Lightsource Test Report

Product Infomation

Product Category: Product Spec: 40W 4000K
Product Number: 11

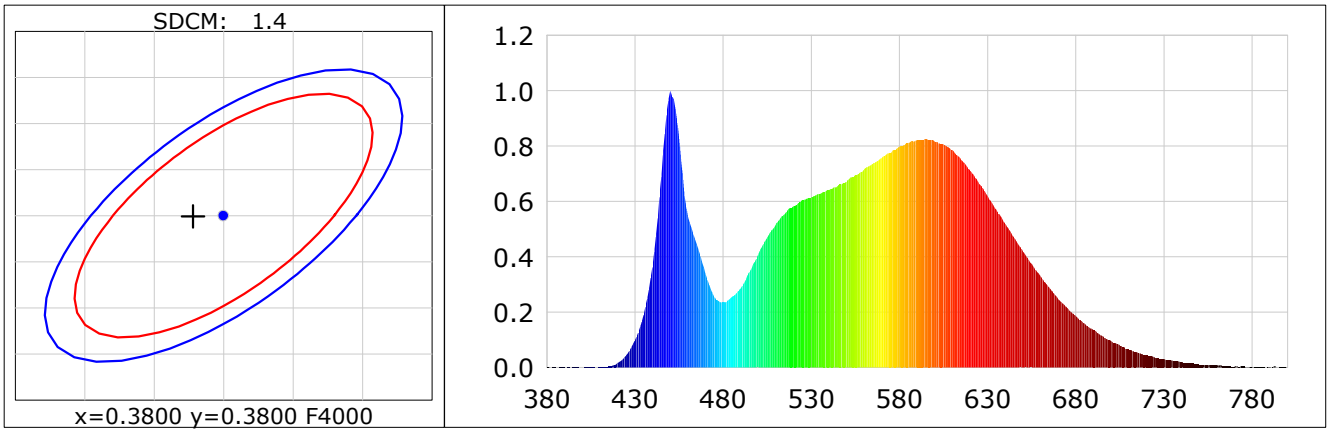
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3778 y=0.3799 u(u')=0.2221 v=0.3351 v'=0.5026
CCT: Tc=4095K (duv=0.00226) Color Ratio: R=0.179 G=0.785 B=0.036
Peak Wavelength: 450.1nm Half Bandwidth: 20.0nm
Dominant Wavelength: 577.5nm Color Purity: 0.274
CRI: Ra: Ra= 83.2

R1 =81	R2 =89	R3 =95	R4 =83	R5 =81	R6 =85	R7 =86	R8 =65
R9 =8	R10=74	R11=82	R12=60	R13=83	R14=97	R15=75	

Color Quality Scale: Qa= 83.3, Qf= 83.6, Qp= 82.8, Qg= 92.2

Q1 =82	Q2 =98	Q3 =80	Q4 =77	Q5 =82	Q6 =84	Q7 =86	Q8 =90
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=85	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 4269.95 lm Efficiency: 105.33 lm/W Radiant Power: 12.775 W
EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.60V Current: 0.1890A Power: 40.54W
Power Factor: 0.9780 Frequency: 50.00Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 45924 (3130) CCD Integration Time: 392.63 ms

Condition: Tx:24.0'C, Ti:22.4'C, R.H.:60% Test Device: Inventfine CMS-3000S
Test Lab: IDEUS Test Time: 2019-12-10 12:00:57
Operator: Inspector: