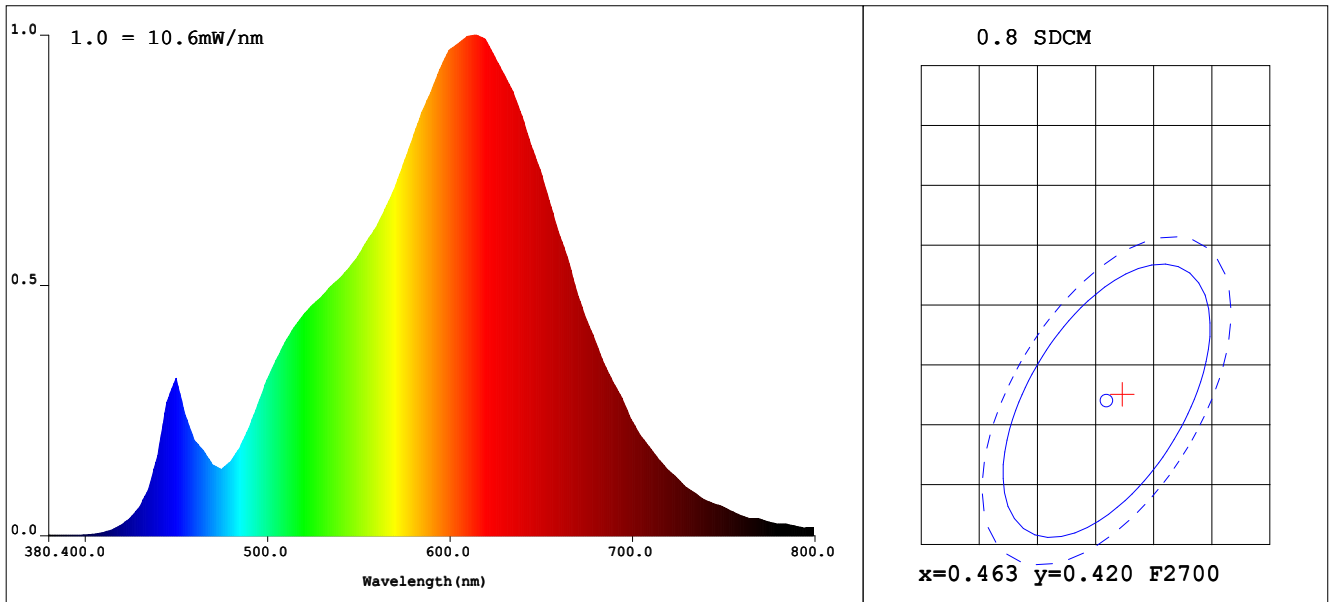


### Light Source Test Report



**CIE Color Parameters:**

Chromaticity Coordinate:  $x=0.4644$   $y=0.4205$   $u'=0.2610$   $v'=0.5317$  ( $duv=3.23e-03$ )  
 CCT:  $T_c=2714K$  Prcp WaveL:  $c\lambda=583.1nm$  Purity=65.6%  
 Peak WaveL:  $\lambda_p=615nm$  Half Width:  $\Delta\lambda:133.5nm$  Ratio: R=25.5% G=72.4% B=2.1%  
 Average Wave: 601nm PB=1.2566 PG=3.1050 PR=5.8844 PT=150.2949  
 Rendering Index: Ra=87.6 Ra'=83.5  
 R1 =86 R2 =93 R3 =99 R4 =88 R5 =86 R6 =93 R7 =88 R8 =68  
 R9 =29 R10=84 R11=89 R12=79 R13=88 R14=99 R15=79

**Photo Parameters:**

Flux:  $\Phi=258.25(lm)$  Luminous Efficacy: 222.62(lm/W) Luminous Power: P=1.594(W)

**Electrical Parameters:**

U=230.3V I=0.01195A P=1.16W PF=0.4055

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm Ip = 21198(G=5,D=49)  
 REF = 46705 TMP(PMT) = 33.8degrees centigrad Test Mode: Fast Test

Product Type:4w 2700k  
 Instrument:PMS-80 System  
 Temperature:150.0deg  
 Test Operator:Damin

Manufacturer:EVERFINE  
 Test Department:Everfine  
 Humidity:65.0%  
 Test Date:2021-07-23 13:30

Relative Spectrum Data:

nm	P	nm	P	nm	P	nm	P	nm	P	nm	P
380.0	0.0013	680.0	0.3925								
385.0	0.0010	685.0	0.3440								
390.0	0.0007	690.0	0.3075								
395.0	0.0008	695.0	0.2749								
400.0	0.0015	700.0	0.2324								
405.0	0.0029	705.0	0.2007								
410.0	0.0062	710.0	0.1772								
415.0	0.0116	715.0	0.1534								
420.0	0.0214	720.0	0.1321								
425.0	0.0353	725.0	0.1160								
430.0	0.0572	730.0	0.0972								
435.0	0.0933	735.0	0.0852								
440.0	0.1600	740.0	0.0719								
445.0	0.2665	745.0	0.0644								
450.0	0.3143	750.0	0.0583								
455.0	0.2409	755.0	0.0491								
460.0	0.1908	760.0	0.0408								
465.0	0.1699	765.0	0.0343								
470.0	0.1415	770.0	0.0342								
475.0	0.1320	775.0	0.0279								
480.0	0.1477	780.0	0.0237								
485.0	0.1751	785.0	0.0232								
490.0	0.2139	790.0	0.0194								
495.0	0.2611	795.0	0.0152								
500.0	0.3113	800.0	0.0159								
505.0	0.3498										
510.0	0.3864										
515.0	0.4162										
520.0	0.4406										
525.0	0.4607										
530.0	0.4769										
535.0	0.4978										
540.0	0.5138										
545.0	0.5341										
550.0	0.5578										
555.0	0.5887										
560.0	0.6154										
565.0	0.6525										
570.0	0.6921										
575.0	0.7419										
580.0	0.7925										
585.0	0.8447										
590.0	0.8852										
595.0	0.9310										
600.0	0.9697										
605.0	0.9825										
610.0	0.9968										
615.0	1.0000										
620.0	0.9915										
625.0	0.9568										
630.0	0.9228										
635.0	0.8874										
640.0	0.8385										
645.0	0.7804										
650.0	0.7310										
655.0	0.6696										
660.0	0.6073										
665.0	0.5566										
670.0	0.4888										
675.0	0.4355										

Product Type:4w 2700k  
Instrument:PMS-80 System  
Temperature:150.0deg  
Test Operator:Damin

Manufacturer:EVERFINE  
Test Department:Everfine  
Humidity:65.0%  
Test Date:2021-07-23 13:30