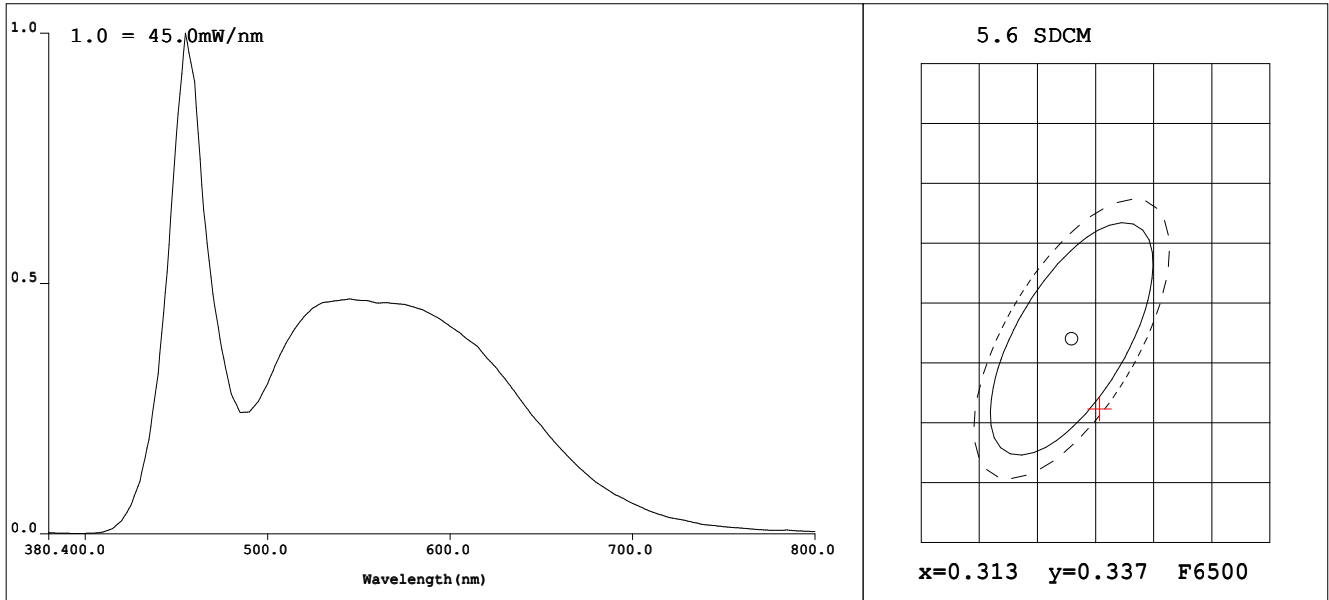


### Light Source Test Report



**CIE Color Parameters:**

Chromaticity Coordinate:  $x=0.3154$   $y=0.3311$ / $u=0.1989$   $v=0.3132$  ( $duv=2.94e-003$ )

CCT:  $T_c=6347K$  Prcp WaveL:  $c\lambda=490.1nm$  Purity=6.2%

Peak WaveL:  $\lambda=455nm$  Half Width:  $\Delta\lambda=24.9nm$  Ratio: R=14.1% G=80.0% B=5.9%

Average Wave: 542nm

Rendering Index: Ra=86.0

R1 =85 R2 =91 R3 =93 R4 =84 R5 =84 R6 =86 R7 =90 R8 =75  
 R9 =27 R10=77 R11=83 R12=57 R13=88 R14=96 R15=82

**Photo Parameters:**

Flux:  $\Phi=1386.5(lm)$  Luminous Efficacy: 71.85(lm/W) Luminous Power: P=4.563(W)

**Electrical Parameters:**

U=220.2V I=0.0913A P=19.29W PF=0.960

**Instrument Status:**

Scan Range: 380.0nm-800.0nm Interval: 5.0nm  $I_p = 32835(G=5, D=50)$   
 REF = 104 TMP (PMT) = 27.7degrees centigrade Test Mode: Fast Test

Product Type: HR-CLA24R18D24  
 Instrument: PMS-50 System  
 Temperature: 26.3deg  
 Test Operator: QC

Manufacturer:  
 Test Department: xx  
 Humidity: 65.0%  
 Test Date: 2021-01-26 20:29

## Relative Spectrum Data:

nm	P	nm	P	nm	P	nm	P	nm	P	nm	P
380.0	0.0018	680.0	0.1028								
385.0	0.0010	685.0	0.0912								
390.0	0.0007	690.0	0.0791								
395.0	0.0005	695.0	0.0704								
400.0	0.0006	700.0	0.0604								
405.0	0.0010	705.0	0.0525								
410.0	0.0032	710.0	0.0444								
415.0	0.0097	715.0	0.0383								
420.0	0.0256	720.0	0.0324								
425.0	0.0554	725.0	0.0291								
430.0	0.1046	730.0	0.0256								
435.0	0.1874	735.0	0.0212								
440.0	0.3194	740.0	0.0176								
445.0	0.5224	745.0	0.0160								
450.0	0.7976	750.0	0.0139								
455.0	1.0000	755.0	0.0123								
460.0	0.9020	760.0	0.0110								
465.0	0.6464	765.0	0.0092								
470.0	0.4786	770.0	0.0079								
475.0	0.3670	775.0	0.0069								
480.0	0.2796	780.0	0.0066								
485.0	0.2420	785.0	0.0071								
490.0	0.2430	790.0	0.0056								
495.0	0.2643	795.0	0.0049								
500.0	0.2997	800.0	0.0040								
505.0	0.3425										
510.0	0.3801										
515.0	0.4095										
520.0	0.4338										
525.0	0.4511										
530.0	0.4614										
535.0	0.4639										
540.0	0.4663										
545.0	0.4690										
550.0	0.4662										
555.0	0.4654										
560.0	0.4604										
565.0	0.4615										
570.0	0.4596										
575.0	0.4579										
580.0	0.4530										
585.0	0.4471										
590.0	0.4377										
595.0	0.4277										
600.0	0.4143										
605.0	0.4023										
610.0	0.3869										
615.0	0.3743										
620.0	0.3516										
625.0	0.3326										
630.0	0.3098										
635.0	0.2861										
640.0	0.2609										
645.0	0.2365										
650.0	0.2156										
655.0	0.1928										
660.0	0.1723										
665.0	0.1531										
670.0	0.1348										
675.0	0.1184										

Product Type:HR-CLA24R18D24  
Instrument:PMS-50 System  
Temperature:26.3deg  
Test Operator:QC

Manufacturer:  
Test Department:xx  
Humidity:65.0%  
Test Date:2021-01-26 20:29