

LED Test Report

Product Mark

Product Type : F52-300-5040S2/15.5

Manufacturer : -

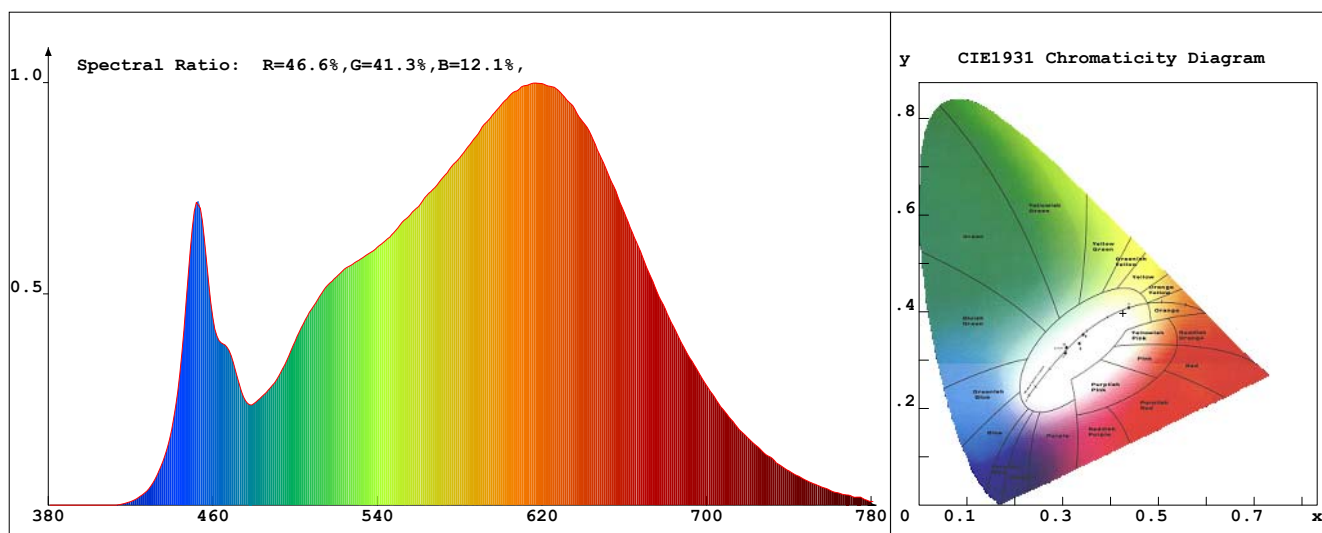
Temperature : -'C

Humidity : -%

Operator : -

Test Date : 2019-10-19

Remark: Bin: - Lotto: 406



Chroma Parameters

Chro.Coord.: x=0.4258 y=0.3969 u=0.2464 v=0.3446 duv=-0.0013

CCT: 3137K Dominant Wave.: 582.7nm Purity: 47.0% Centre Wave: 593.6nm

Flux RGB Ratio: R=22.6%, G=75.4%, B=2.0% Peak Wave: 616.5nm Half Width: 163.1nm

Rendering Index: Ra= 92.0 CRI= 89.4

R1 =92 R2 =96 R3 =98 R4 =92 R5 =92 R6 =95 R7 =91 R8 =80

R9 =55 R10=90 R11=93 R12=78 R13=93 R14=99 R15=88

PPF: 17.363umol/s (400-700nm)

PRF: 3.6mW (400-700nm)

PAR: 3.1mW (400-700nm)

Photo Parameters

Flux: 1129.78lm Effi.: 80.7lm/W Radiant: 3749.1mW Iv: 0.0mcd

Scotopic Flux: 1667.6Plm Effi.: 0.0Plm/W S/P: 1.5

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 18392.500umol/s (380-780nm)

Ele. Parameters

Forward Current: If=585.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.94V

Reverse Current: Ir=0.00uA

Power: P=14.011W

Instrument state

Instrument: -

Integral Time: 130.241ms

VPeak: 13400

VDark: 1140

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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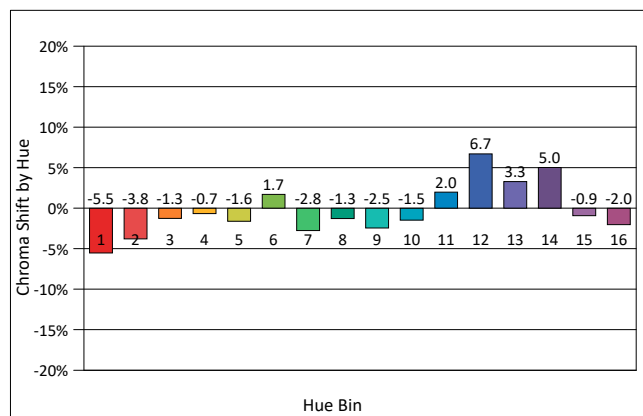
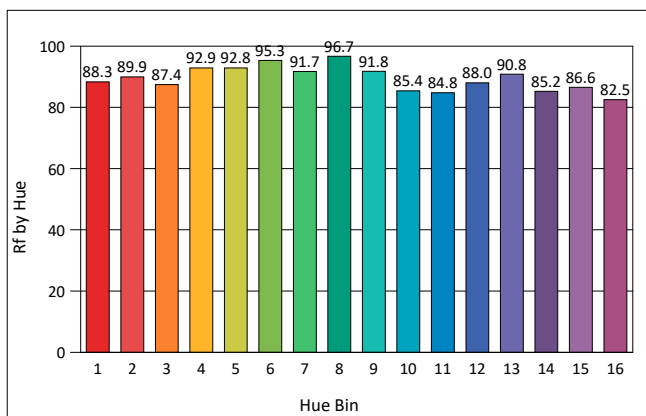
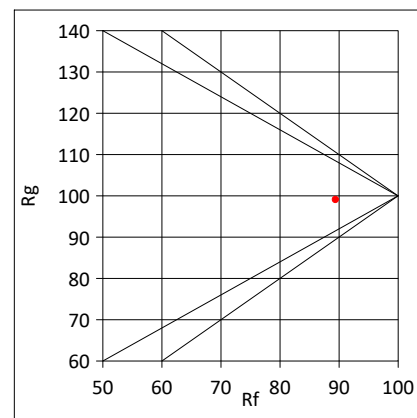
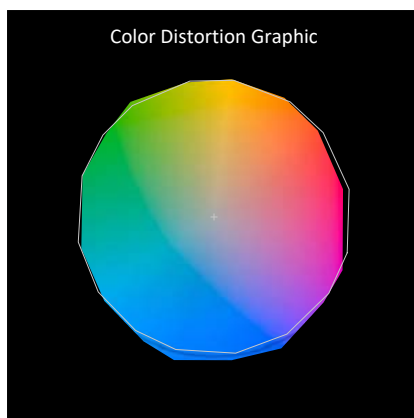
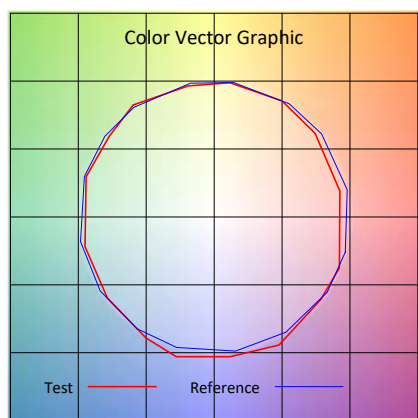
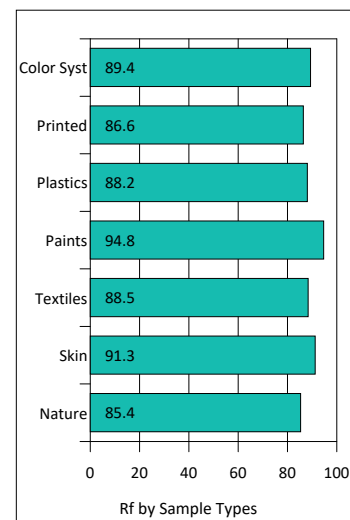
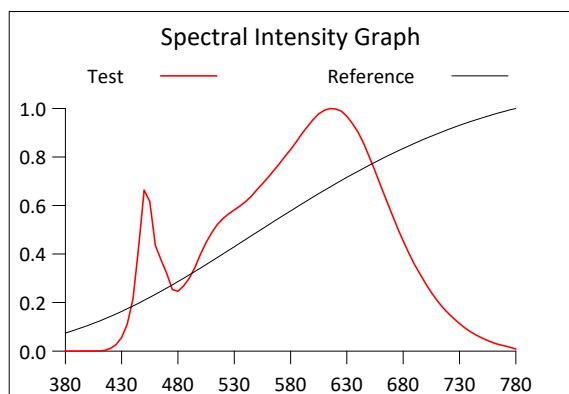
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Rf: 89.4 CCT(K): 3137 u': 0.2464
 Rg: 99.1 LER: 298.6 Duv: -0.0013 v': 0.3446

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.3	-5.5%	0.2%
2	89.9	-3.8%	3.1%
3	87.4	-1.3%	5.6%
4	92.9	-0.7%	2.6%
5	92.8	-1.6%	1.9%
6	95.3	1.7%	-0.5%
7	91.7	-2.8%	-1.6%
8	96.7	-1.3%	-0.0%
9	91.8	-2.5%	4.2%
10	85.4	-1.5%	7.4%
11	84.8	2.0%	9.2%
12	88.0	6.7%	1.2%
13	90.8	3.3%	-4.7%
14	85.2	5.0%	-9.4%
15	86.6	-0.9%	-7.3%
16	82.5	-2.0%	-12.3%



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