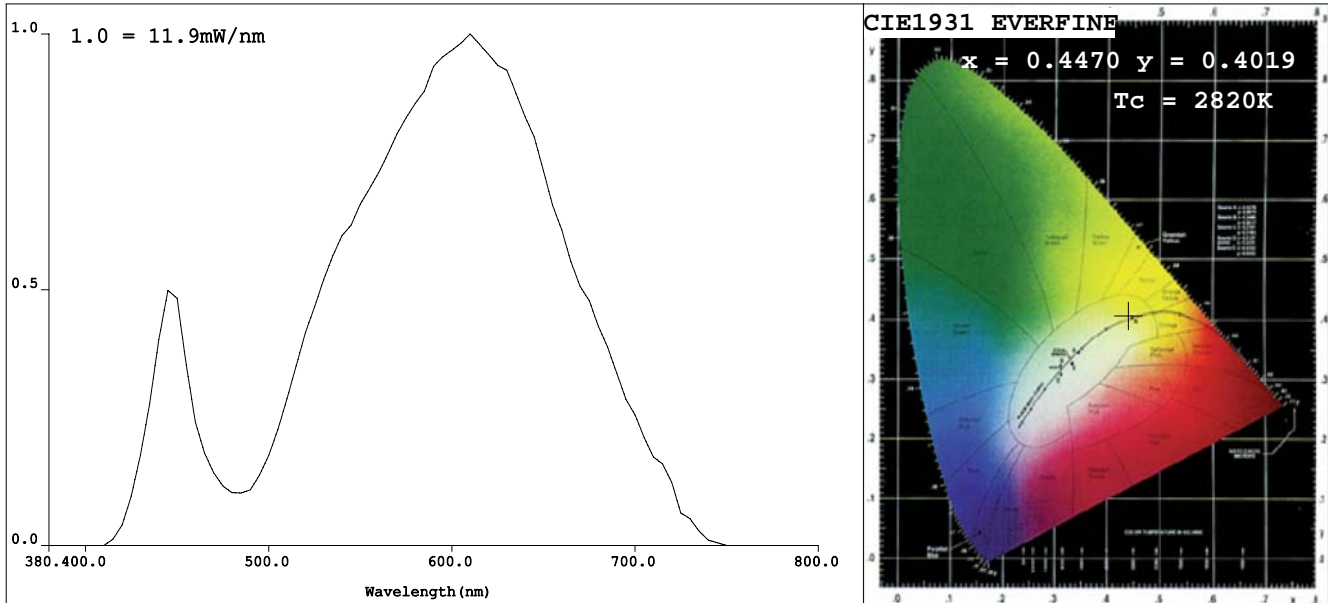


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4470$ $y=0.4019$ / $u'=0.2580$ $v'=0.5220$ ($duv=-2.08e-003$)
 CCT: $T_c=2820K$ Prcp WaveL: $\lambda_p=584.3nm$ Purity=54.8%
 Peak WaveL: $\lambda_p=610nm$ Half Width: $\Delta\lambda=143.0nm$ Ratio: R=23.9% G=74.5% B=1.6%
 Average Wave: 596nm PB=1.7065 PG=3.5659 PR=5.8371 PT=156.0197
 Rendering Index: Ra=79.9
 R1 =79 R2 =86 R3 =90 R4 =78 R5 =77 R6 =79 R7 =85 R8 =65
 R9 =19 R10=65 R11=74 R12=58 R13=80 R14=93 R15=76

Photo Parameters:

Flux: $\Phi_v=588.66(lm)$ Luminous Efficacy: 52.35(lm/W) Luminous Power: P=1.860(W)

Electrical Parameters:

U=11.50V I=1.197A P=11.24W PF=0.816

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm Ip = 20669(G=6,D=2004)
 REF = 19850 TMP (PMT) = 21.3degrees centigradest Mode: Fast Test

AR111F-1 Y13010003-12 12V 2700K 25 degree black non-dimmable

Product Type:AR111F
 Instrument:PMS-80 System
 Temperature:19.1deg
 Test Operator:LET

Manufacturer:EVERFINE
 Test Department:
 Humidity:65.0%
 Test Date:2013-01-15 08:59

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	0.4286								
385.0	0.0000	685.0	0.3879								
390.0	0.0000	690.0	0.3372								
395.0	0.0000	695.0	0.2859								
400.0	0.0000	700.0	0.2552								
405.0	0.0000	705.0	0.2110								
410.0	0.0000	710.0	0.1730								
415.0	0.0123	715.0	0.1594								
420.0	0.0400	720.0	0.1236								
425.0	0.0967	725.0	0.0632								
430.0	0.1770	730.0	0.0522								
435.0	0.2762	735.0	0.0279								
440.0	0.4023	740.0	0.0104								
445.0	0.4986	745.0	0.0052								
450.0	0.4831	750.0	0.0000								
455.0	0.3530	755.0	0.0000								
460.0	0.2409	760.0	0.0000								
465.0	0.1803	765.0	0.0000								
470.0	0.1420	770.0	0.0000								
475.0	0.1161	775.0	0.0000								
480.0	0.1030	780.0	0.0000								
485.0	0.1026	785.0	0.0000								
490.0	0.1089	790.0	0.0000								
495.0	0.1375	795.0	0.0000								
500.0	0.1760	800.0	0.0000								
505.0	0.2263										
510.0	0.2869										
515.0	0.3509										
520.0	0.4156										
525.0	0.4658										
530.0	0.5193										
535.0	0.5662										
540.0	0.6054										
545.0	0.6263										
550.0	0.6672										
555.0	0.6972										
560.0	0.7286										
565.0	0.7648										
570.0	0.8043										
575.0	0.8358										
580.0	0.8641										
585.0	0.8883										
590.0	0.9368										
595.0	0.9552										
600.0	0.9680										
605.0	0.9819										
610.0	1.0000										
615.0	0.9801										
620.0	0.9602										
625.0	0.9387										
630.0	0.9290										
635.0	0.8841										
640.0	0.8377										
645.0	0.7983										
650.0	0.7323										
655.0	0.6652										
660.0	0.6167										
665.0	0.5545										
670.0	0.5068										
675.0	0.4788										

Product Type:AR111F
Instrument:PMS-80 System
Temperature:19.1deg
Test Operator:LET

Manufacturer:EVERFINE
Test Department:
Humidity:65.0%
Test Date:2013-01-15 08:59