

Lightsource Test Report

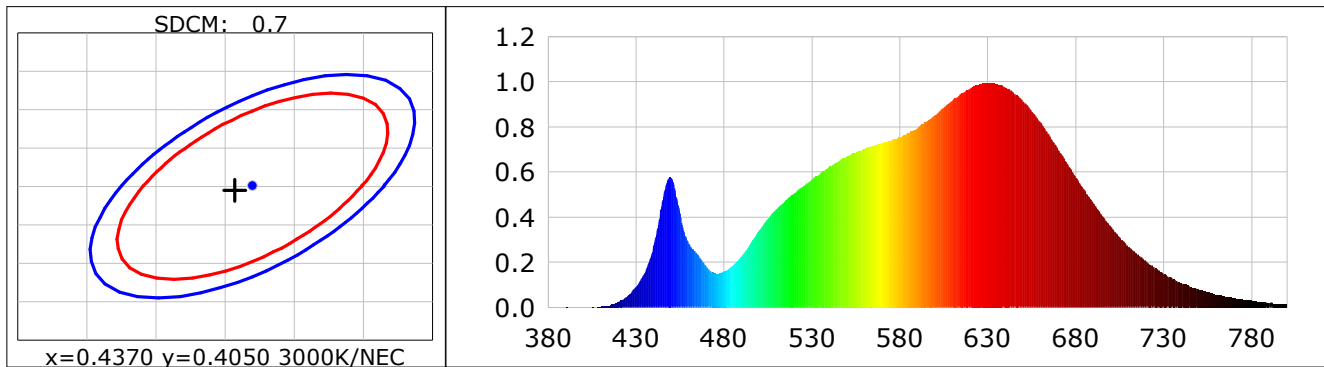
Product Information

Product Type: NOVA-track-20W-500mA-24D White Product Number: 14

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4357$ $y=0.4045$ $u(u')=0.2496$ $v=0.3476$ $v'=0.5214$
 CCT: $T_c=3024K$ ($duv=0.00032$) Color Ratio: $R=0.241$ $G=0.734$ $B=0.024$
 Peak Wavelength: 632.0nm Half Bandwidth: 168.2nm
 Dominant Wavelength: 582.6nm Color Purity: 0.522
 Central Wave: 602.7nm Gravity Wave: 612.5nm
 CRI: $R_a=92.6$, $avgR(1\sim14)=89.8$, $avgR(1\sim15)=89.9$ TM30: $R_f=91$, $R_g=102$
 GAI: $GAI_BB_8=101.0$, $GAI_BB_15=105.0$, $GAI_EES=58.6$

R1 =94	R2 =94	R3 =91	R4 =94	R5 =93	R6 =91	R7 =95	R8 =90
R9 =74	R10=84	R11=94	R12=76	R13=94	R14=94	R15=92	
Color Quality Scale: $Q_a=90.7$, $Q_f=91.3$, $Q_p=93.9$, $Q_g=99.4$							
Q1 =91	Q2 =97	Q3 =86	Q4 =88	Q5 =90	Q6 =88	Q7 =88	Q8 =93
Q9 =95	Q10=92	Q11=92	Q12=93	Q13=94	Q14=91	Q15=91	



Photometric Parameters

Luminous Flux: 1483.4 lm Efficiency: 76.78 lm/W Radiant Power: 5.256 W
 Total mains efficacy: 76.78 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 220.50V Current: 0.0900A Power: 19.32W
 Power Factor: 0.9690 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: 53315 (3496) CCD Integration Time: 209.94 ms