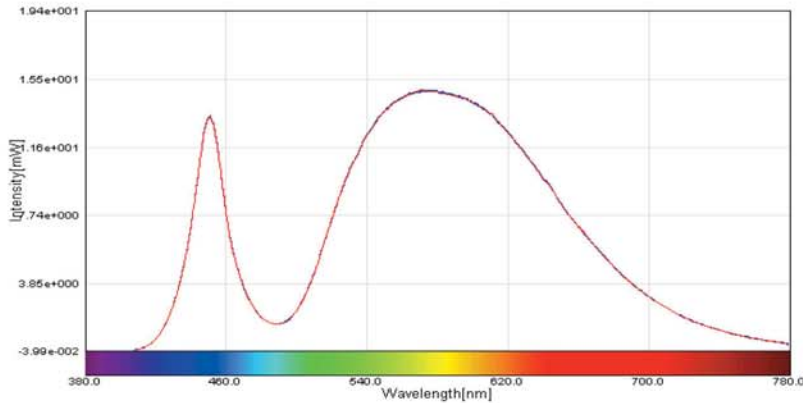
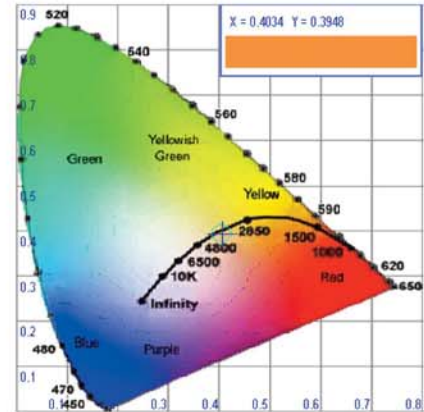


LED Optical and Electrical Test Report(OPI-1000)

■ 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	220.38 0.3947	0.0526 0.2328	11.15 0.3418	0.9615 0.2328	3575.1 0.5126	71.3 1.0008	780.60 39.60	70.01 0.7926	0.4034
02	220.30 0.3948	0.0526 0.2328	11.15 0.3418	0.9614 0.2328	3575.6 0.5126	71.3 1.0008	780.48 39.60	70.00 0.7926	0.4034
03	220.35 0.3948	0.0527 0.2328	11.17 0.3418	0.9612 0.2328	3575.2 0.5127	71.3 1.0008	780.53 39.61	69.88 0.7926	0.4034
04	220.35 0.3948	0.0527 0.2328	11.17 0.3418	0.9612 0.2328	3574.8 0.5126	71.3 1.0008	780.37 39.61	69.86 0.7926	0.4034
05	220.34 0.3947	0.0528 0.2328	11.18 0.3418	0.9615 0.2328	3574.9 0.5126	71.3 1.0008	780.44 39.61	69.81 0.7926	0.4034
06	220.33 0.3948	0.0527 0.2328	11.16 0.3418	0.9616 0.2328	3575.4 0.5126	71.3 1.0008	780.35 39.61	69.92 0.7926	0.4034
07	220.36 0.3948	0.0528 0.2328	11.18 0.3418	0.9609 0.2328	3575.1 0.5127	71.3 1.0008	780.27 39.63	69.79 0.7926	0.4034
08	220.36 0.3948	0.0528 0.2328	11.18 0.3418	0.9609 0.2328	3575.7 0.5126	71.3 1.0008	780.28 39.61	69.79 0.7926	0.4034
09	220.32 0.3947	0.0527 0.2328	11.16 0.3418	0.9606 0.2328	3575.0 0.5126	71.3 1.0008	780.44 39.61	69.93 0.7926	0.4034
10	220.39 0.3948	0.0526 0.2328	11.15 0.3418	0.9609 0.2328	3574.3 0.5127	71.3 1.0008	780.37 39.63	69.99 0.7926	0.4034

