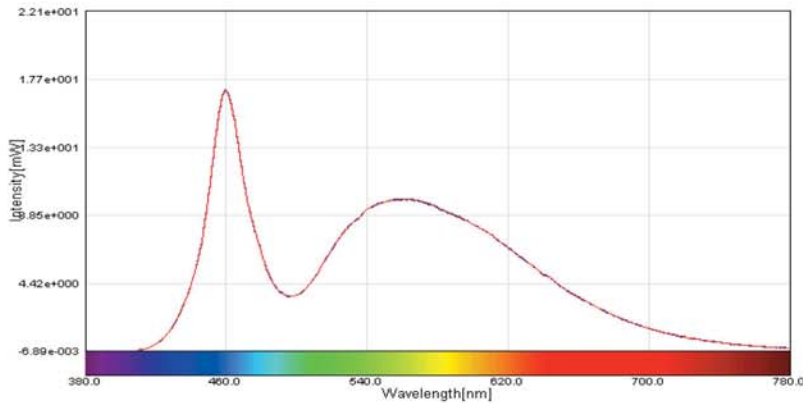
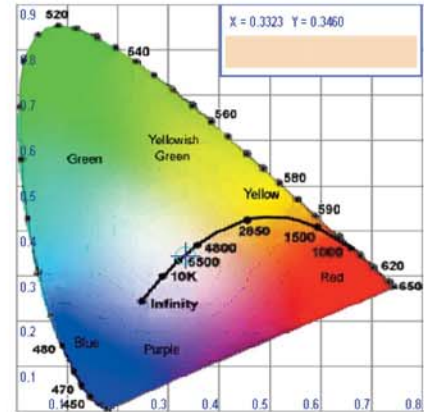


LED Optical and Electrical Test Report(OPI-1000)

■ 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	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5507.7 0.4800	79.6 0.9985	535.34 3.54	78.73 0.7634	0.3323
02	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5508.4 0.4800	79.6 0.9985	535.28 3.51	78.72 0.7634	0.3323
03	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5508.6 0.4800	79.6 0.9985	535.22 3.54	78.71 0.7634	0.3323
04	11.90 0.3459	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5510.5 0.4800	79.6 0.9985	535.21 3.51	78.71 0.7634	0.3323
05	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5509.3 0.4800	79.6 0.9985	535.23 3.52	78.71 0.7634	0.3323
06	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5507.8 0.4800	79.6 0.9985	535.17 3.53	78.70 0.7634	0.3323
07	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5510.0 0.4800	79.6 0.9985	535.18 3.52	78.70 0.7634	0.3323
08	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5507.4 0.4800	79.6 0.9985	535.20 3.53	78.71 0.7634	0.3323
09	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5508.6 0.4800	79.6 0.9985	535.14 3.53	78.70 0.7634	0.3323
10	11.90 0.3460	0.5690 0.2049	6.80 0.3200	1.0000 0.2049	5509.1 0.4800	79.6 0.9985	535.13 3.53	78.70 0.7634	0.3323

*Test Model : MR16

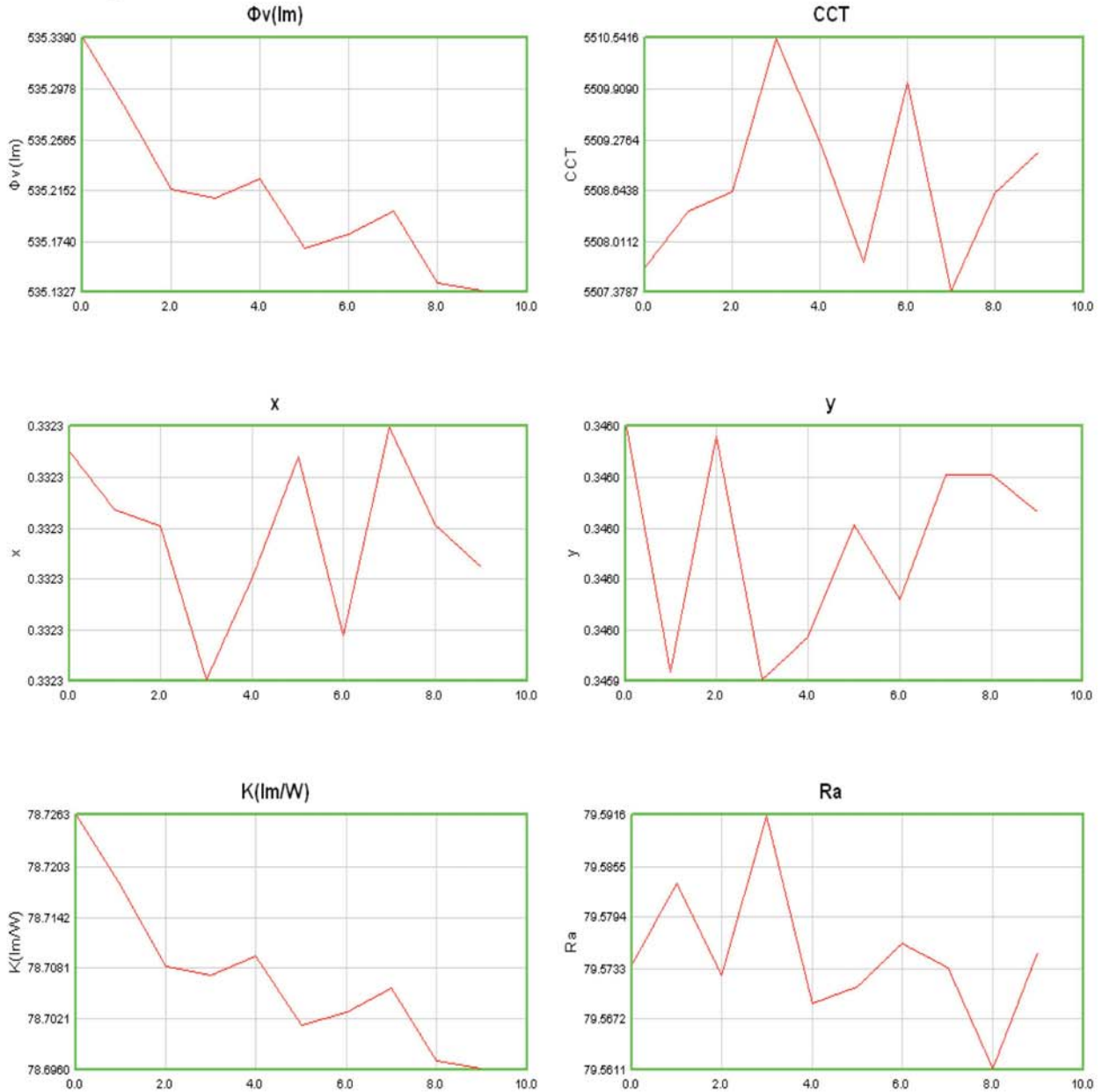
*Test Date : 2010-07-14

*Test Spec. : 7W-5000K-120

*Test Dept. : QUALITY DIVISION

LED Optical and Electrical Test Report(OPI-1000)

Item Graph



*Test Model : MR16

*Test Date : 2010-07-14

*Test Spec. : 7W-5000K-120

*Test Dept. : QUALITY DIVISION