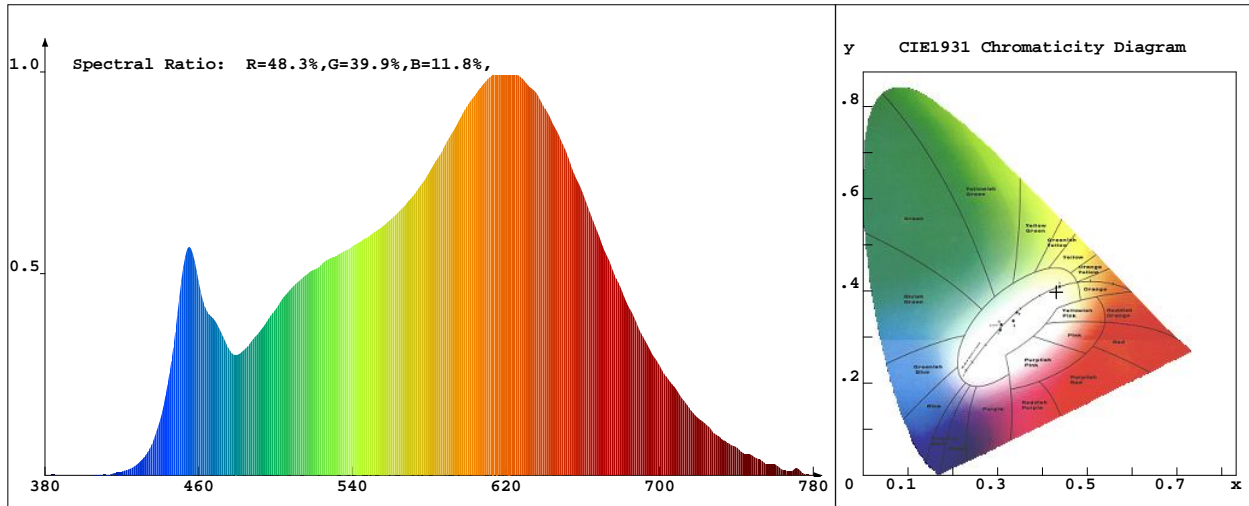


# LUMINII LED TEST REPORT

**Product Mark**

Product Type :SD-12-30K-SO-LV15-WH  
 Temperature :23'C  
 Operator :HL  
 Remark:SD-12-30K-SO-LV15-WH

Manufacturer :LUMINII  
 Humidity :45%  
 Test Date :2022-06-07 12:15:23



**Chroma Parameters**

Chro.Coor.:x=0.4310 y=0.3975 u=0.2496 v=0.3453 duv=-0.0018  
 CCT: 3048K Dominant Wave.:583.3nm Purity:48.7%  
 Flux RGB Ratio:R=23.9%,G=73.8%,B=2.3% Peak Wave:620.0nm Half Width:159.6nm

**Rendering Index:Ra= 94.5**

R1 =98 R2 =98 R3 =96 R4 =96 R5 =98 R6 =95 R7 =91 R8 =85  
 R9 =69 R10=97 R11=99 R12=84 R13=99 R14=99 R15=94  
 Fidelity Index(Rf)=90.4 Gamut Index(Rg)=97.7

**Photo Parameters**

Flux:745.30lm Effi.:56.1lm/W Radiant:2504.8mW Iv:0.0mcd  
 Efficiency:0.220 Effi Level:A (EU 874-2012)

**Ele. Parameters**

Voltage:U=24.00V Current:I=0.5530A  
 Power:P=13.29W Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP8000 Integral Time: 227.618ms VPeak: 13511  
 VDark: 1326 Scan Range: 380-780nm Product ID: 201707341

All rights reserved by Luminii Corp.

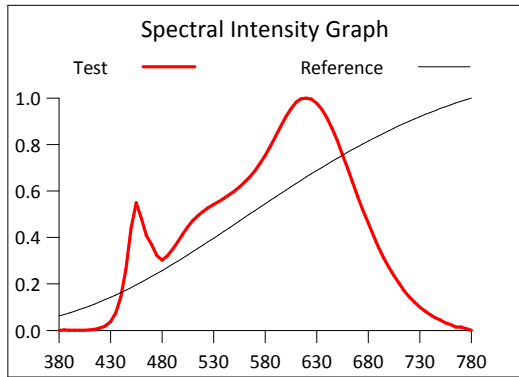
# IES TM-30-2015 Test Report

**Product Mark**

Product Type :SD-12-30K-SO-LV15-WH  
 Temperature :23'C  
 Operator :HL  
 Remark:SD-12-30K-SO-LV15-WH

Manufacturer :LUMINII  
 Humidity :45%  
 Test Date :2022-06-07 12:15:23

Rf: 90.4 CCT(K): 3048 u': 0.2496  
 Rg: 97.7 LER: 291.7 Duv: -0.0018 v': 0.3453



| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 89.9 | -3.9%              | 1.8%   |
| 2       | 93.7 | -1.7%              | 1.5%   |
| 3       | 95.2 | -0.8%              | 1.1%   |
| 4       | 92.5 | -3.3%              | -2.5%  |
| 5       | 91.7 | -6.3%              | -0.5%  |
| 6       | 95.4 | -1.8%              | 0.7%   |
| 7       | 89.0 | -5.2%              | 3.5%   |
| 8       | 94.2 | -0.5%              | 3.3%   |
| 9       | 89.3 | 0.2%               | 6.7%   |
| 10      | 87.3 | 1.9%               | 6.5%   |
| 11      | 89.5 | 4.7%               | 5.5%   |
| 12      | 89.0 | 5.1%               | -3.0%  |
| 13      | 88.2 | 0.6%               | -8.2%  |
| 14      | 86.2 | 1.6%               | -10.0% |
| 15      | 86.2 | -3.2%              | -4.5%  |
| 16      | 84.8 | -2.4%              | -9.7%  |

