

Lightsource Test Report (1/2)

Product Information

Product Category: **SL1-3D (White beam)**

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3227$ $y=0.3517$ $u(u')=0.1963$ $v=0.3210$ $v'=0.4814$

CCT: Tc=**5916K** (duv=0.00973)

Color Ratio: R=0.122 G=0.840 B=0.039

Peak Wavelength: 451.5nm

Half Bandwidth: 24.1nm

Dominant Wavelength: 516.9nm

Color Purity: 0.038

CRI: Ra= 71.6

TM30: Rf= 74, Rg= 91

R1 =67

R2 =76

R3 =82

R4 =71

R5 =68

R6 =68

R7 =83

R8 =57

R9 =-38

R10=43

R11=66

R12=40

R13=69

R14=90

R15=62

Color Quality Scale: Qa= 72.1, Qf= 72.1, Qp= 72.6, Qg= 86.6

Q1 =79

Q2 =96

Q3 =68

Q4 =60

Q5 =68

Q6 =70

Q7 =75

Q8 =84

Q9 =93

Q10=77

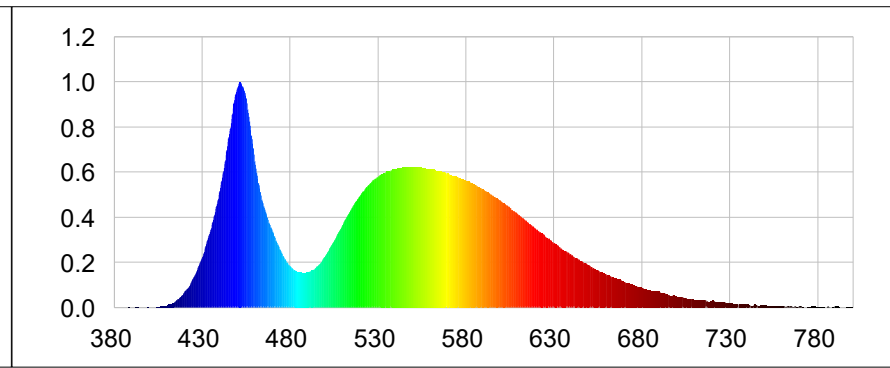
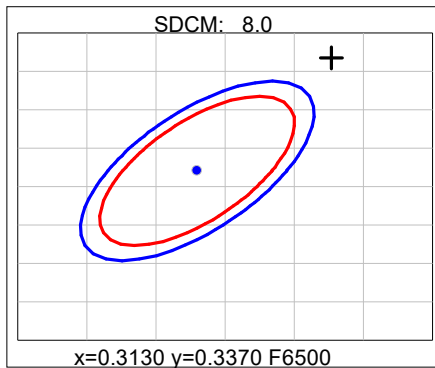
Q11=72

Q12=73

Q13=73

Q14=57

Q15=66



Photometric Parameters

Effective Luminous Flux: 2892.58 lm

Efficiency: 106.54 lm/W

Radiant Power: 8.633 W

EEL: 0.00

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

Electric Parameters

Voltage: 13.5V

Current: 2.01A

Power: 27.15W

Power Factor:

Frequency:

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 46989 (2568)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4°

CCD Integration Time: 200.00 ms

Lightsource Test Report (2/2)

Product Information

Product Category: **SL1-3D (Yellow beam)**

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5311$ $y=0.4381$ $u(u')=0.2952$ $v=0.3653$ $v'=0.5480$

CCT: $T_c=2116K$ ($duv=0.00725$)

Color Ratio: $R=0.281$ $G=0.715$ $B=0.004$

Peak Wavelength: 602.0nm

Half Bandwidth: 92.2nm

Dominant Wavelength: 605.6nm

Color Purity: 0.909

CRI: $R_a=61.4$

TM30: $R_f=71$, $R_g=79$

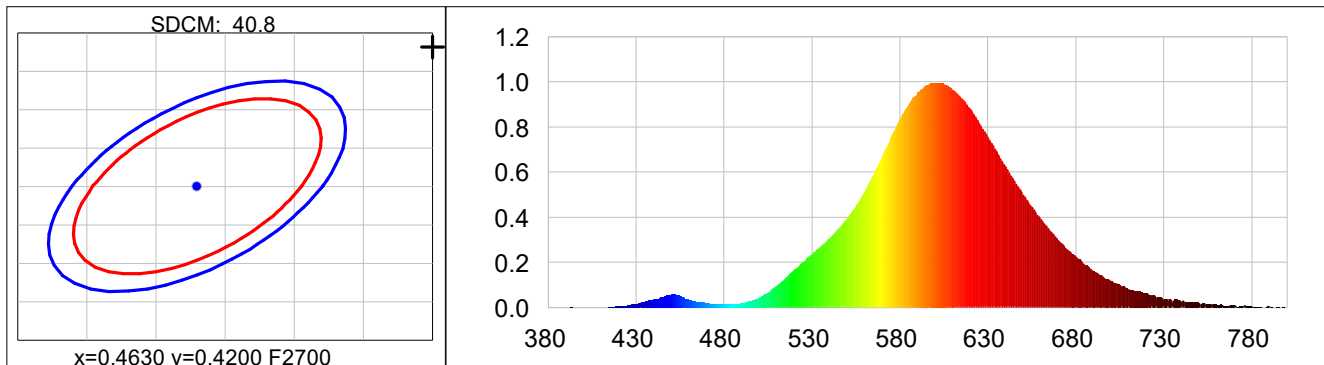
R1 =55 R2 =76 R3 =97 R4 =51 R5 =51 R6 =67 R7 =70 R8 =24

R9 =60 R10=49 R11=39 R12=30 R13=57 R14=98 R15=46

Color Quality Scale: $Q_a=49.9$, $Q_f=57.7$, $Q_p=45.5$, $Q_g=56.2$

Q1 =60 Q2 =84 Q3 =70 Q4 =59 Q5 =57 Q6 =56 Q7 =60 Q8 =70

Q9 =55 Q10=36 Q11=27 Q12=35 Q13=44 Q14=33 Q15=49



Photometric Parameters

Effictive Luminous Flux: 2420.49 lm

Efficiency: 89.48 lm/W

Radiant Power: 6.825 W

EEL: 0.00

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

Electric Parameters

Voltage: 13.50V

Current: 2.003A

Power: 27.05W

Power Factor:

Frequency:

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 45257 (2723)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4°

CCD Integration Time: 294.69 ms