

LED Test Report

Product Mark

Product Type : L52-RGBT-060522 RED

Manufacturer :

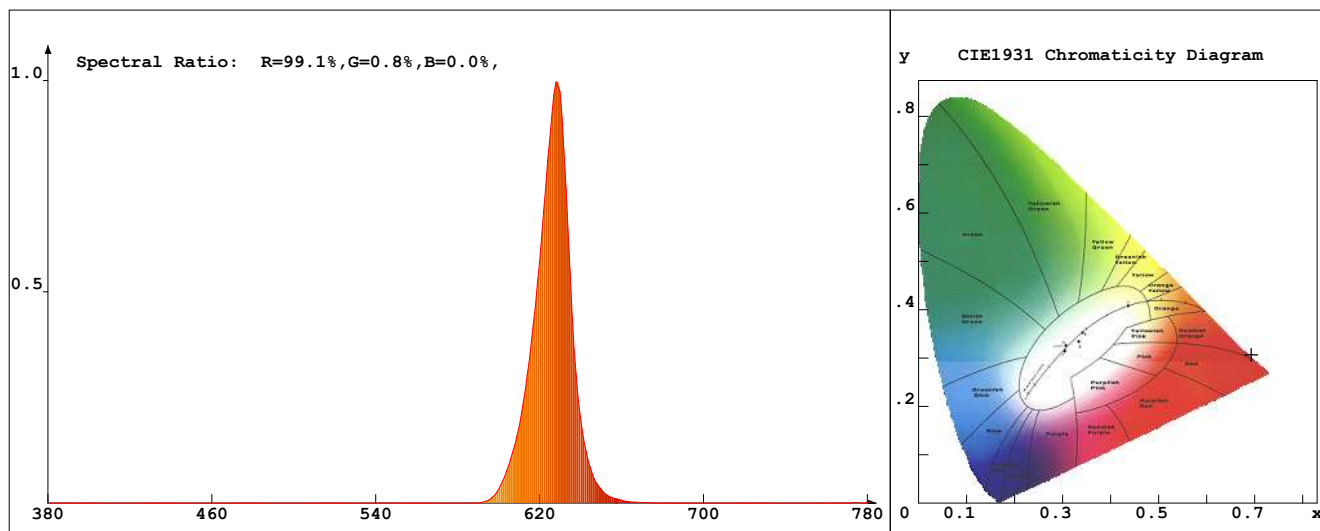
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:53:02

Remark:



Chroma Parameters

Chro.Coord.:x=0.6929 y=0.3068 u=0.5234 v=0.3476 duv=-0.0006

CCT: 1332K Dominant Wave.:620.8nm Purity:99.9% Centre Wave:625.9nm

Flux RGB Ratio:R=98.3%,G=1.7%,B=0.0% Peak Wave:627.5nm Half Width:16.8nm

Rendering Index:Ra=-21.8 CRI=106.5

R1 =-47 R2 =54 R3 =8 R4 =-77 R5 =-41 R6 =56 R7 =-12 R8 =-115

R9 =-349 R10=41 R11=-89 R12=25 R13=-19 R14=39 R15=-84

PPF:2.218umol/s (400-700nm)

PRF:0.4mW(400-700nm)

PAR:0.4mW(400-700nm)

Photo Parameters

Flux:94.41lm Effi.:22.0lm/W Radiant:424.9mW Iv:0.0mcd

Scotopic Flux:4.8Plm Effi.:0.0Plm/W S/P:0.1

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:2221.060umol/s (380-780nm)

Ele. Parameters

Voltage:U=24.99V

Current:I=0.1720A

Power:P=4.321W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 127.568ms

VPeak: 13288

VDark: 1236

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

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Temperature : 1m'C

Operator :

Remark :

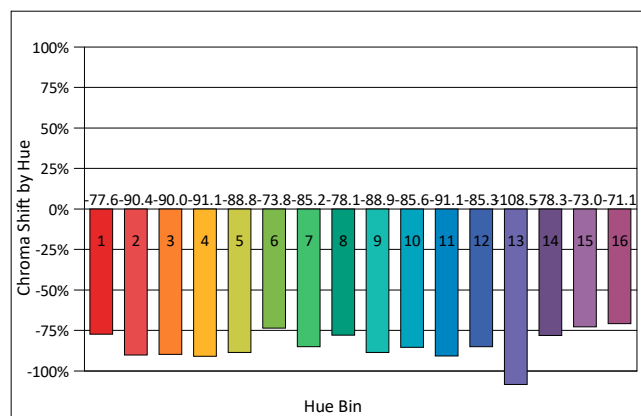
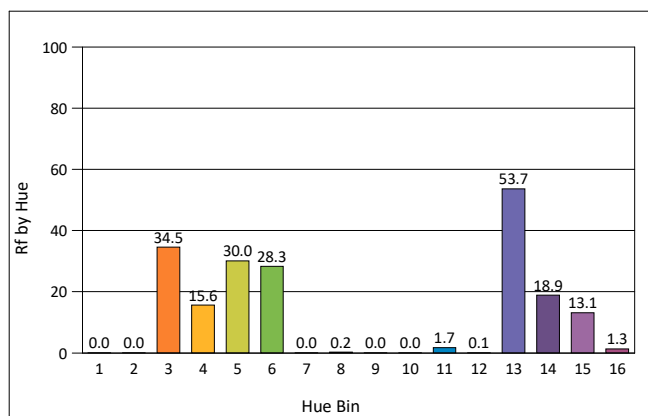
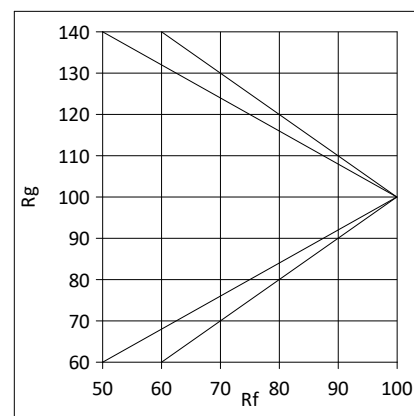
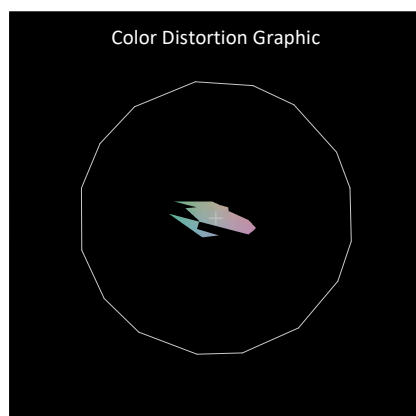
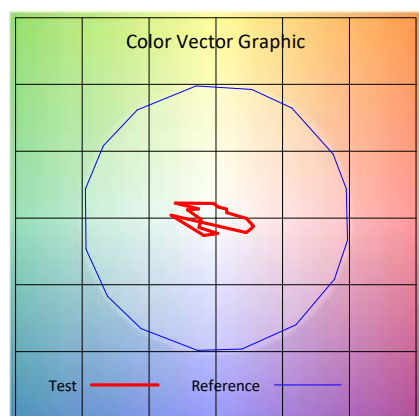
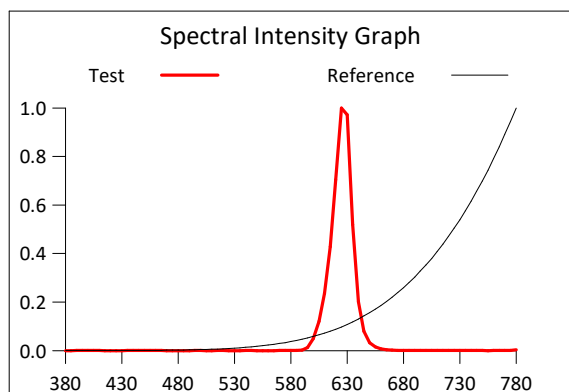
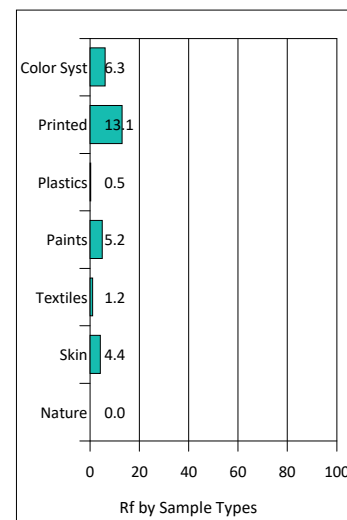
Manufacturer :

Humidity : %

Test Date : 13-04-22 14:53:02

Rf: 0.6 CCT(K): 1332 u': 0.5234
Rg: 1.6 LER: 222.0 Duv: -0.0006 v': 0.3476

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-77.6%	-7.2%
2	0.0	-90.4%	7.7%
3	34.5	-90.0%	-1.4%
4	15.6	-91.1%	7.6%
5	30.0	-88.8%	4.3%
6	28.3	-73.8%	14.9%
7	0.0	-85.2%	-0.3%
8	0.2	-78.1%	0.3%
9	0.0	-88.9%	-5.0%
10	0.0	-85.6%	-4.7%
11	1.7	-91.1%	8.1%
12	0.1	-85.3%	-12.1%
13	53.7	-108.5%	-32.3%
14	18.9	-78.3%	7.2%
15	13.1	-73.0%	-3.3%
16	1.3	-71.1%	-3.4%



IES TM-30-2015 Test Report

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Manufacturer :

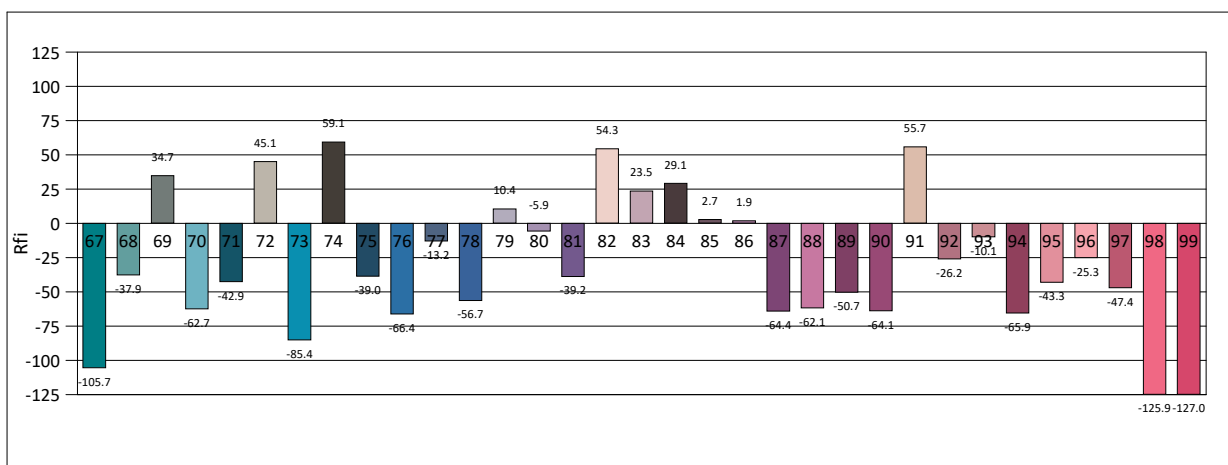
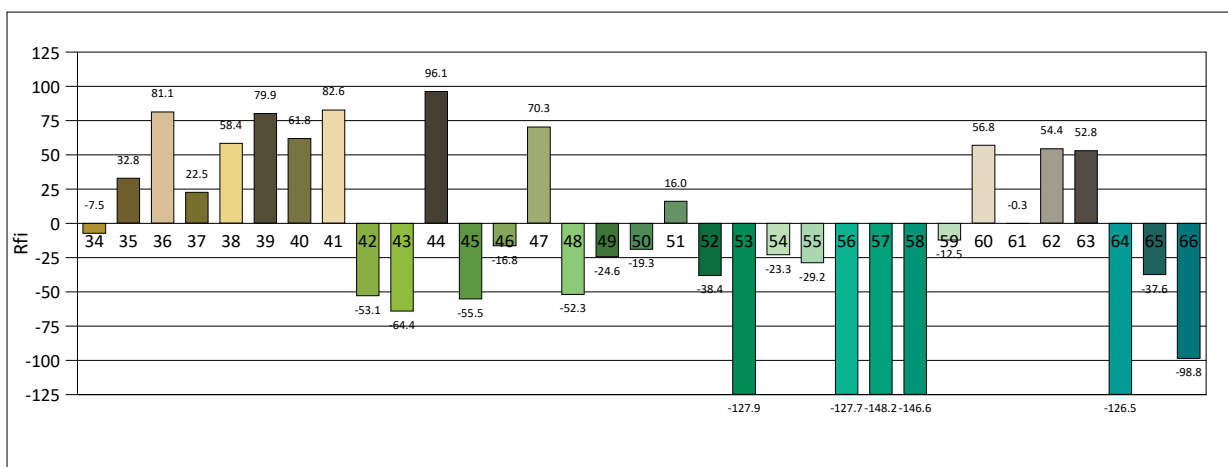
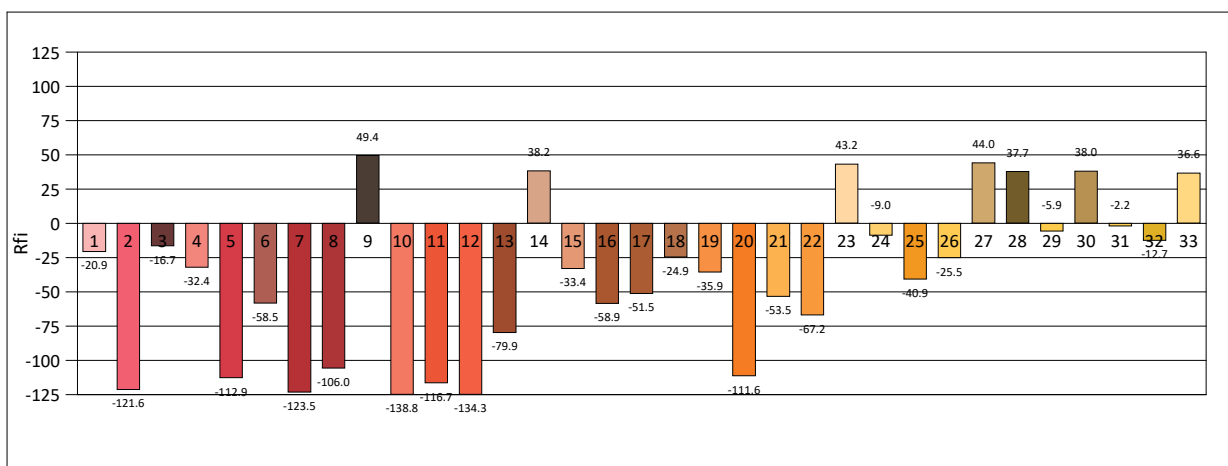
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:53:02

Remark :



LED Test Report

Product Mark

Product Type : L52-RGBT-060522 GREEN

Manufacturer :

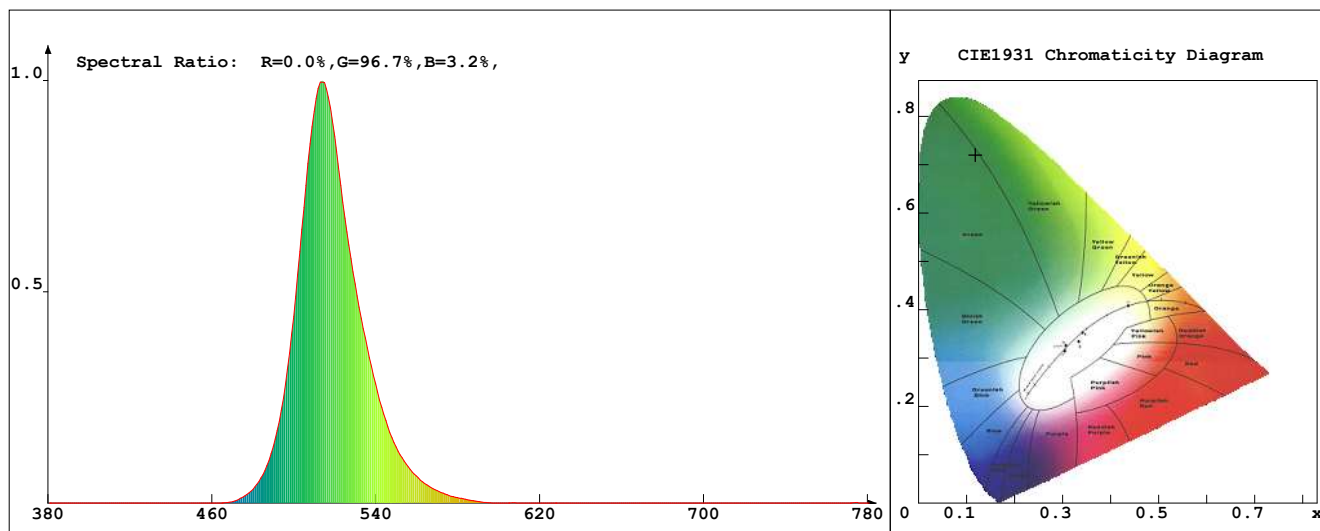
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:55:21

Remark:



Chroma Parameters

Chro.Coord.: x=0.1183 y=0.7200 u=0.0415 v=0.3788 duv=0.1714

CCT: 8871K Dominant Wave.: 517.8nm Purity: 78.1% Centre Wave: 514.9nm

Flux RGB Ratio: R=0.0%, G=99.1%, B=0.9% Peak Wave: 512.6nm Half Width: 29.3nm

Rendering Index: Ra=-31.2 CRI=107.0

R1 =-38 R2 =-16 R3 =-38 R4 =-73 R5 =-12 R6 =-24 R7 =-15 R8 =-34

R9 =-360 R10=-123 R11=-101 R12=-41 R13=-47 R14=31 R15=-32

PPF: 2.258umol/s (400-700nm)

PRF: 0.5mW (400-700nm)

PAR: 0.4mW (400-700nm)

Photo Parameters

Flux: 258.26lm Effi.: 60.0lm/W Radiant: 521.6mW Iv: 0.0mcd

Scotopic Flux: 903.0Plm Effi.: 0.0Plm/W S/P: 3.5

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 2258.680umol/s (380-780nm)

Ele. Parameters

Voltage: U=24.75V

Current: I=0.1740A

Power: P=4.330W

Power Factor: PF=1.000

Instrument state

Instrument: Lisun

Integral Time: 179.923ms

VPeak: 14200

VDark: 1366

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : L52-RGBT-060522 GREEN

Manufacturer :

Temperature : 1m'C

Humidity : %

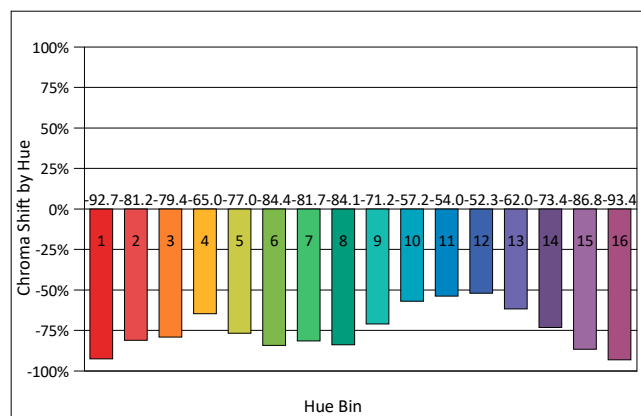
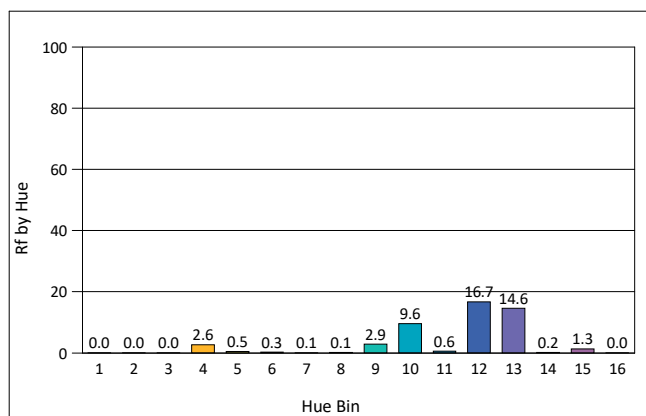
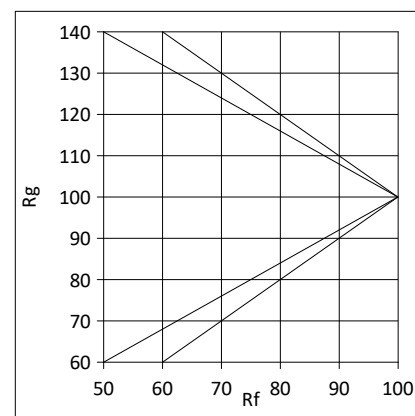
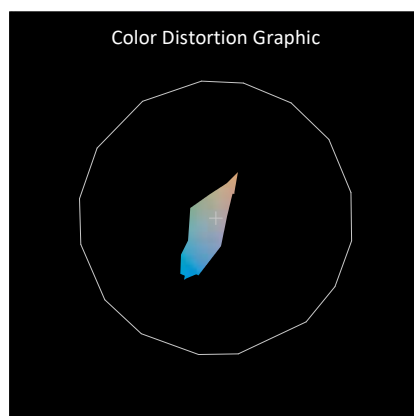
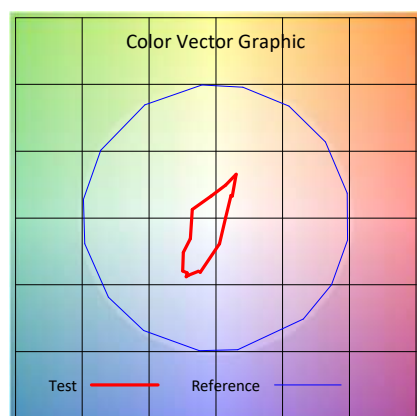
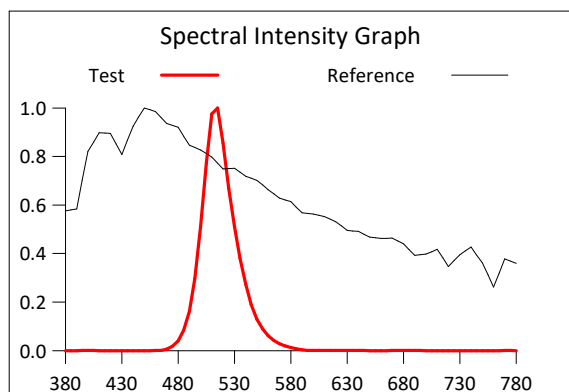
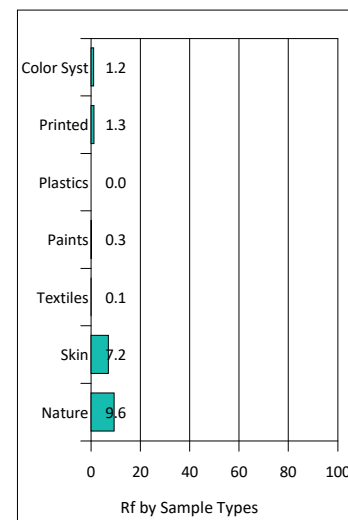
Operator :

Test Date : 13-04-22 14:55:21

Remark :

Rf: 0.2 CCT(K): 8871 u': 0.0415
 Rg: 4.2 LER: 427.5 Duv: 0.1714 v': 0.3788

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-92.7%	-0.2%
2	0.0	-81.2%	6.0%
3	0.0	-79.4%	-2.0%
4	2.6	-65.0%	-7.9%
5	0.5	-77.0%	-2.7%
6	0.3	-84.4%	-3.4%
7	0.1	-81.7%	-1.3%
8	0.1	-84.1%	13.2%
9	2.9	-71.2%	20.7%
10	9.6	-57.2%	14.6%
11	0.6	-54.0%	3.1%
12	16.7	-52.3%	-20.3%
13	14.6	-62.0%	-24.9%
14	0.2	-73.4%	-45.7%
15	1.3	-86.8%	-47.0%
16	0.0	-93.4%	-21.5%



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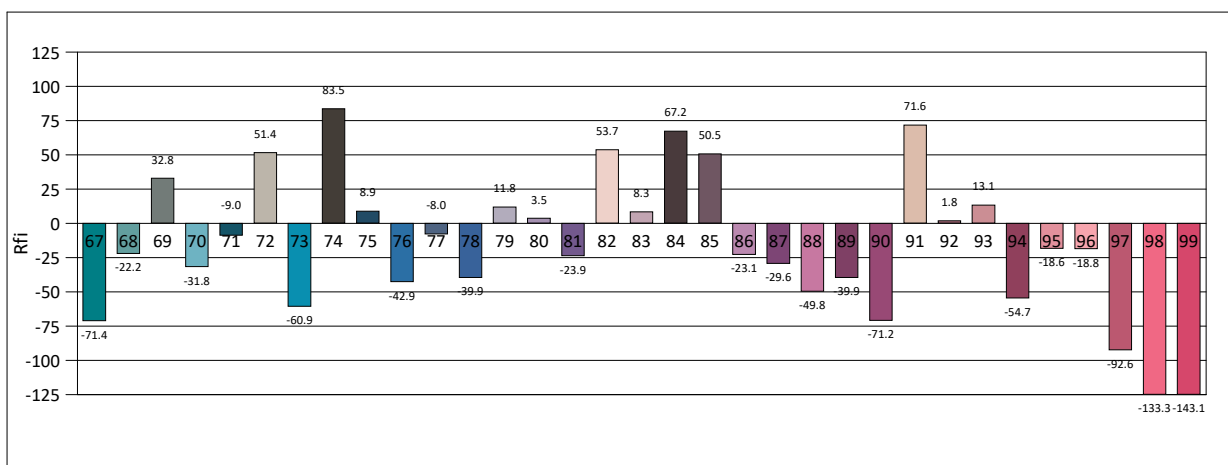
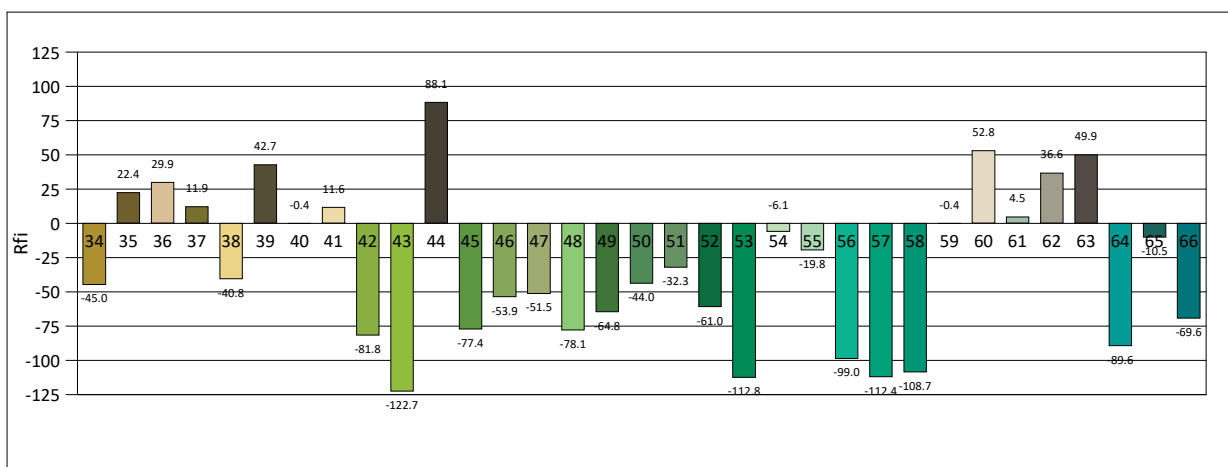
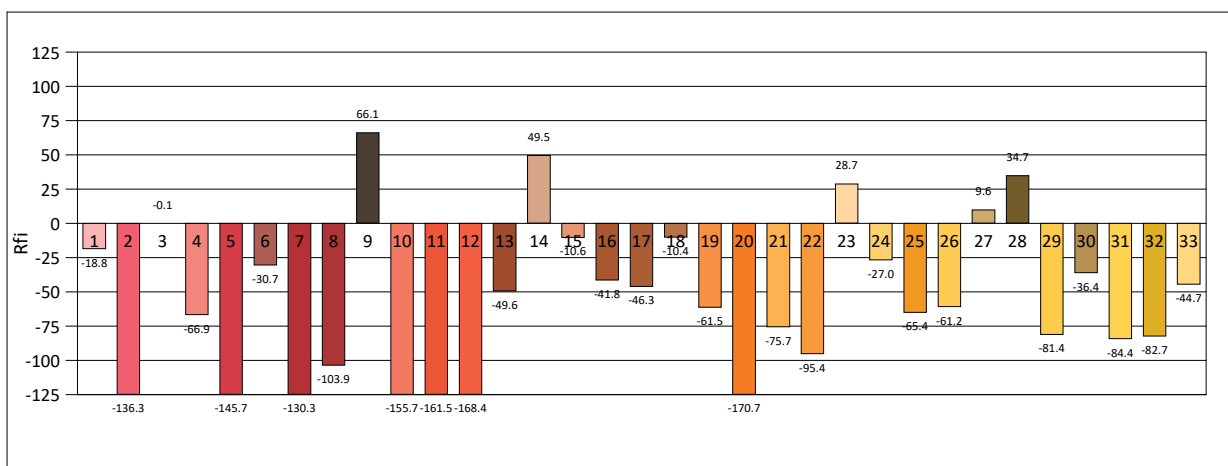
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:55:21

Remark :



LED Test Report

Product Mark

Product Type : L52-RGBT-060522 BLU

Manufacturer :

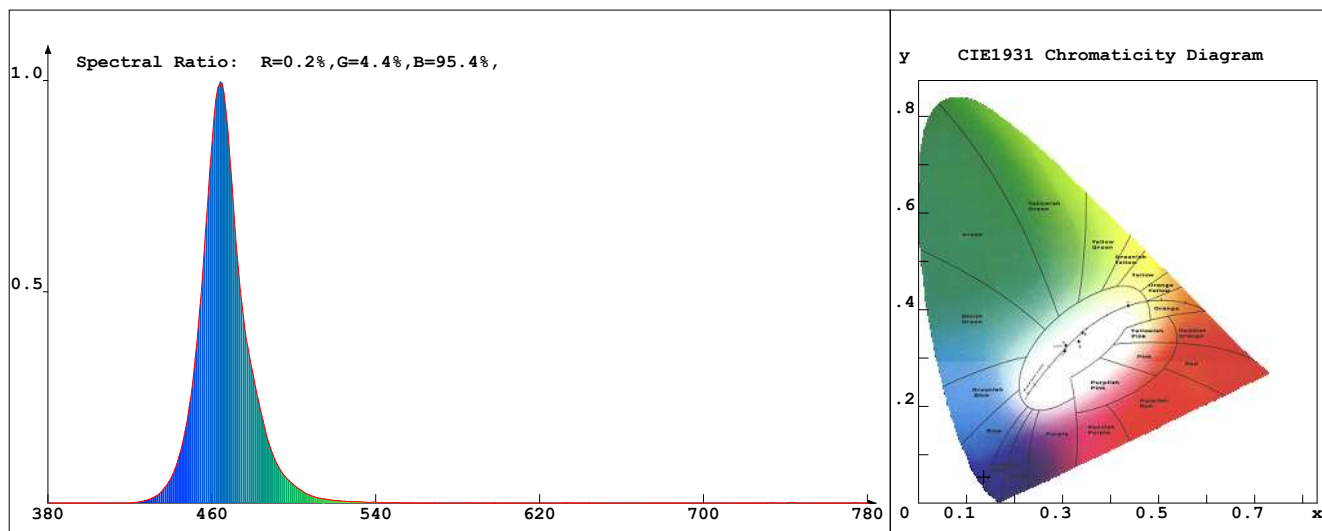
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:51:51

Remark:



Chroma Parameters

Chro.Coord.: $x=0.1357$ $y=0.0538$ $u=0.1608$ $v=0.0957$ $duv=-0.0230$

CCT:100000K Dominant Wave.:467.3nm Purity:97.6% Centre Wave:463.5nm

Flux RGB Ratio:R=0.2%,G=18.3%,B=81.5% Peak Wave:462.7nm Half Width:19.3nm

Rendering Index:Ra=-55.3 CRI=117.6

R1 =-18 R2 =-50 R3 =-141 R4 =-86 R5 =-2 R6 =-60 R7 =-49 R8 =-36

R9 =-287 R10=-243 R11=-116 R12=-113 R13=-38 R14=-32 R15=-1

PPF:3.589 μ mol/s (400-700nm)

PRF:0.9mW (400-700nm)

PAR:0.7mW (400-700nm)

Photo Parameters

Flux:70.12lm Effi.:16.3lm/W Radiant:922.5mW Iv:0.0mcd

Scotopic Flux:1187.3Plm Effi.:0.0Plm/W S/P:16.9

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:3595.970 μ mol/s (380-780nm)

Ele. Parameters

Voltage:U=24.99V

Current:I=0.1720A

Power:P=4.310W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 95.421ms

VPeak: 15960

VDark: 1355

Scan Range: 380-780nm

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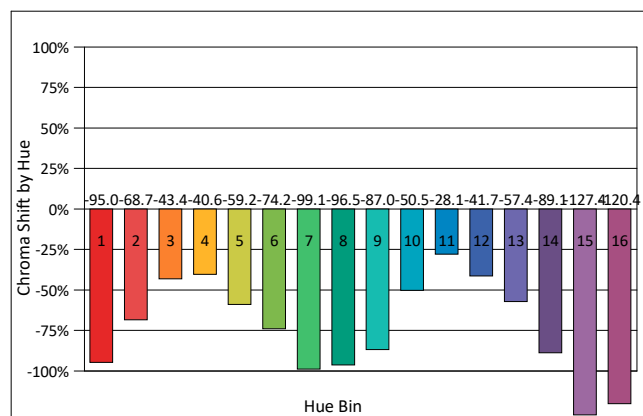
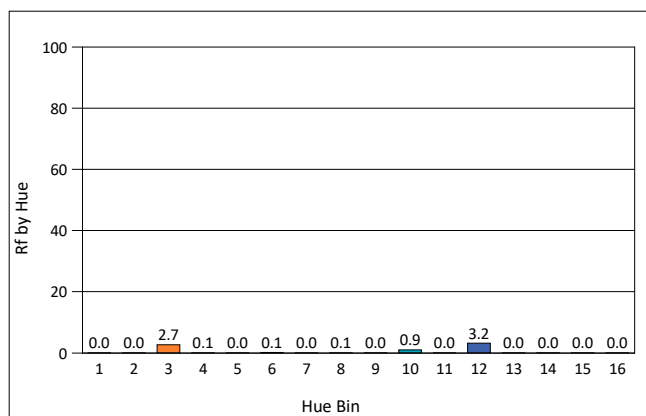
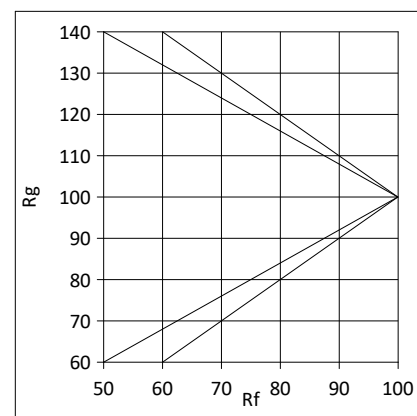
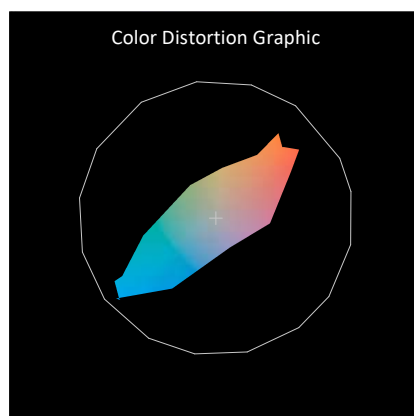
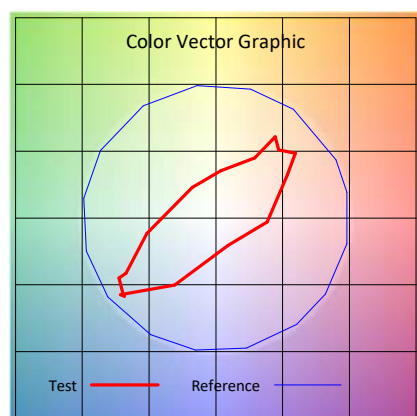
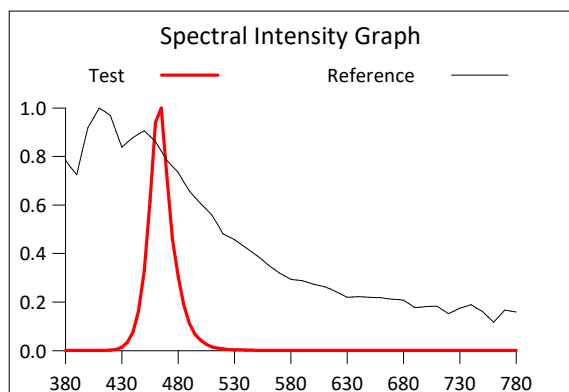
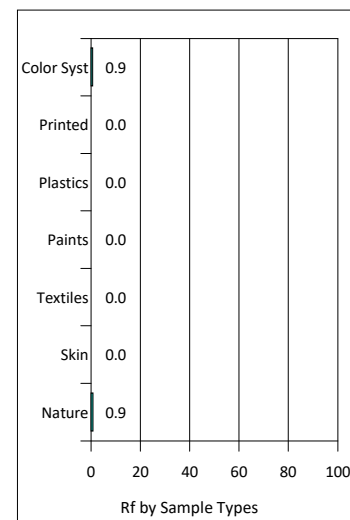
Manufacturer :

Humidity : %

Test Date : 13-04-22 14:51:51

Rf: 0.0 CCT(K): 100000 u': 0.1608
Rg: 21.6 LER: 62.7 Duv: -0.0230 v': 0.0957

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-95.0%	-21.7%
2	0.0	-68.7%	-9.8%
3	2.7	-43.4%	-23.5%
4	0.1	-40.6%	-42.2%
5	0.0	-59.2%	-50.5%
6	0.1	-74.2%	-69.0%
7	0.0	-99.1%	-59.6%
8	0.1	-96.5%	-40.4%
9	0.0	-87.0%	-31.3%
10	0.9	-50.5%	-23.2%
11	0.0	-28.1%	-40.8%
12	3.2	-41.7%	-66.7%
13	0.0	-57.4%	-82.7%
14	0.0	-89.1%	-95.4%
15	0.0	-127.4%	-85.7%
16	0.0	-120.4%	-55.5%



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