

## Lightsource Test Report

### Product Information

Product Number: 78

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3483$   $y=0.3949$   $u(u')=0.1978$   $v=0.3365$   $v'=0.5047$

CCT:  $T_c=5022K$  ( $duv=0.01905$ )

Color Ratio:  $R=0.120$   $G=0.862$   $B=0.018$

Peak Wavelength: 443.0nm

Half Bandwidth: 22.6nm

Dominant Wavelength: 563.5nm

Color Purity: 0.231

CRI:  $R_a=62.1$

TM30:  $R_f=64$ ,  $R_g=89$

$R_1=59$   $R_2=61$   $R_3=65$   $R_4=68$

$R_5=61$   $R_6=50$   $R_7=74$   $R_8=54$

$R_9=58$   $R_{10}=10$   $R_{11}=66$   $R_{12}=23$

$R_{13}=56$   $R_{14}=80$   $R_{15}=52$

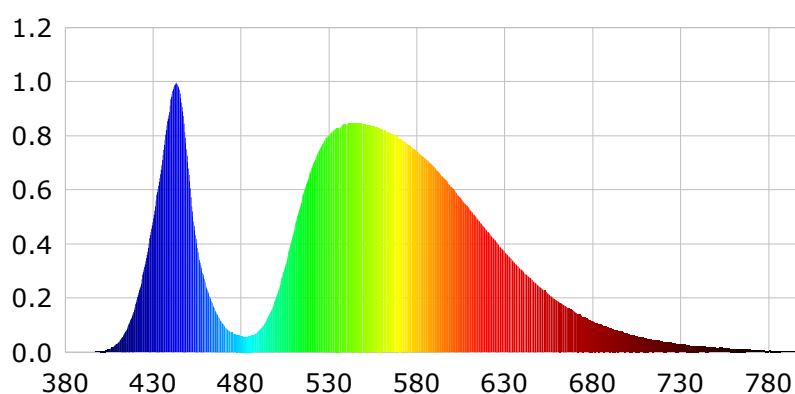
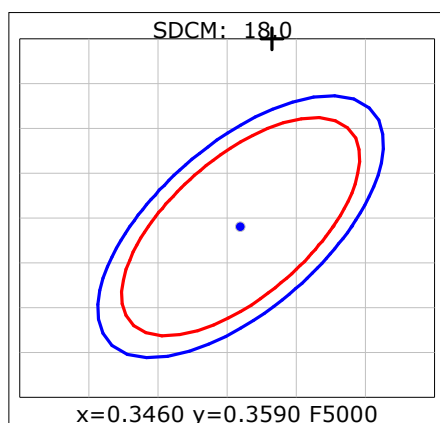
Color Quality Scale:  $Q_a=69.0$ ,  $Q_f=69.4$ ,  $Q_p=68.9$ ,  $Q_g=83.6$

$Q_1=74$   $Q_2=95$   $Q_3=67$   $Q_4=62$

$Q_5=67$   $Q_6=66$   $Q_7=70$   $Q_8=83$

$Q_9=90$   $Q_{10}=72$   $Q_{11}=68$   $Q_{12}=69$

$Q_{13}=70$   $Q_{14}=51$   $Q_{15}=60$



### Photometric Parameters

Luminous Flux: 4109.25 lm  
EEI: 0.13

Efficiency: 106.05 lm/W

Radiant Power: 11.232 W

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 25.833V  
Power Factor: 1.0000

Current: 1.5000A  
Frequency: 0.00Hz

Power: 38.75W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 ms  
Max of Signal: 43195 (4151)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4π  
CCD Integration Time: 38.79 ms