



## Lightsource Test Report

### Product Infomation

Product Number: 204

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3451$   $y=0.3605$   $u(u')=0.2080$   $v=0.3259$   $v'=0.4889$

CCT:  $T_c=5032K$  ( $duv=0.00441$ )

Color Ratio:  $R=0.151$   $G=0.805$   $B=0.044$

Peak Wavelength: 450.8nm

Half Bandwidth: 16.5nm

Dominant Wavelength: 568.5nm

Color Purity: 0.117

Central Wave: 451.7nm

Gravity Wave: 451.4nm

CRI:  $R_a=80.7$

TM30:  $R_f=82$ ,  $R_g=95$

GAI:  $GAI\_BB\_8=89.4$ ,  $GAI\_BB\_15=95.6$ ,  $GAI\_EES=78.8$

$R1=78$

$R2=87$

$R3=93$

$R4=80$

$R5=79$

$R6=82$

$R7=85$

$R8=62$

$R9=-8$

$R10=69$

$R11=79$

$R12=57$

$R13=80$

$R14=96$

$R15=72$

Color Quality Scale:  $Q_a=79.7$ ,  $Q_f=79.9$ ,  $Q_p=79.5$ ,  $Q_g=90.8$

$Q1=80$

$Q2=98$

$Q3=76$

$Q4=72$

$Q5=78$

$Q6=81$

$Q7=84$

$Q8=88$

$Q9=97$

$Q10=86$

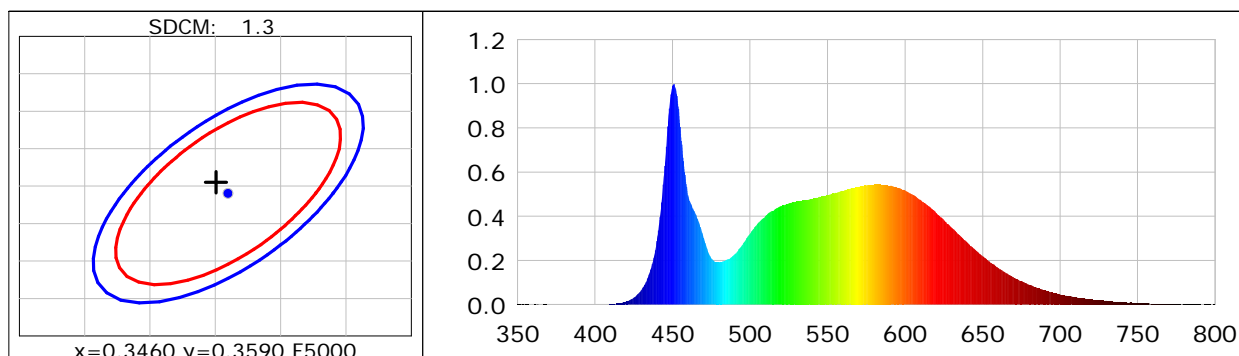
$Q11=82$

$Q12=80$

$Q13=80$

$Q14=67$

$Q15=72$



### Photometric Parameters

Luminous Flux: 62132 lm

Efficiency: 157.38 lm/W

Radiant Power: 274.461 W

Total mains efficacy: 157.38 lm/W Energy Efficiency Class: A (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 219.61V

Current: 1.7999A

Power: 394.79W

Power Factor: 0.9988

Frequency: 49.99Hz

DF: 1.0000

### Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 46526 (1973)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4 $\pi$

CCD Integration Time: 11.09 ms

Condition: Tx: 15.0°C, Ti: 13.4°C, R.H.: 60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2025-01-13 13:10:54

Inspector: