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Light Source Test Report

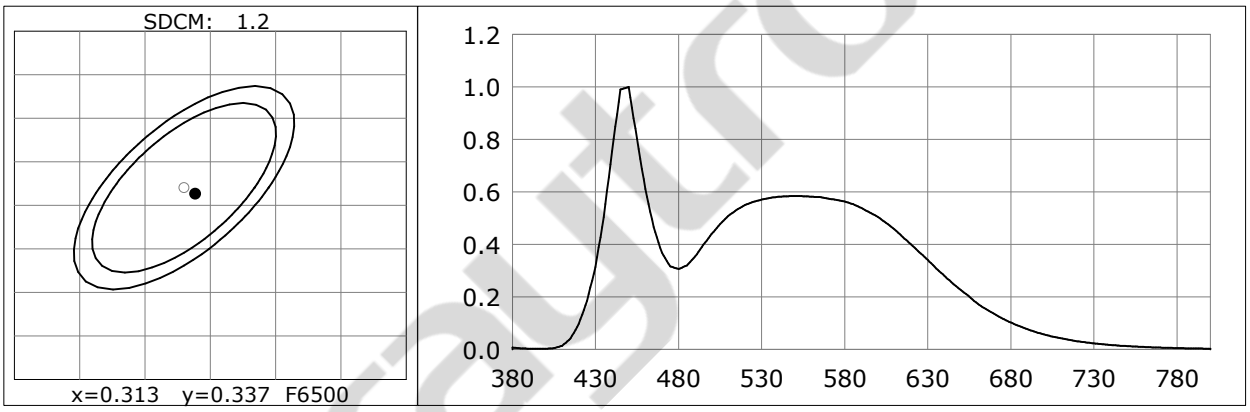
Production Info

Product Spec: BA13-0302X T100 30W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3139 y=0.3363 u(u')=0.1959 v=0.3149 v'=0.4723
CCT: Tc=6394K (duv=0.00631) Color Ratio: R=0.143 G=0.807 B=0.049
Peak Wavelength: 450nm Half Bandwidth: 29.0nm
Dominant Wavelength: 494.7nm Color Purity: 0.064
Rendering Index: Ra= 83.5

R1 =83	R2 =83	R3 =83	R4 =90	R5 =84	R6 =77	R7 =90	R8 =78
R9 =18	R10=59	R11=90	R12=56	R13=82	R14=90	R15=79	



Photometric Parameters

Luminous Flux: 2806.6 lm Efficiency: 98.48 lm/W
Radiant Power: 9.025 W

Electric Parameters

Voltage: U=220.20V Current: I=0.2300A Power: P=28.500W Power Factor: PF=0.5620

Test Info

Scan Range: 380nm~800nm	Scan Interval: 5nm	PMT HV: -550V
Max of Main: 1274240 (0x04,1277)	Reference : 323888 (0x01)	Max of waviness: -0.030%

Temperature: Tx:25.8°C, Ti:26.0°C Humidity: %
Test Device: Inventfine CMS-5000 Test Time: 2018-01-06 12:31
Operator: Inspector: