Light Source Test Report

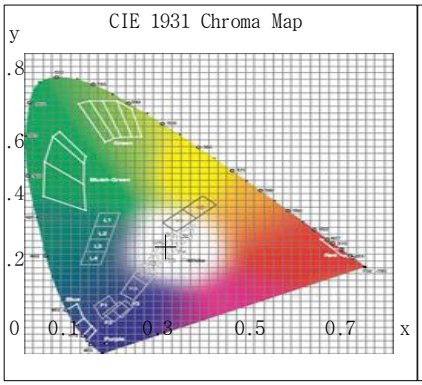
Production Info

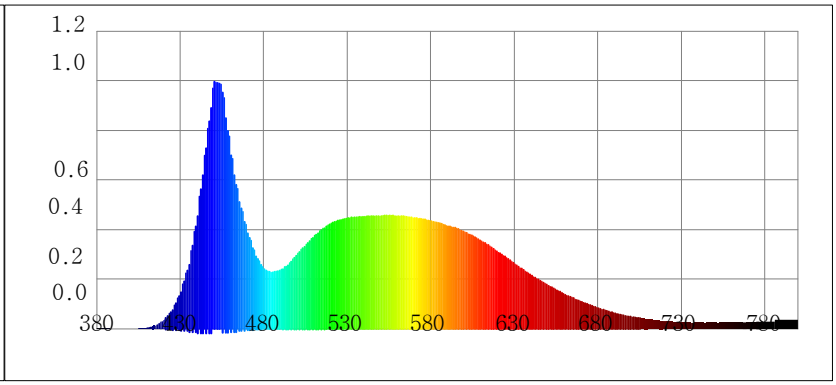
Product Category: DY-YDT-15W-008-CW

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3060 y=0.3209 u(u')=0.1963 v=0.3086 v'=0.4630
CCT: Tc=6812K (duv=0.00245) Color Ratio: R=0.143 G=0.802 B=0.054
Peak Wavelength: 450nm Half Bandwidth: 25.3nm
Dominant Wavelength: 486.7nm Color Purity: 0.102
Rendering Index: Ra= 94.3

R1 =98	R2 =96	R3 =93	R4 =91	R5 =94	R6 =98	R7 =93	R8 =92
R9 =31	R10=63	R11=89	R12=48	R13=86	R14=90	R15=85	





Photometric Parameters

Luminous Flux: 1413.75 lm Efficiency: 90.62 lm/W
Radiant Power: 1.399 W

Electric Parameters

Voltage: U=225.60V Current: I=0.0690A Power: P=15.600W Power Factor: PF=0.4800

Test Info

Scan Range: 380nm~800nm Scan Interval: 5nm PMT HV: -550V
Max of Main: 1107968 (0x04,2697) Reference : 529712 (0x02) Max of waviness: -0.066%

~~Temperature: Tx:0.0° C, Ti:28.2° C~~ ~~Humidity: 72° %~~
Test Device: Inventfine CMS-5000 Test Time: 2016-06-10 18:14
Operator: XL-Aken Inspector: