

# LUMINII LED TEST REPORT

**Product Mark**

Product Type :SD-5-30K-SO-LV15-WH

Manufacturer :LUMINII

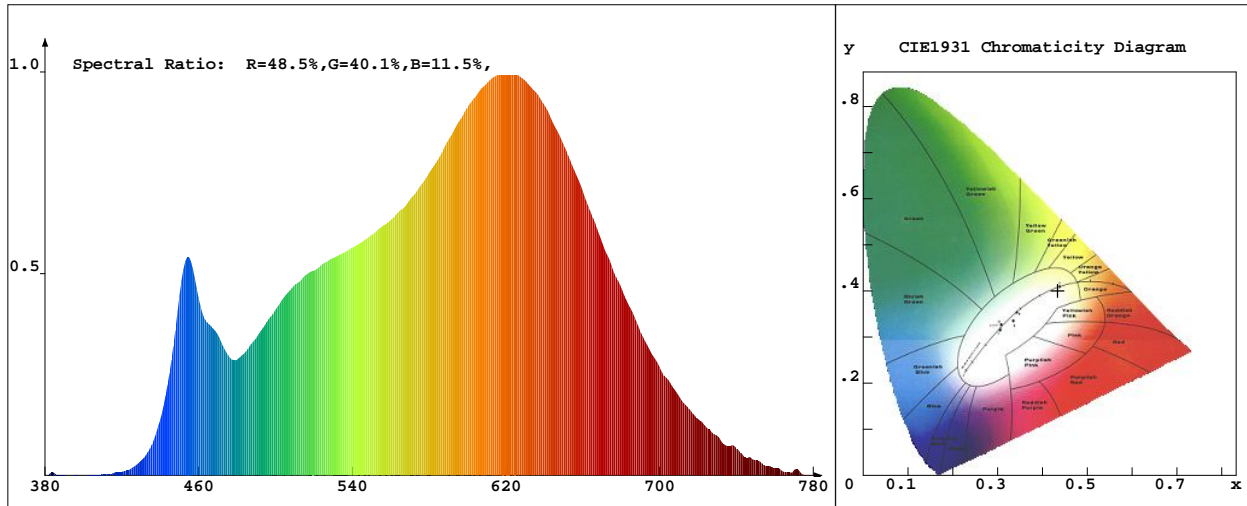
Temperature :23'C

Humidity :45%

Operator :HL

Test Date :2022-06-06 14:07:32

Remark:5 in white downlight with louver



**Chroma Parameters**

Chro.Coor.:x=0.4339 y=0.4003 u=0.2502 v=0.3463 duv=-0.0011

CCT: 3021K Dominant Wave.:583.1nm Purity:50.4%

Flux RGB Ratio:R=24.0%,G=73.8%,B=2.2% Peak Wave:619.7nm Half Width:159.6nm

**Rendering Index:Ra= 94.6**

R1 =97 R2 =99 R3 =97 R4 =96 R5 =97 R6 =95 R7 =91 R8 =85

R9 =68 R10=99 R11=99 R12=84 R13=99 R14=99 R15=93

Fidelity Index(Rf)=90.7 Gamut Index(Rg)=97.7

**Photo Parameters**

Flux:280.06lm

Effi.:56.6lm/W

Radiant:932.9mW

Iv:0.0mcd

Efficiency:0.174

Effi Level:A (EU 874-2012)

**Ele. Parameters**

Voltage:U=24.00V

Current:I=0.2060A

Power:P=4.95W

Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP8000

Integral Time: 668.832ms

VPeak: 14679

VDark: 1284

Scan Range: 380-780nm

Product ID: 201707341

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# IES TM-30-2015 Test Report

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Temperature :23'C

Operator :HL

Remark:5 in white downlight with louver

Manufacturer :LUMINII

Humidity :45%

Test Date :2022-06-06 14:07:32

Rf: 90.7 CCT(K): 3021 u': 0.2502  
 Rg: 97.7 LER: 292.7 Duv: -0.0011 v': 0.3463

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	90.1	-3.9%	1.6%
2	93.8	-1.8%	1.4%
3	95.3	-0.9%	1.1%
4	93.0	-3.2%	-2.3%
5	92.0	-6.1%	-0.3%
6	95.5	-1.7%	0.8%
7	89.6	-5.0%	3.2%
8	94.5	-0.4%	3.2%
9	90.0	0.1%	6.3%
10	88.1	1.7%	6.1%
11	89.9	4.4%	5.3%
12	89.2	5.0%	-3.0%
13	88.4	0.6%	-8.1%
14	86.2	1.6%	-9.9%
15	86.5	-3.1%	-4.6%
16	85.0	-2.4%	-9.6%

