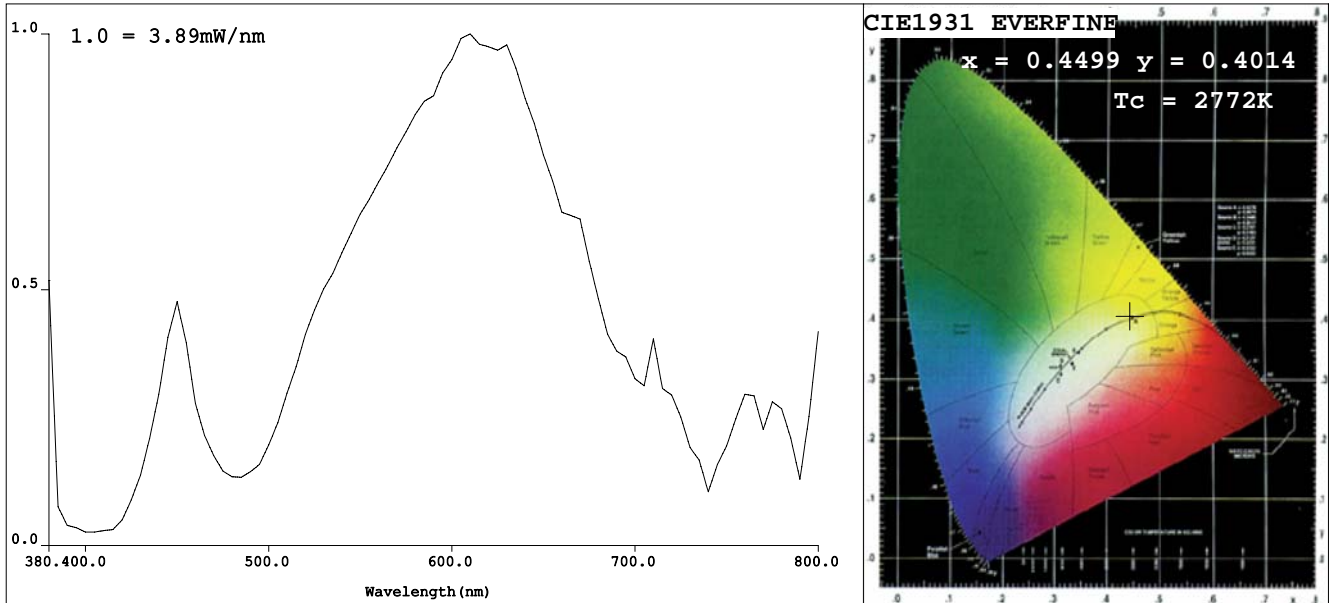


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4499$ $y=0.4014$ / $u'=0.2601$ $v'=0.5223$ ($duv=-2.55e-003$)
CCT: $T_c=2772K$ Prcp WaveL: $\lambda_p=584.7nm$ Purity=55.5%
Peak WaveL: $\lambda_p=610nm$ Half Width: $\Delta\lambda=149.0nm$ Ratio: R=24.8% G=73.4% B=1.8%
Average Wave: 608nm PB=1.8170 PG=3.4324 PR=5.8417 PT=176.8179
Rendering Index: Ra=83.3
R1 =83 R2 =89 R3 =92 R4 =81 R5 =81 R6 =84 R7 =87 R8 =70
R9 =32 R10=72 R11=78 R12=65 R13=84 R14=95 R15=80

Photo Parameters:

Flux: $\Phi=189.20(lm)$ Luminous Efficacy: 45.70(lm/W) Luminous Power: $P=706.6(mW)$

Electrical Parameters:

U=12.19V I=0.4899A P=4.141W PF=0.693

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 6818 (G=6, D=940)
REF = 6944 TMP (PMT) = 33.4degrees centigradest Mode: Fast Test

E953DF-1 Y12090022 12V 2700-2800K 50Degree Black Dimmable

Product Type: E953DF
Instrument: PMS-80 System
Temperature: 29.6deg
Test Operator: LET

Manufacturer: EVERFINE
Test Department:
Humidity: 65.0%
Test Date: 2012-09-21 10:38

Relative Spectrum Data:

nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)	nm	P (λ)
380.0	0.5180	680.0	0.4824								
385.0	0.0756	685.0	0.4129								
390.0	0.0393	690.0	0.3799								
395.0	0.0345	695.0	0.3683								
400.0	0.0261	700.0	0.3258								
405.0	0.0262	705.0	0.3121								
410.0	0.0290	710.0	0.4038								
415.0	0.0311	715.0	0.3068								
420.0	0.0501	720.0	0.2939								
425.0	0.0892	725.0	0.2511								
430.0	0.1372	730.0	0.1915								
435.0	0.2093	735.0	0.1669								
440.0	0.2955	740.0	0.1049								
445.0	0.4069	745.0	0.1585								
450.0	0.4765	750.0	0.1946								
455.0	0.3963	755.0	0.2477								
460.0	0.2776	760.0	0.2956								
465.0	0.2148	765.0	0.2925								
470.0	0.1756	770.0	0.2267								
475.0	0.1454	775.0	0.2808								
480.0	0.1342	780.0	0.2672								
485.0	0.1332	785.0	0.2102								
490.0	0.1440	790.0	0.1294								
495.0	0.1584	795.0	0.2522								
500.0	0.1965	800.0	0.4181								
505.0	0.2399										
510.0	0.2978										
515.0	0.3492										
520.0	0.4124										
525.0	0.4600										
530.0	0.5014										
535.0	0.5317										
540.0	0.5722										
545.0	0.6104										
550.0	0.6481										
555.0	0.6771										
560.0	0.7105										
565.0	0.7419										
570.0	0.7773										
575.0	0.8086										
580.0	0.8425										
585.0	0.8686										
590.0	0.8789										
595.0	0.9237										
600.0	0.9497										
605.0	0.9912										
610.0	1.0000										
615.0	0.9799										
620.0	0.9750										
625.0	0.9682										
630.0	0.9785										
635.0	0.9332										
640.0	0.8736										
645.0	0.8253										
650.0	0.7631										
655.0	0.7131										
660.0	0.6515										
665.0	0.6449										
670.0	0.6382										
675.0	0.5557										

Product Type:E953DF
Instrument:PMS-80 System
Temperature:29.6deg
Test Operator:LET

Manufacturer:EVERFINE
Test Department:
Humidity:65.0%
Test Date:2012-09-21 10:38