



## Lightsource Test Report

### Product Infomation

Product Number: 360

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3030$   $y=0.3228$   $u(u')=0.1934$   $v=0.3090$   $v'=0.4635$

CCT:  $T_c=6730K$  ( $duv=0.00507$ )

Color Ratio:  $R=0.128$   $G=0.822$   $B=0.049$

Peak Wavelength: 444.2nm

Half Bandwidth: 19.1nm

Dominant Wavelength: 487.2nm

Color Purity: 0.110

Central Wave: 445.0nm

Gravity Wave: 444.6nm

CRI:  $R_a=80.2$

TM30:  $R_f=81$ ,  $R_g=98$

GAI:  $GAI\_BB\_8=91.4$ ,  $GAI\_BB\_15=94.7$ ,  $GAI\_EES=89.8$

$R1=79$

$R2=82$

$R3=85$

$R4=82$

$R5=81$

$R6=78$

$R7=85$

$R8=71$

$R9=3$

$R10=58$

$R11=83$

$R12=62$

$R13=79$

$R14=92$

$R15=73$

Color Quality Scale:  $Q_a=81.8$ ,  $Q_f=81.2$ ,  $Q_p=83.6$ ,  $Q_g=93.4$

$Q1=85$

$Q2=95$

$Q3=77$

$Q4=77$

$Q5=83$

$Q6=84$

$Q7=86$

$Q8=92$

$Q9=94$

$Q10=82$

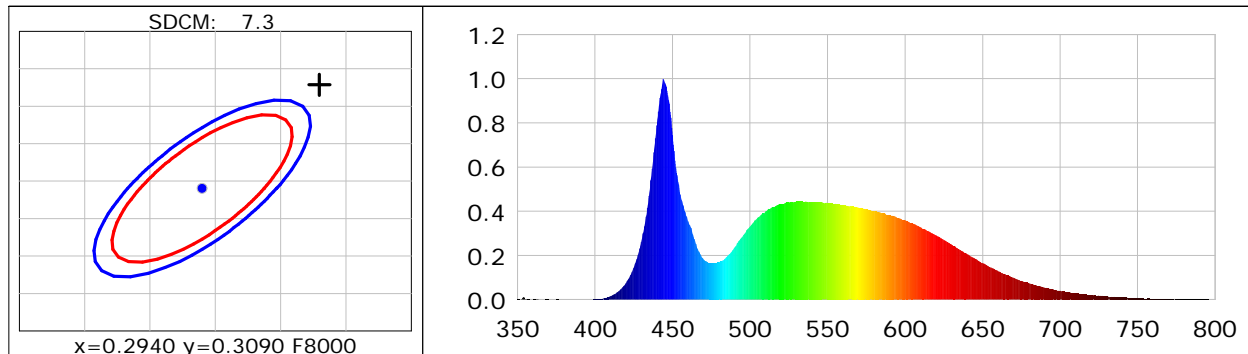
$Q11=81$

$Q12=81$

$Q13=82$

$Q14=70$

$Q15=76$



### Photometric Parameters

Luminous Flux: 52374 lm

Efficiency: 128.72 lm/W

Radiant Power: 208.574 W

Total mains efficacy: 128.72 lm/W Energy Efficiency Class: D (EU 2019/2015)

Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 219.44V

Current: 1.8641A

Power: 406.88W

Power Factor: 0.9947

Frequency: 49.99Hz

DF: 0.9964

### Test Infomation

Scan Range: 350~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 43924 (3273)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 11.67 ms

Condition: Tx: 30.3°C, Ti: 28.2°C, R.H.: 60%

Test Lab:

Operator:

Test Device: CMS-3500S

Test Time: 2025-08-16 12:17:14

Inspector: