

LUMINII LED TEST REPORT

Product Mark

Product Type :SD-5-30K-SO-LV60-WH

Manufacturer :LUMINII

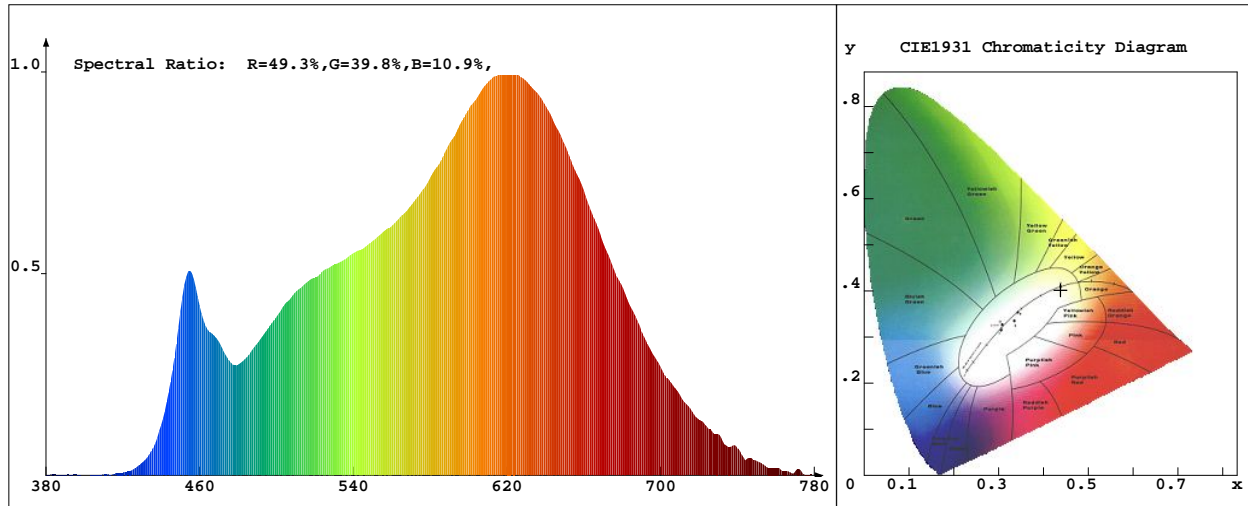
Temperature :23'C

Humidity :45%

Operator :HL

Test Date :2022-06-06 14:36:29

Remark:SD-5-30K-SO-LV60-WH



Chroma Parameters

Chro.Coor.:x=0.4385 y=0.4019 u=0.2525 v=0.3472 duv=-0.0011

CCT: 2956K Dominant Wave.:583.4nm Purity:52.2%

Flux RGB Ratio:R=24.4%,G=73.5%,B=2.1% Peak Wave:619.7nm Half Width:153.8nm

Rendering Index:Ra= 94.5

R1 =97 R2 =99 R3 =97 R4 =96 R5 =98 R6 =95 R7 =91 R8 =84

R9 =68 R10=99 R11=99 R12=85 R13=99 R14=99 R15=93

Fidelity Index(Rf)=90.6 Gamut Index(Rg)=97.6

Photo Parameters

Flux:246.10lm

Effi.:49.9lm/W

Radiant:821.8mW

Iv:0.0mcd

Efficiency:0.191

Effi Level:A (EU 874-2012)

Ele. Parameters

Voltage:U=24.00V

Current:I=0.2050A

Power:P=4.93W

Power Factor:PF=1.000

Instrument state

Instrument:Hopoo HP8000

Integral Time: 655.805ms

VPeak: 13223

VDark: 1368

Scan Range: 380-780nm

Product ID: 201707341

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IES TM-30-2015 Test Report

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Rf: 90.6 CCT(K): 2956 u': 0.2525
 Rg: 97.6 LER: 292.3 Duv: -0.0011 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.9	-4.0%	1.7%
2	93.7	-1.8%	1.4%
3	95.3	-0.9%	1.1%
4	91.2	-4.4%	-3.0%
5	93.9	-4.2%	-0.1%
6	95.3	-1.9%	0.9%
7	89.3	-5.1%	3.4%
8	94.3	-0.4%	3.3%
9	89.8	-0.0%	5.9%
10	88.3	2.1%	6.6%
11	90.1	4.4%	5.1%
12	88.9	5.0%	-3.3%
13	88.0	0.6%	-8.4%
14	86.0	1.5%	-10.1%
15	89.2	-4.3%	-1.5%
16	83.9	-3.1%	-10.4%

