

LED Test Report

Product Mark

Product Type : F52-30S-256824A

Manufacturer :

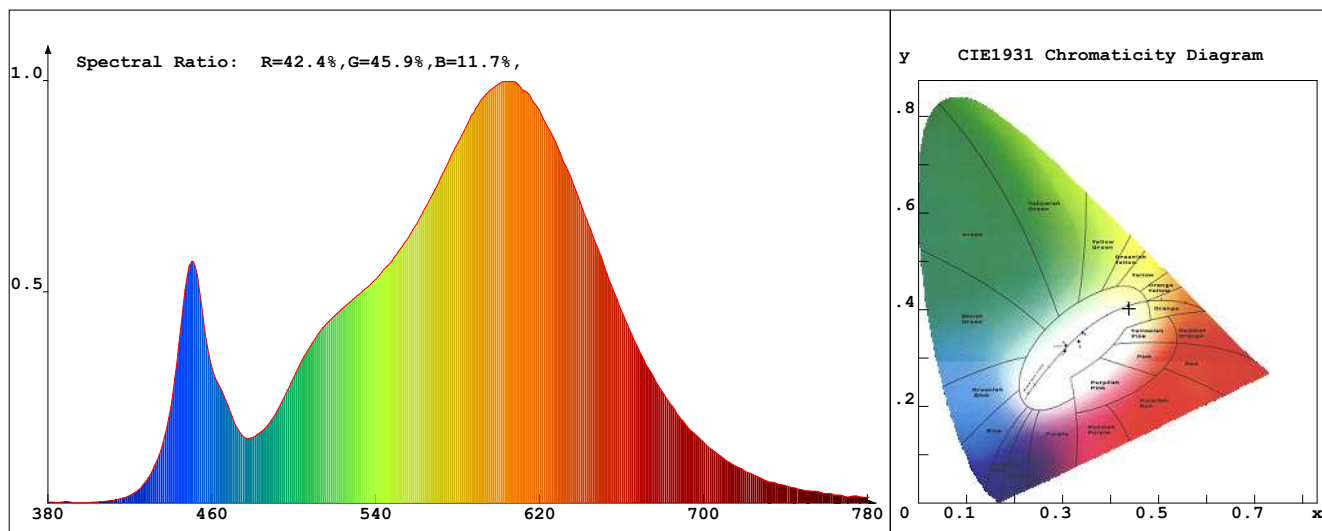
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 01-03-22 16:08:03

Remark: BIN 3WS LOTTO 458



Chroma Parameters

Chro.Coord.: $x=0.4382$ $y=0.4023$ $u=0.2522$ $v=0.3472$ $duv=-0.0009$

CCT: 2964K Dominant Wave.: 583.3nm Purity: 52.3% Centre Wave: 593.8nm

Flux RGB Ratio: $R=22.2\%$, $G=76.3\%$, $B=1.5\%$ Peak Wave: 601.8nm Half Width: 122.6nm

Rendering Index: Ra= 81.8 CRI= 79.0

R1 =80 R2 =90 R3 =96 R4 =80 R5 =81 R6 =89 R7 =82 R8 =57

R9 =3 R10=78 R11=80 R12=71 R13=82 R14=99 R15=72

PPF: 43.520 $\mu\text{mol/s}$ (400-700nm)

PRF: 9.0mW (400-700nm)

PAR: 8.0mW (400-700nm)

Photo Parameters

Flux: 3259.45lm Effi.: 164.3lm/W Radiant: 9286.0mW Iv: 0.0mcd

Scotopic Flux: 4291.3Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 45108.699 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=44.68\text{V}$ Current: $I=0.4440\text{A}$ Power: $P=19.841\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 46.884ms

VPeak: 14760

VDark: 1359

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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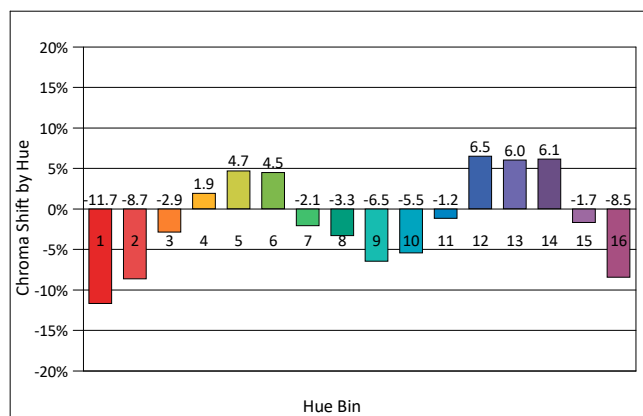
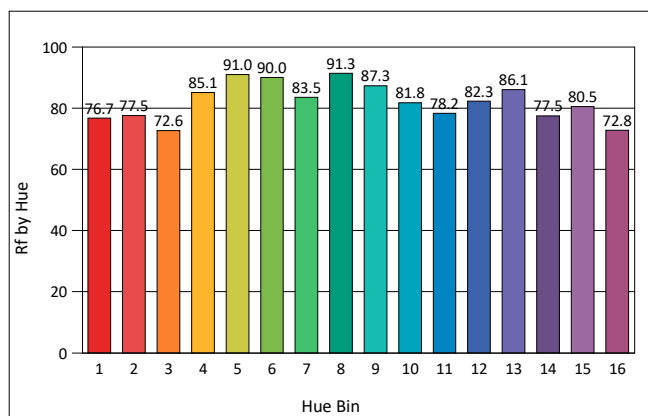
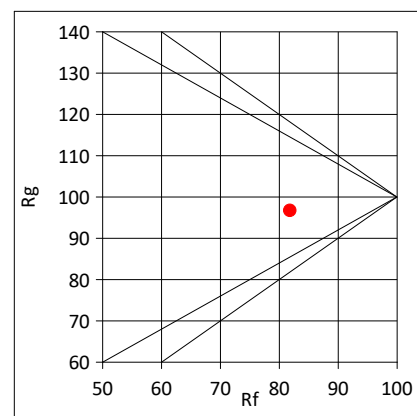
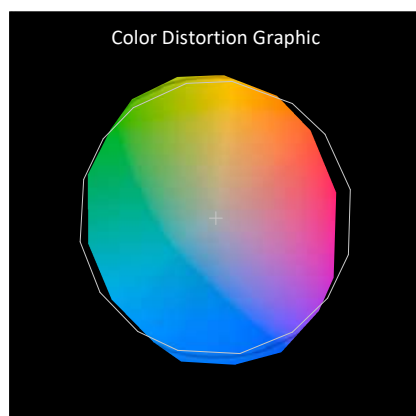
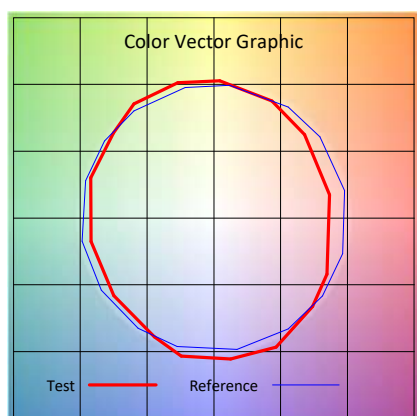
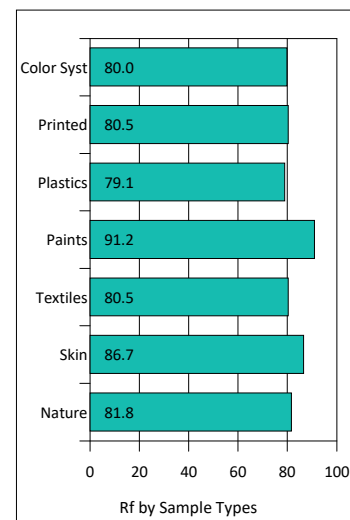
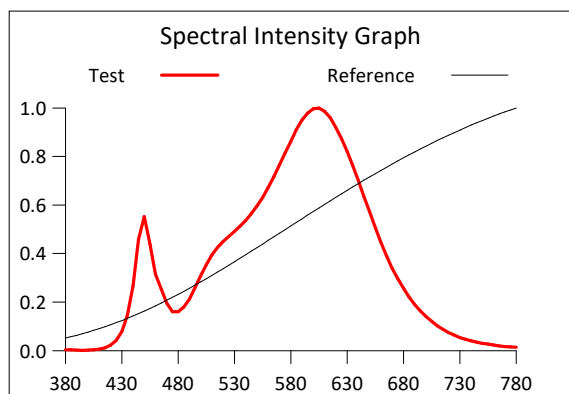
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Rf: 81.8 CCT(K): 2964 u': 0.2522
 Rg: 96.7 LER: 331.6 Duv: -0.0009 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.7	-11.7%	-0.9%
2	77.5	-8.7%	7.6%
3	72.6	-2.9%	12.7%
4	85.1	1.9%	7.9%
5	91.0	4.7%	4.8%
6	90.0	4.5%	-2.9%
7	83.5	-2.1%	-8.8%
8	91.3	-3.3%	-3.0%
9	87.3	-6.5%	1.6%
10	81.8	-5.5%	8.7%
11	78.2	-1.2%	13.8%
12	82.3	6.5%	4.6%
13	86.1	6.0%	-6.1%
14	77.5	6.1%	-15.3%
15	80.5	-1.7%	-10.7%
16	72.8	-8.5%	-17.4%



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