*Test Model : SPS

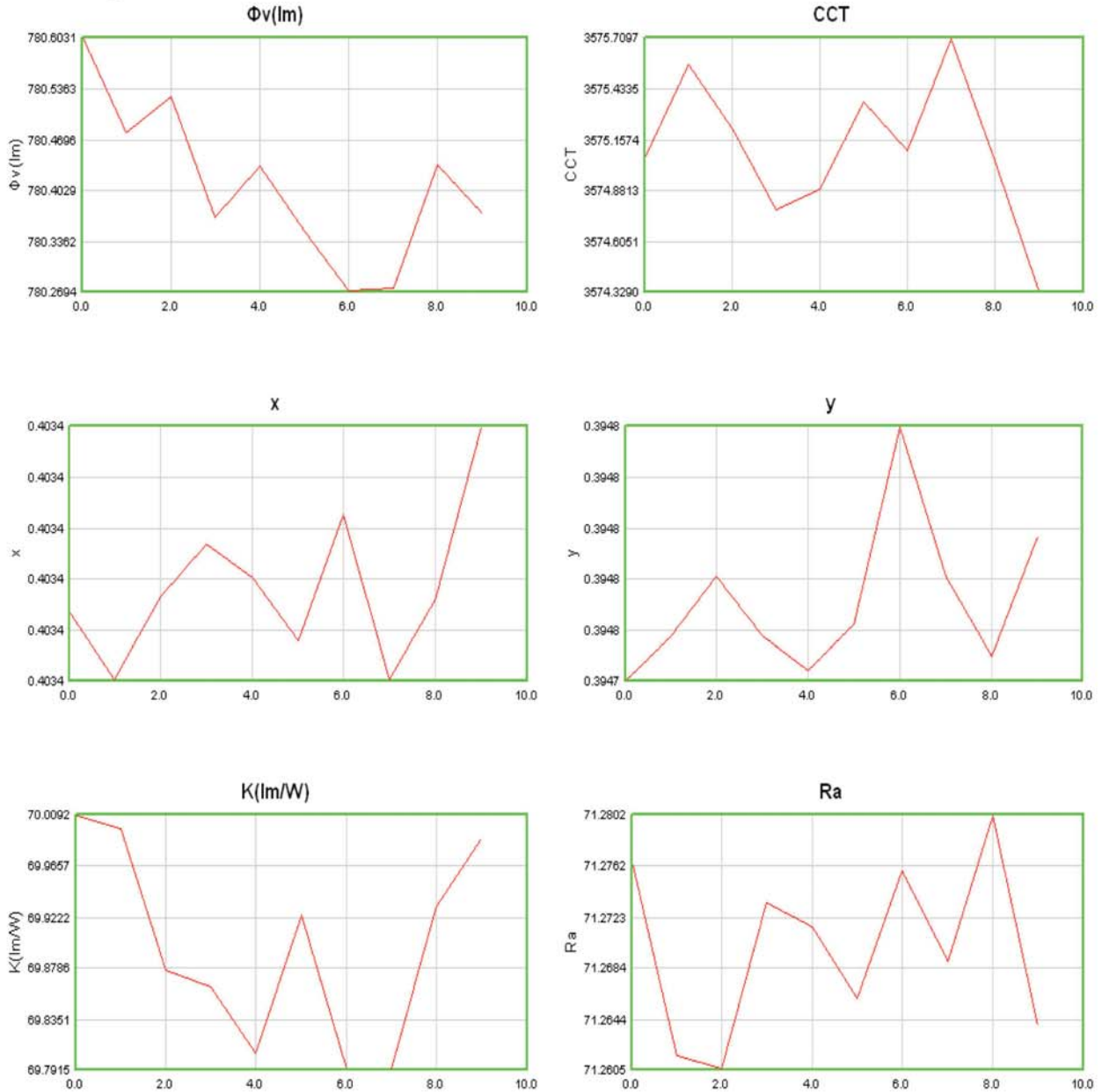
*Test Date : 2010-05-19

*Test Spec. : 3800K-12-W-120

*Test Lot.No : SPR1021-02

LED Optical and Electrical Test Report(OPI-1000)

Item Graph



*Test Model : SPS

*Test Date : 2010-05-19

*Test Spec. : 3800K-12-W-120

*Test Lot.No : SPR1021-02