



## Lightsource Test Report

### Product Infomation

Product Number: 26

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3152$   $y=0.3316$   $u(u')=0.1986$   $v=0.3134$   $v'=0.4701$

CCT:  $T_c=6354K$  ( $duv=0.00329$ )

Color Ratio:  $R=0.134$   $G=0.814$   $B=0.052$

Peak Wavelength: 448.0nm

Half Bandwidth: 33.1nm

Dominant Wavelength: 490.5nm

Color Purity: 0.062

Central Wave: 452.3nm

Gravity Wave: 450.9nm

CRI:  $R_a=80.7$

TM30:  $R_f=82$ ,  $R_g=94$

GAI:  $GAI\_BB\_8=88.6$ ,  $GAI\_BB\_15=93.4$ ,  $GAI\_EES=84.4$

$R1=78$

$R2=86$

$R3=91$

$R4=80$

$R5=79$

$R6=81$

$R7=86$

$R8=64$

$R9=-9$

$R10=66$

$R11=79$

$R12=60$

$R13=80$

$R14=95$

$R15=72$

Color Quality Scale:  $Q_a=79.5$ ,  $Q_f=79.7$ ,  $Q_p=79.5$ ,  $Q_g=90.2$

$Q1=82$

$Q2=98$

$Q3=78$

$Q4=72$

$Q5=78$

$Q6=80$

$Q7=84$

$Q8=89$

$Q9=96$

$Q10=85$

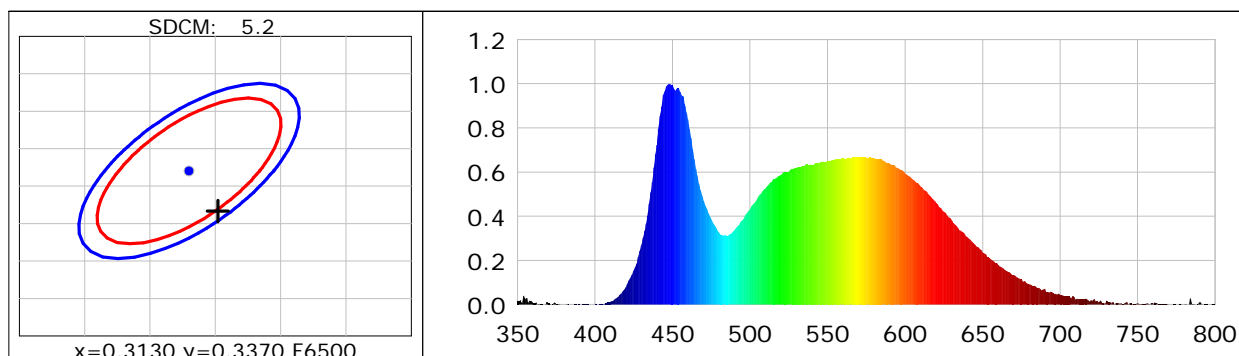
$Q11=80$

$Q12=79$

$Q13=79$

$Q14=66$

$Q15=72$



### Photometric Parameters

Luminous Flux: 7682.5 lm

Efficiency: 98.76 lm/W

Radiant Power: 22.702 W

Total mains efficacy: 98.76 lm/W Energy Efficiency Class: F (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 219.33V

Current: 0.3611A

Power: 77.79W

Power Factor: 0.9823

Frequency: 49.99Hz

DF: 0.9916

### Test Infomation

Scan Range: 350~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min ALC.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4T

Max of Signal: 44212 (5041)

CCD Integration Time: 361.16 ms

Condition: Tx: 35.8°C, Ti: 33.9°C, R.H.: 60%

Test Device: CMS-3500S

Test Lab:

Test Time: 2024-08-27 20:21:08

Operator:

Inspector: