Lightsource Test Report

Product Infomation

Product Type: Luna-Ceiling-30W White Product Number: 16

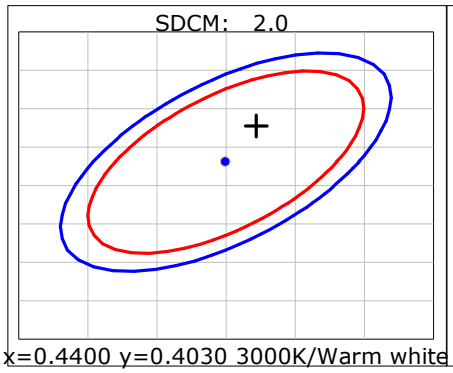
CIE Colorimetric Parameters

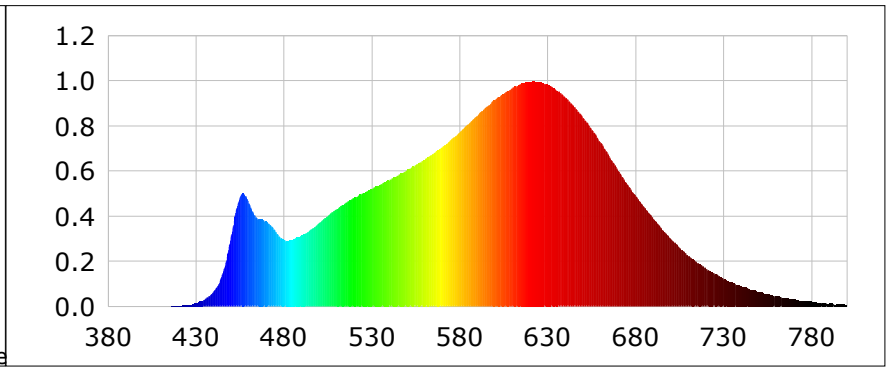
Chromaticity coordinates: x=0.4422 y=0.4077 u(u')=0.2524 v=0.3491 v'=0.5236
CCT: Tc=2943K (duv=0.00075) Color Ratio: R=0.248 G=0.720 B=0.032
Peak Wavelength: 621.3nm Half Bandwidth: 155.7nm
Dominant Wavelength: 582.8nm Color Purity: 0.551
Central Wave: 601.4nm Gravity Wave: 607.9nm
CRI: Ra= 93.1, avgR(1~14)= 90.9, avgR(1~15)= 90.9 TM30: Rf= 89, Rg= 95
GAI: GAI_BB_8=92.9, GAI_BB_15=101.1, GAI_EES=51.9

R1 =94	R2 =99	R3 =97	R4 =92	R5 =94	R6 =97	R7 =89	R8 =82
R9 =62	R10=97	R11=94	R12=80	R13=96	R14=99	R15=90	

Color Quality Scale: Qa= 91.0, Qf= 92.5, Qp= 92.2, Qg= 93.0

Q1 =86	Q2 =93	Q3 =93	Q4 =89	Q5 =88	Q6 =89	Q7 =92	Q8 =94
Q9 =94	Q10=95	Q11=96	Q12=95	Q13=94	Q14=88	Q15=88	





Photometric Parameters

Luminous Flux: 1557.0 lm Efficiency: 51.86 lm/W Radiant Power: 5.359 W
Total mains efficacy: 51.86 lm/W Energy Efficiency Class: G (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 221.10V Current: 0.1490A Power: 30.02W
Power Factor: 0.9100 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 45075 (3407) CCD Integration Time: 159.27 ms

Condition: Tx:31.1'C, Ti:30.4'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time: 2023-06-28 15:18:43
Operator: Inspector: