

LED Test Report

Product Mark

Product Type : F52-30s-120821-W3

Manufacturer : -

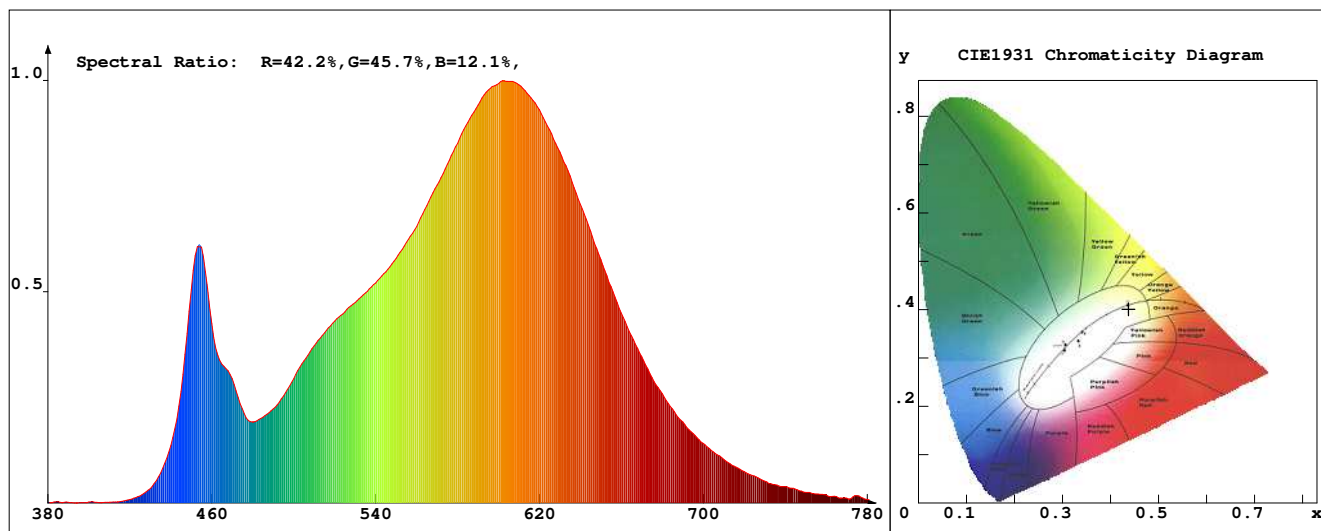
Temperature : -'C

Humidity : -%

Operator : -

Test Date : 2023-06-15

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4379$ $y=0.4011$ $u=0.2525$ $v=0.3469$ $duv=-0.0013$

CCT: 2960K Dominant Wave.: 583.5nm Purity: 51.8% Centre Wave: 595.2nm

Flux RGB Ratio: R=22.3%, G=76.0%, B=1.8% Peak Wave: 601.8nm Half Width: 119.3nm

Rendering Index: Ra= 81.8 CRI= 79.1

R1 =80 R2 =91 R3 =95 R4 =79 R5 =81 R6 =91 R7 =80 R8 =56

R9 =3 R10=81 R11=78 R12=71 R13=83 R14=98 R15=73

PPF: 7.962 $\mu\text{mol/s}$ (400–700nm)

PRF: 1.7mW (400–700nm)

PAR: 1.5mW (400–700nm)

Photo Parameters

Flux: 597.62lm Effi.: 119.2lm/W Radiant: 1695.6mW Iv: 0.0mcd

Scotopic Flux: 800.8Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8233.290 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=417.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=12.02\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=5.020\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 268.598ms

VPeak: 14168

VDark: 1474

Scan Range: 380–780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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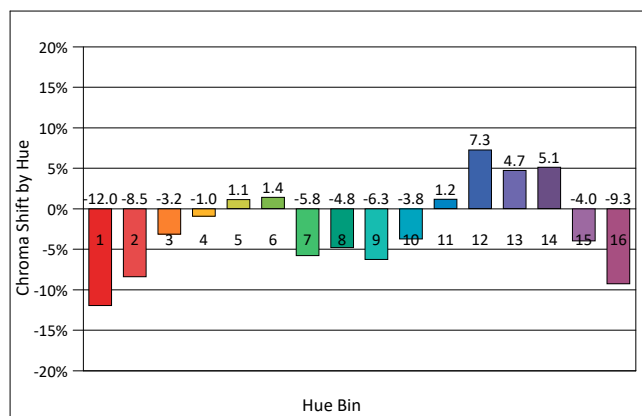
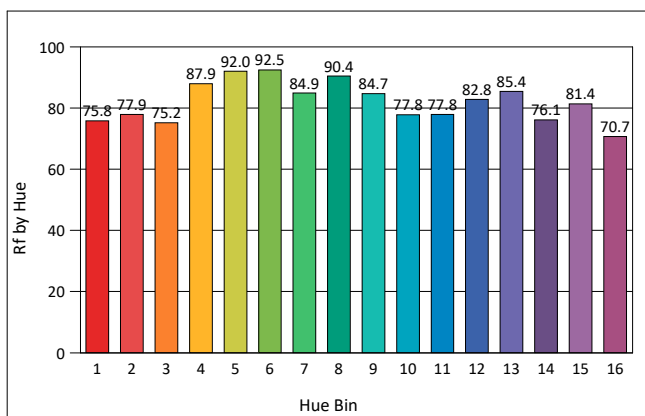
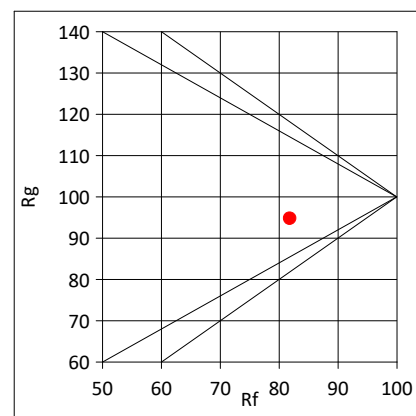
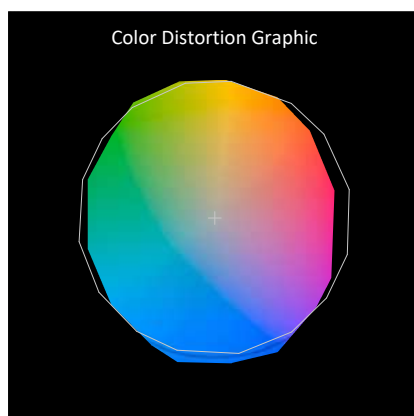
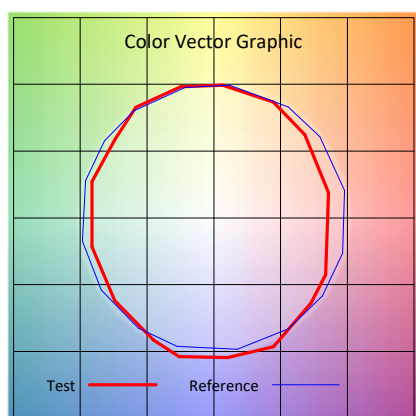
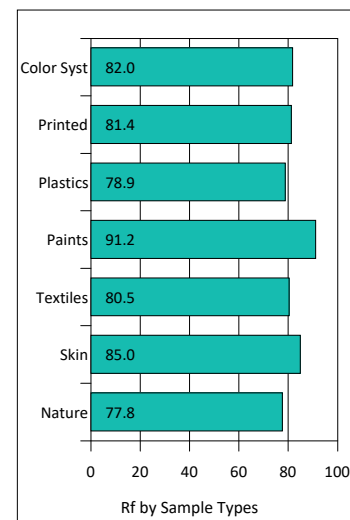
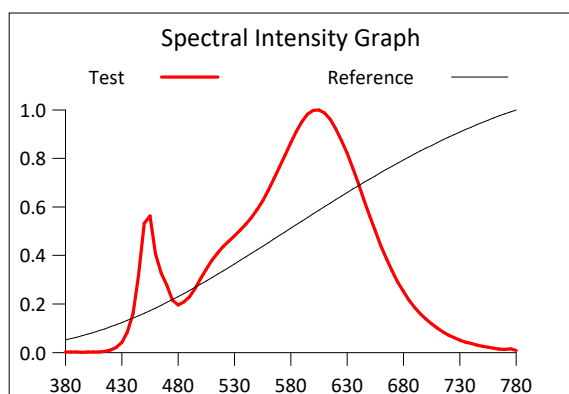
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Rf: 81.8 CCT(K): 2960 u': 0.2525
Rg: 94.8 LER: 331.7 Duv: -0.0013 v': 0.3469

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.8	-12.0%	0.6%
2	77.9	-8.5%	7.3%
3	75.2	-3.2%	11.2%
4	87.9	-1.0%	5.1%
5	92.0	1.1%	3.3%
6	92.5	1.4%	-2.8%
7	84.9	-5.8%	-5.3%
8	90.4	-4.8%	-0.1%
9	84.7	-6.3%	5.6%
10	77.8	-3.8%	12.1%
11	77.8	1.2%	14.6%
12	82.8	7.3%	2.9%
13	85.4	4.7%	-8.2%
14	76.1	5.1%	-16.7%
15	81.4	-4.0%	-9.4%
16	70.7	-9.3%	-18.2%



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