

Lightsource Test Report

Product Information

Product Type: NOVA-Recessed-White 20W-500mA-24[Product Number: 5

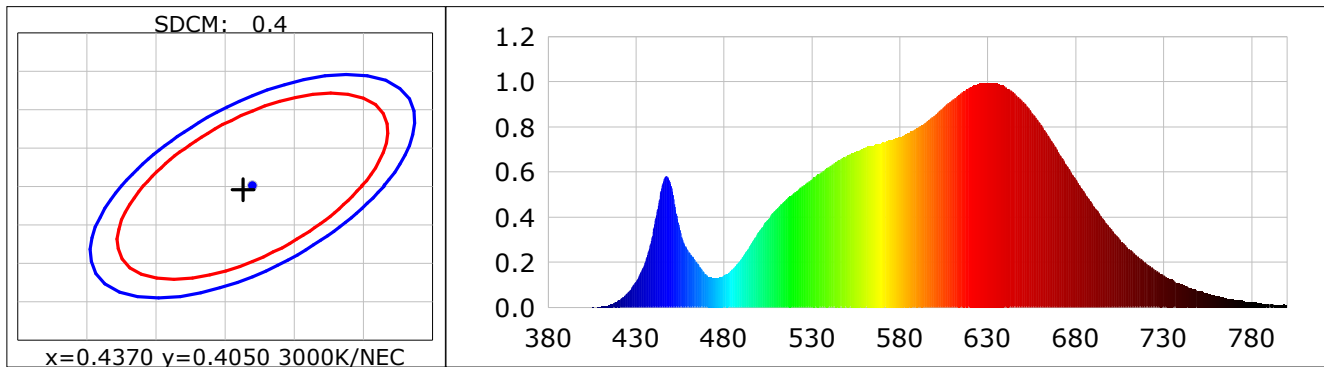
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4363$ $y=0.4046$ $u(u')=0.2500$ $v=0.3477$ $v'=0.5215$
 CCT: $T_c=3015K$ ($duv=0.00028$) Color Ratio: $R=0.241$ $G=0.736$ $B=0.023$
 Peak Wavelength: 628.0nm Half Bandwidth: 167.7nm
 Dominant Wavelength: 582.7nm Color Purity: 0.524
 Central Wave: 602.1nm Gravity Wave: 610.7nm
 CRI: $R_a=91.7$, $avgR(1\sim14)=88.8$, $avgR(1\sim15)=89.0$ TM30: $R_f=90$, $R_g=103$
 GAI: $GAI_BB_8=101.8$, $GAI_BB_15=104.5$, $GAI_EES=58.9$

R1 =93	R2 =93	R3 =90	R4 =93	R5 =92	R6 =90	R7 =94	R8 =89
R9 =72	R10=82	R11=93	R12=76	R13=93	R14=94	R15=92	

Color Quality Scale: $Q_a=89.7$, $Q_f=90.1$, $Q_p=93.4$, $Q_g=100.0$

Q1 =89	Q2 =97	Q3 =85	Q4 =87	Q5 =89	Q6 =86	Q7 =86	Q8 =93
Q9 =95	Q10=91	Q11=92	Q12=93	Q13=94	Q14=90	Q15=90	



Photometric Parameters

Luminous Flux: 1441.2 lm Efficiency: 67.82 lm/W Radiant Power: 5.073 W
 Total mains efficacy: 67.82 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 221.20V Current: 0.1000A Power: 21.25W
 Power Factor: 0.9610 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 44907 (3476) CCD Integration Time: 181.82 ms