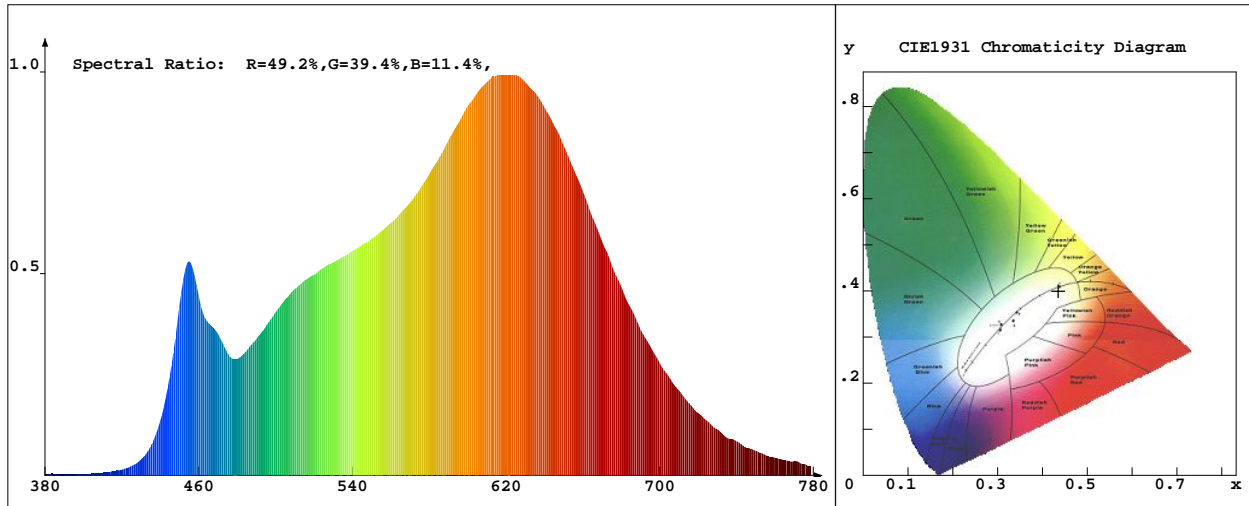


# LUMINII LED TEST REPORT

**Product Mark**

Product Type :SD-12-30K-SO-15-WH  
 Temperature :23'C  
 Operator :HL  
 Remark:SD-12-30K-SO-15-WH

Manufacturer :LUMINII  
 Humidity :45%  
 Test Date :2022-06-07 12:08:14



**Chroma Parameters**

Chro.Coor.:x=0.4356 y=0.3997 u=0.2516 v=0.3463 duv=-0.0016  
 CCT: 2987K Dominant Wave.:583.5nm Purity:50.7%  
 Flux RGB Ratio:R=24.2%,G=73.6%,B=2.2% Peak Wave:621.8nm Half Width:155.6nm

**Rendering Index:Ra= 94.1**

R1 =97 R2 =99 R3 =97 R4 =97 R5 =97 R6 =93 R7 =90 R8 =83  
 R9 =67 R10=99 R11=99 R12=84 R13=98 R14=99 R15=92  
 Fidelity Index(Rf)=90.7 Gamut Index(Rg)=97.8

**Photo Parameters**

Flux:1238.54lm Effi.:93.0lm/W Radiant:4188.9mW Iv:0.0mcd  
 Efficiency:0.145 Effi Level:A+ (EU 874-2012)

**Ele. Parameters**

Voltage:U=24.00V Current:I=0.5540A  
 Power:P=13.32W Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP8000 Integral Time: 152.033ms VPeak: 14759  
 VDark: 1157 Scan Range: 380-780nm Product ID: 201707341

All rights reserved by Luminii Corp.

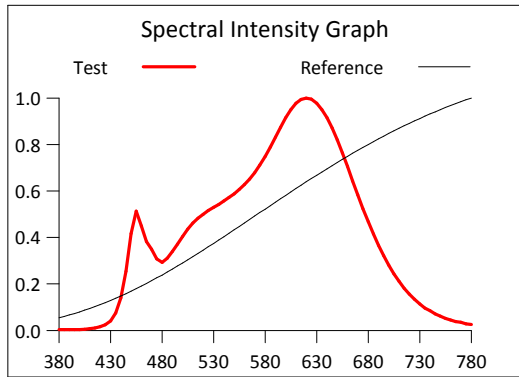
# IES TM-30-2015 Test Report

**Product Mark**

Product Type :SD-12-30K-SO-15-WH  
 Temperature :23'C  
 Operator :HL  
 Remark:SD-12-30K-SO-15-WH

Manufacturer :LUMINII  
 Humidity :45%  
 Test Date :2022-06-07 12:08:14

Rf: 90.7 CCT(K): 2987 u': 0.2516  
 Rg: 97.8 LER: 288.6 Duv: -0.0016 v': 0.3463



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.9	-4.0%	1.6%
2	93.6	-1.8%	1.6%
3	95.2	-0.8%	1.3%
4	93.1	-3.0%	-2.3%
5	92.2	-5.8%	-0.4%
6	95.5	-1.6%	0.6%
7	89.8	-5.0%	3.1%
8	94.7	-0.4%	3.1%
9	90.1	-0.0%	5.7%
10	88.6	2.2%	6.4%
11	90.2	4.4%	5.0%
12	89.0	5.0%	-3.3%
13	88.0	0.7%	-8.4%
14	86.0	1.4%	-10.2%
15	86.4	-3.3%	-4.8%
16	85.0	-2.8%	-9.5%

