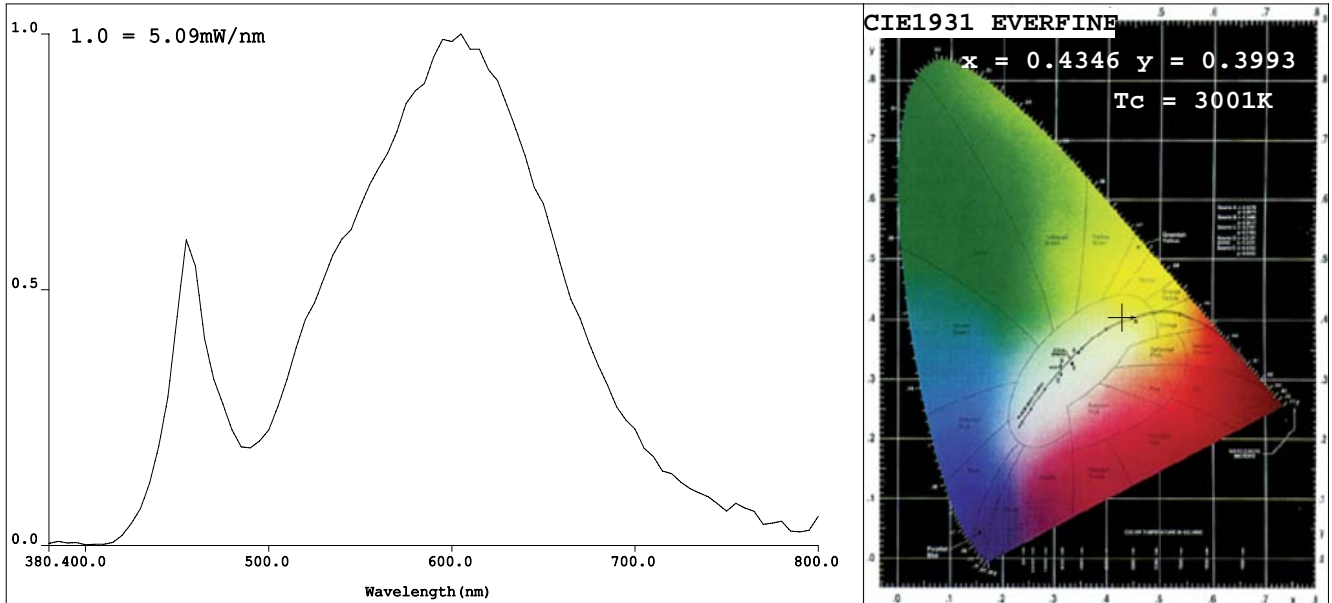


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4346$ $y=0.3993$ / $u'=0.2511$ $v'=0.5191$ ($duv=-1.59e-003$)
CCT: $T_c= 3001K$ Prcp WaveL: $\lambda_p=583.4nm$ Purity=50.3%
Peak WaveL: $\lambda_p=605nm$ Half Width: $\Delta\lambda=135.6nm$ Ratio: R=22.8% G=74.7% B=2.5%
Average Wave: 593nm PB=2.6040 PG=3.5563 PR=5.8041 PT=159.4891
Rendering Index: Ra=81.7
R1 =80 R2 =90 R3 =96 R4 =77 R5 =79 R6 =86 R7 =84 R8 =62
R9 =14 R10=75 R11=73 R12=63 R13=82 R14=98 R15=75

Photo Parameters:

Flux: $\Phi_v=255.16(lm)$ Luminous Efficacy: 52.95(lm/W) Luminous Power: $P=815.1(mW)$

Electrical Parameters:

U=11.99V I=0.5473A P=4.818W PF=0.734

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 11630 (G=6, D=433)
REF = 9634 TMP (PMT) = 23.5degrees centigradest Mode: Fast Test

11120021-1 12V 2800-3000K 40Degree Black Dimmable

Product Type: E953DF
Instrument: PMS-80 System
Temperature: 19.7deg
Test Operator: LET

Manufacturer: EVERFINE
Test Department:
Humidity: 65.0%
Test Date: 2012-01-09 20:36

Relative Spectrum Data:

nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)
380.0	0.0040	680.0	0.3513								
385.0	0.0079	685.0	0.3133								
390.0	0.0047	690.0	0.2707								
395.0	0.0055	695.0	0.2451								
400.0	0.0014	700.0	0.2273								
405.0	0.0022	705.0	0.1898								
410.0	0.0023	710.0	0.1738								
415.0	0.0059	715.0	0.1454								
420.0	0.0200	720.0	0.1402								
425.0	0.0428	725.0	0.1239								
430.0	0.0721	730.0	0.1111								
435.0	0.1218	735.0	0.1027								
440.0	0.1944	740.0	0.0952								
445.0	0.2902	745.0	0.0814								
450.0	0.4477	750.0	0.0671								
455.0	0.5975	755.0	0.0823								
460.0	0.5460	760.0	0.0731								
465.0	0.4042	765.0	0.0668								
470.0	0.3252	770.0	0.0412								
475.0	0.2764	775.0	0.0437								
480.0	0.2257	780.0	0.0473								
485.0	0.1927	785.0	0.0279								
490.0	0.1907	790.0	0.0264								
495.0	0.2043	795.0	0.0295								
500.0	0.2255	800.0	0.0568								
505.0	0.2711										
510.0	0.3247										
515.0	0.3863										
520.0	0.4417										
525.0	0.4742										
530.0	0.5205										
535.0	0.5673										
540.0	0.5990										
545.0	0.6174										
550.0	0.6627										
555.0	0.7045										
560.0	0.7373										
565.0	0.7671										
570.0	0.8090										
575.0	0.8636										
580.0	0.8887										
585.0	0.9028										
590.0	0.9544										
595.0	0.9894										
600.0	0.9851										
605.0	1.0000										
610.0	0.9700										
615.0	0.9701										
620.0	0.9300										
625.0	0.9084										
630.0	0.8612										
635.0	0.8132										
640.0	0.7619										
645.0	0.6998										
650.0	0.6676										
655.0	0.6054										
660.0	0.5405										
665.0	0.4807										
670.0	0.4442										
675.0	0.3945										

Product Type:E953DF
Instrument:PMS-80 System
Temperature:19.7deg
Test Operator:LET

Manufacturer:EVERFINE
Test Department:
Humidity:65.0%
Test Date:2012-01-09 20:36