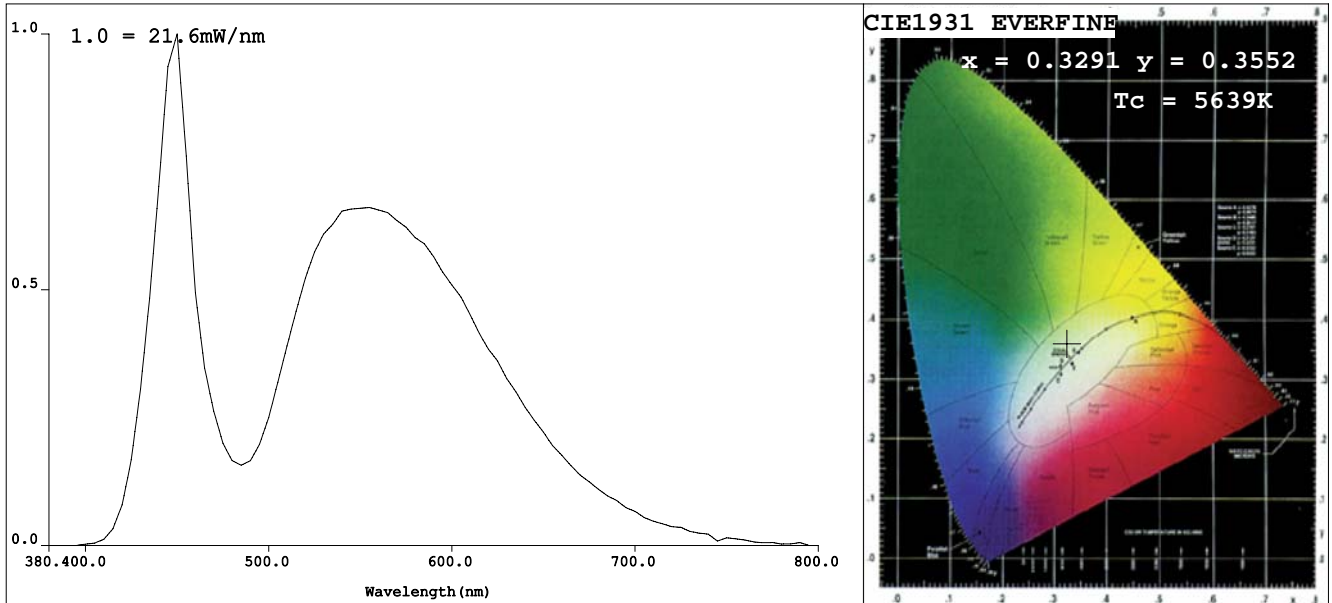


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3291$ $y=0.3552$ / $u'=0.1993$ $v'=0.4841$ ($duv=8.53e-003$)

CCT: $T_c=5639K$ Prcp WaveL: $\lambda_p=543.7nm$ Purity=5.5%

Peak WaveL: $\lambda_p=450nm$ Half Width: $\Delta\lambda=24.5nm$ Ratio: R=12.6% G=83.9% B=3.5%

Average Wave: 548nm PB=3.4328 PG=3.8242 PR=2.6909 PT=116.2870

Rendering Index: Ra=70.8

R1 =67 R2 =75 R3 =80 R4 =72 R5 =69 R6 =66 R7 =81 R8 =58
R9 =0 R10=39 R11=68 R12=41 R13=68 R14=89 R15=61

Photo Parameters:

Flux: $\Phi=842.16(lm)$ Luminous Efficacy: 77.05(lm/W) Luminous Power: $P=2.518(W)$

Electrical Parameters:

U=11.91V I=1.138A P=10.93W PF=0.806

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm Ip = 16961(G=5,D=348)
REF = 28263 TMP (PMT) = 22.9degrees centigradest Mode: Fast Test

AR111F-1 Y13010011-4 12V 5000-5700K 40Degree Silver Non-dimmable

Product Type:AR111F
Instrument:PMS-80 System
Temperature:21.8deg
Test Operator:LET

Manufacturer:EVERFINE
Test Department:
Humidity:65.0%
Test Date:2013-01-21 15:36

Relative Spectrum Data:

nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)
380.0	0.0000	680.0	0.1099								
385.0	0.0000	685.0	0.0968								
390.0	0.0000	690.0	0.0878								
395.0	0.0000	695.0	0.0739								
400.0	0.0024	700.0	0.0665								
405.0	0.0046	705.0	0.0546								
410.0	0.0119	710.0	0.0473								
415.0	0.0328	715.0	0.0424								
420.0	0.0794	720.0	0.0367								
425.0	0.1674	725.0	0.0354								
430.0	0.3053	730.0	0.0275								
435.0	0.4834	735.0	0.0240								
440.0	0.7021	740.0	0.0221								
445.0	0.9361	745.0	0.0085								
450.0	1.0000	750.0	0.0149								
455.0	0.7612	755.0	0.0130								
460.0	0.4938	760.0	0.0106								
465.0	0.3470	765.0	0.0067								
470.0	0.2628	770.0	0.0053								
475.0	0.1999	775.0	0.0057								
480.0	0.1659	780.0	0.0028								
485.0	0.1568	785.0	0.0030								
490.0	0.1656	790.0	0.0056								
495.0	0.1976	795.0	0.0000								
500.0	0.2500	800.0	0.0000								
505.0	0.3190										
510.0	0.3900										
515.0	0.4580										
520.0	0.5224										
525.0	0.5734										
530.0	0.6088										
535.0	0.6281										
540.0	0.6536										
545.0	0.6576										
550.0	0.6591										
555.0	0.6608										
560.0	0.6557										
565.0	0.6505										
570.0	0.6351										
575.0	0.6221										
580.0	0.6016										
585.0	0.5897										
590.0	0.5647										
595.0	0.5342										
600.0	0.5092										
605.0	0.4856										
610.0	0.4510										
615.0	0.4145										
620.0	0.3834										
625.0	0.3604										
630.0	0.3259										
635.0	0.3002										
640.0	0.2700										
645.0	0.2447										
650.0	0.2215										
655.0	0.1950										
660.0	0.1762										
665.0	0.1561										
670.0	0.1377										
675.0	0.1243										

Product Type:AR111F
Instrument:PMS-80 System
Temperature:21.8deg
Test Operator:LET

Manufacturer:EVERFINE
Test Department:
Humidity:65.0%
Test Date:2013-01-21 15:36