

Lightsource Test Report

Product Information

Product Number: 211

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4408$ $y=0.4014$ $u(u')=0.2542$ $v=0.3473$ $v'=0.5209$ CCT: $T_c=2914K$ ($duv=-0.00158$)Color Ratio: $R=0.236$ $G=0.739$ $B=0.025$

Peak Wavelength: 606.6nm

Half Bandwidth: 117.7nm

Dominant Wavelength: 583.8nm

Color Purity: 0.528

Central Wave: 596.9nm

Gravity Wave: 600.2nm

CRI: $R_a=82.4$ TM30: $R_f=84$, $R_g=97$ GAI: $GAI_BB_8=98.2$, $GAI_BB_15=104.2$, $GAI_EES=54.0$

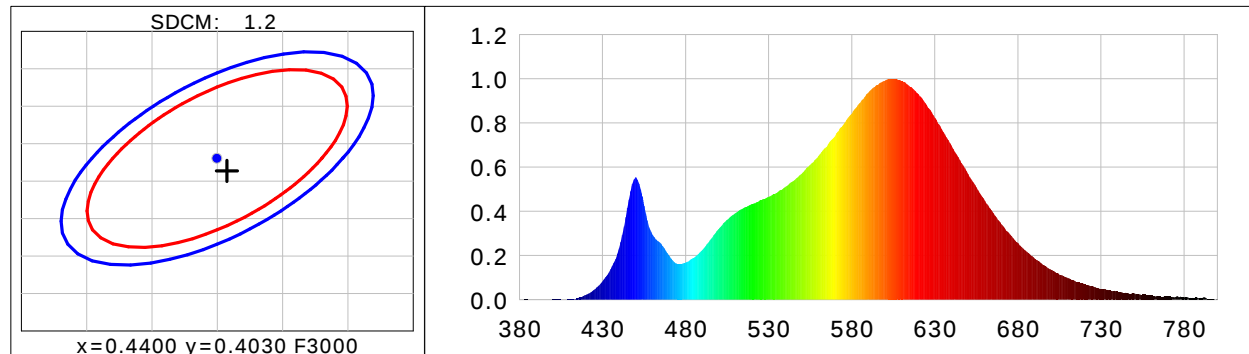
$R1=81$	$R2=91$	$R3=96$	$R4=81$	$R5=82$	$R6=91$	$R7=80$	$R8=57$
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$R9=5$	$R10=81$	$R11=81$	$R12=76$	$R13=83$	$R14=98$	$R15=73$	
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Color Quality Scale: $Q_a=82.1$, $Q_f=83.5$, $Q_p=84.3$, $Q_g=92.3$

$Q1=77$	$Q2=95$	$Q3=83$	$Q4=81$	$Q5=84$	$Q6=84$	$Q7=83$	$Q8=85$
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$Q9=95$	$Q10=89$	$Q11=86$	$Q12=83$	$Q13=82$	$Q14=71$	$Q15=73$	
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Photometric Parameters

Luminous Flux: 3238.6 lm

Efficiency: 94.06 lm/W

Radiant Power: 9.830 W

Total mains efficacy: 110.62 lm/W Energy Efficiency Class: E (EU 2019/2015)

Auxiliary lamp correction factor: 1.37

Electric Parameters

Voltage: 230.60V

Current: 0.1520A

Power: 34.43W

Power Factor: 0.9840

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms ALC.: 1.3700

Max of Signal: 45149 (2789)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 2 π

CCD Integration Time: 341.35 ms

Condition: $T_x=23.6^\circ C$, $T_i=21.8^\circ C$, R.H.:60%
Test Lab:
Operator:Test Device: CMS-2S (Plus)
Test Time: 2023-12-07 08:31:43
Inspector: