

LED Test Report

Product Mark

Product Type : F52-30S-156822-W5 BIN 3WS LOManufacturer :

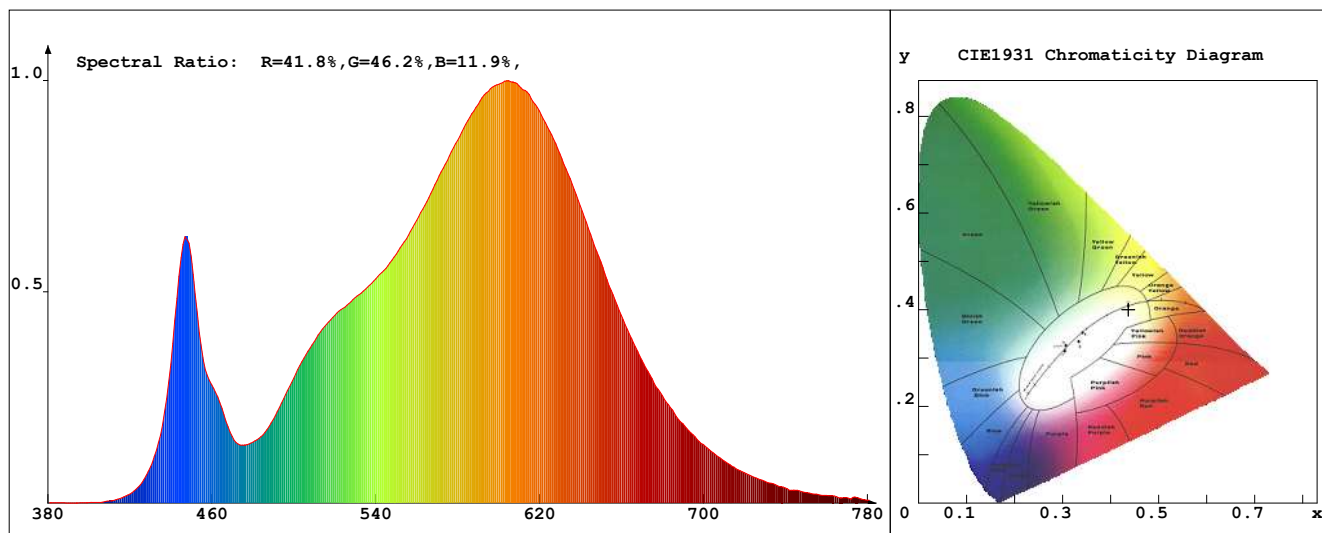
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:33:00

Remark:



Chroma Parameters

Chro.Coord.:x=0.4370 y=0.4004 u=0.2522 v=0.3466 duv=-0.0015

CCT: 2969K Dominant Wave.:583.5nm Purity:51.4% Centre Wave:593.4nm

Flux RGB Ratio:R=22.1%,G=76.5%,B=1.4% Peak Wave:602.8nm Half Width:121.7nm

Rendering Index:Ra= 81.0 CRI= 78.2

R1 =79 R2 =89 R3 =96 R4 =80 R5 =80 R6 =87 R7 =81 R8 =56

R9 =0 R10=75 R11=79 R12=71 R13=81 R14=98 R15=71

PPF:9.283umol/s (400-700nm)

PRF:1.9mW (400-700nm)

PAR:1.7mW (400-700nm)

Photo Parameters

Flux:697.19lm Effi.:116.0lm/W Radiant:1978.4mW Iv:0.0mcd

Scotopic Flux:909.2Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:9589.600umol/s (380-780nm)

Ele. Parameters

Voltage:U=23.85V

Current:I=0.2520A

Power:P=6.030W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 198.746ms

VPeak: 13544

VDark: 1353

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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Remark:

Rf: 80.2 CCT(K): 2969 u': 0.2522
Rg: 97.7 LER: 333.5 Duv: -0.0015 v': 0.3466

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.0	-12.0%	-1.8%
2	76.0	-9.1%	8.3%
3	69.4	-2.8%	14.3%
4	81.4	4.1%	10.2%
5	87.4	7.4%	5.9%
6	87.1	6.6%	-3.3%
7	79.9	0.2%	-11.4%
8	89.5	-2.8%	-4.9%
9	86.3	-7.0%	-0.7%
10	82.5	-6.8%	6.9%
11	77.4	-2.8%	13.7%
12	81.0	6.2%	5.9%
13	85.7	7.1%	-5.0%
14	77.6	7.0%	-14.7%
15	78.6	-0.3%	-12.0%
16	73.2	-8.4%	-17.3%

