Light Source Test Report

Production Info

Product Category: D-YDT-15W-008-WW

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4310 y=0.3982 u(u')=0.2492 v=0.3455 v'=0.5182

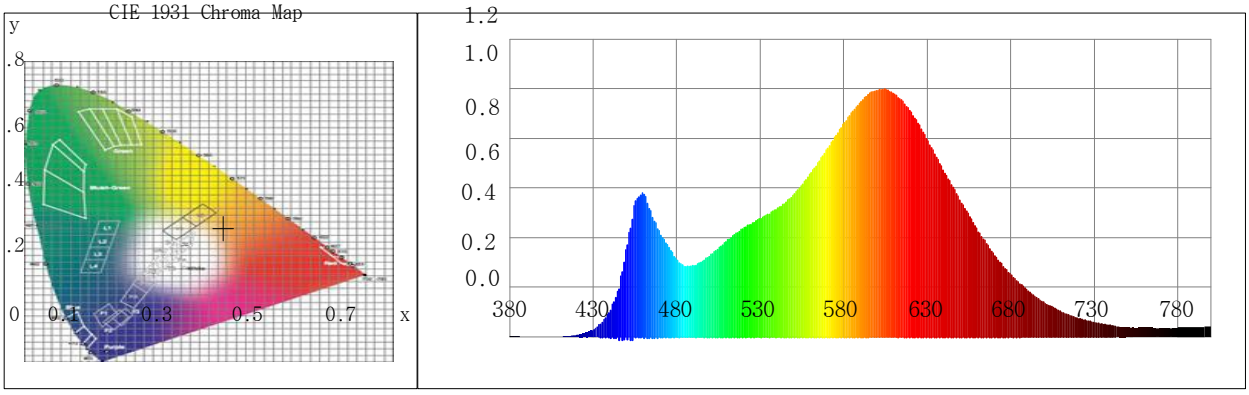
CCT: Tc=3055K (duv=-0.00151) Color Ratio: R=0.246 G=0.722 B=0.032

Peak Wavelength: 605nm Half Bandwidth: 118.7nm

Dominant Wavelength: 584.2nm Color Purity: 0.489

Rendering Index: Ra= 95.8

R1 =99	R2 =95	R3 =90	R4 =98	R5 =96	R6 =94	R7 =98	R8 =97
R9 =87	R10=89	R11=78	R12=74	R13=86	R14=95	R15=75	



Photometric Parameters

Luminous Flux: 1239.75 lm Efficiency: 81.02 lm/W

Radiant Power: 1.271 W

Electric Parameters

Voltage: U=223.20V Current: I=0.0680A Power: P=15.300W Power Factor: PF=0.4620

Test Info

Scan Range: 380nm~800nm Scan Interval: 5nm PMT HV: -550V

Max of Main: 422344 (0x04,2529) Reference : 516144 (0x02) Max of waviness: -0.015%

Temperature: Tx:0.0° C, Ti:28.1° C Humidity: 72° %

Test Device: Inventfine CMS-5000 Test Time: 2017-06-18 14:21

Operator: XL-Aken Inspector: