

LED Test Report

Product Mark

Product Type : F52-CCT-156821-W5 CW+WW

Manufacturer : -

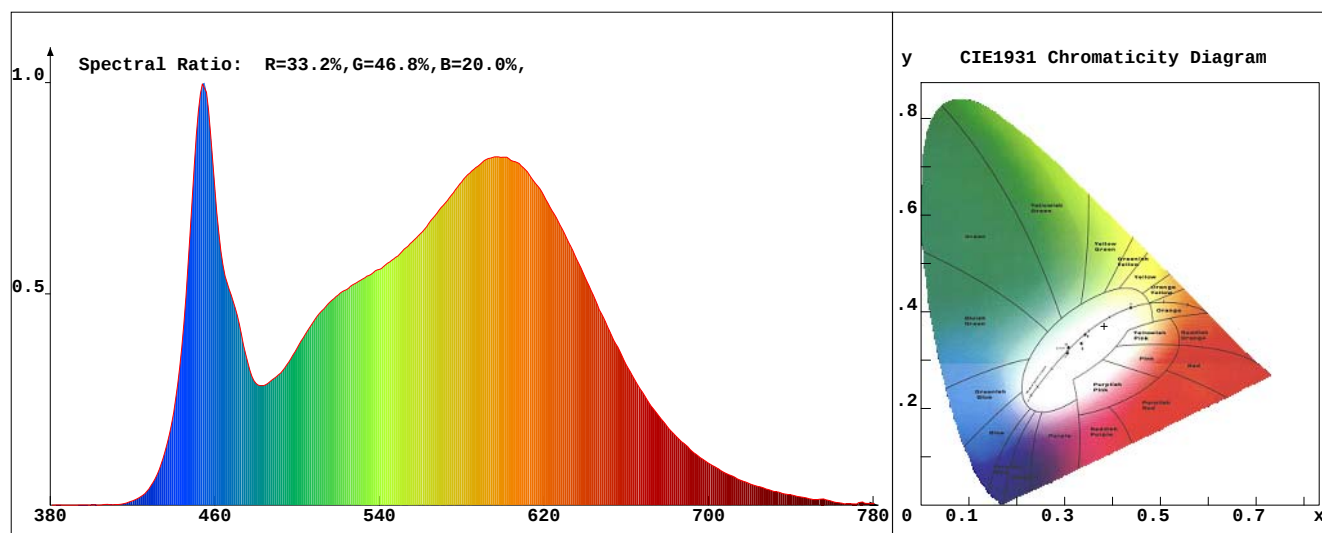
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3824$ $y=0.3701$ $u=0.2291$ $v=0.3326$ $duv=-0.0037$

CCT: 3895K Dominant Wave.: 581.7nm Purity: 25.8% Centre Wave: 455.9nm

Flux RGB Ratio: R=18.6%, G=78.5%, B=2.9% Peak Wave: 453.8nm Half Width: 21.7nm

Rendering Index: Ra= 85.3 CRI= 82.3

R1 =85 R2 =94 R3 =95 R4 =83 R5 =86 R6 =91 R7 =84 R8 =65

R9 =18 R10=86 R11=83 R12=67 R13=88 R14=98 R15=80

PPF: 15.681 $\mu\text{mol/s}$ (400-700nm) PRF: 3.3mW (400-700nm) PAR: 2.9mW (400-700nm)

Photo Parameters

Flux: 1176.03lm Effi.: 126.1lm/W Radiant: 3408.6mW Iv: 0.0mcd

Scotopic Flux: 2033.5Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00 Effi Level: A++ (EU 874-2012) Photon Flux: 16046.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=784.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=11.90V

Reverse Current: Ir=0.00uA

Power: P=9.330W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 127.272ms

VPeak: 14456

VDark: 1304

Scan Range: 380-780nm

Product ID: 201508924

www.ledpoint.it

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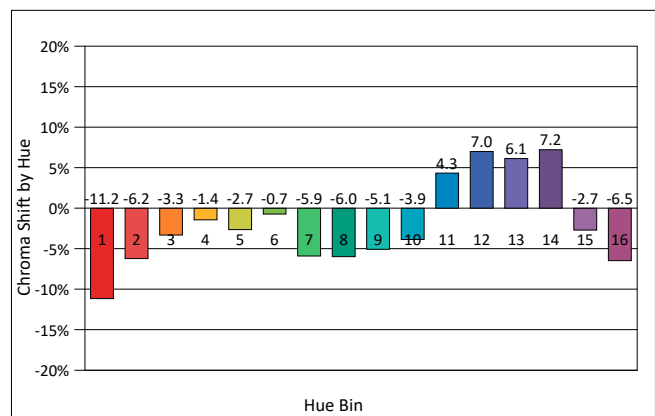
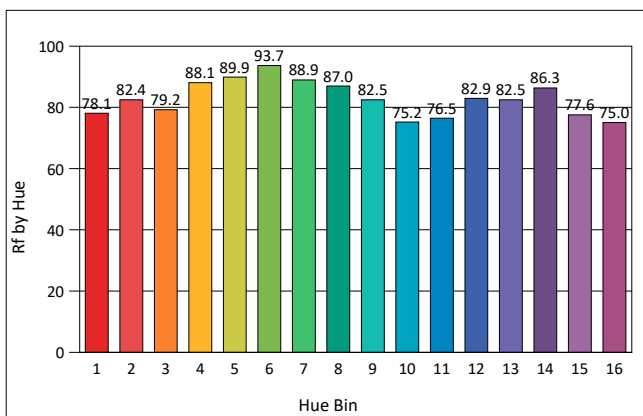
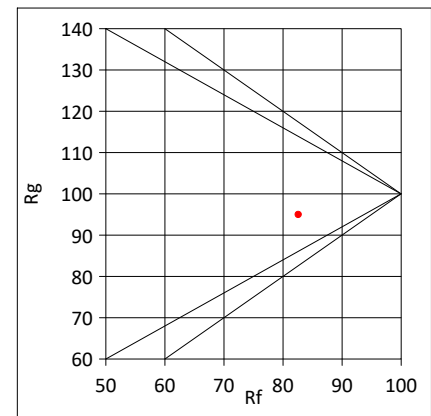
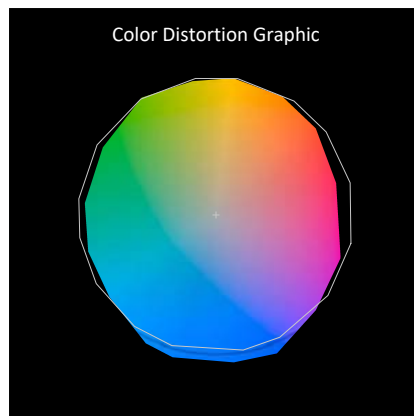
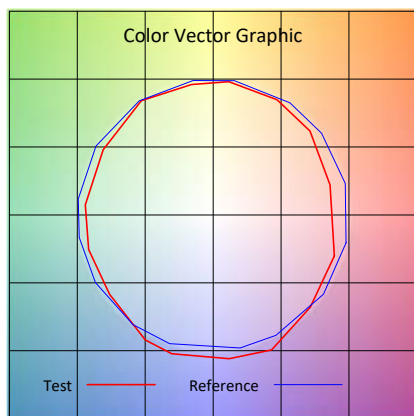
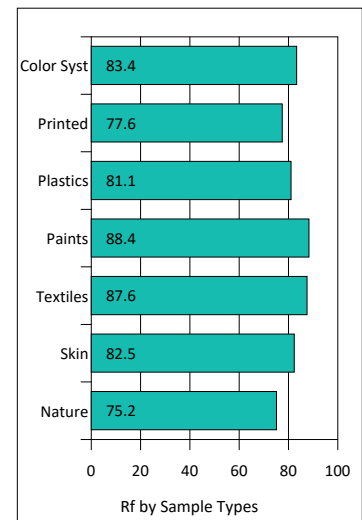
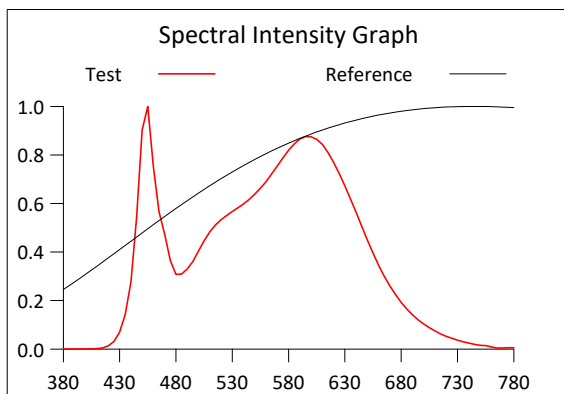
Manufacturer : -

Humidity : -%

Test Date : 2023-06-20

Rf: 82.6 CCT(K): 3895 u': 0.2291
Rg: 95.0 LER: 324.6 Duv: -0.0037 v': 0.3326

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.1	-11.2%	1.1%
2	82.4	-6.2%	5.9%
3	79.2	-3.3%	9.1%
4	88.1	-1.4%	4.0%
5	89.9	-2.7%	1.7%
6	93.7	-0.7%	-1.4%
7	88.9	-5.9%	-0.6%
8	87.0	-6.0%	3.2%
9	82.5	-5.1%	10.2%
10	75.2	-3.9%	13.1%
11	76.5	4.3%	13.8%
12	82.9	7.0%	2.9%
13	82.5	6.1%	-9.4%
14	86.3	7.2%	-8.5%
15	77.6	-2.7%	-13.4%
16	75.0	-6.5%	-11.1%



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Manufacturer : -

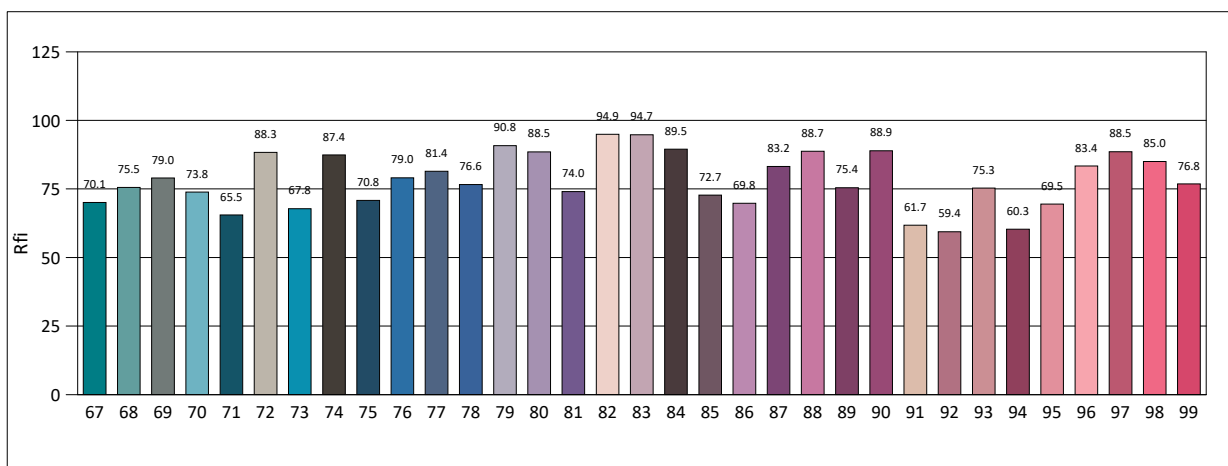
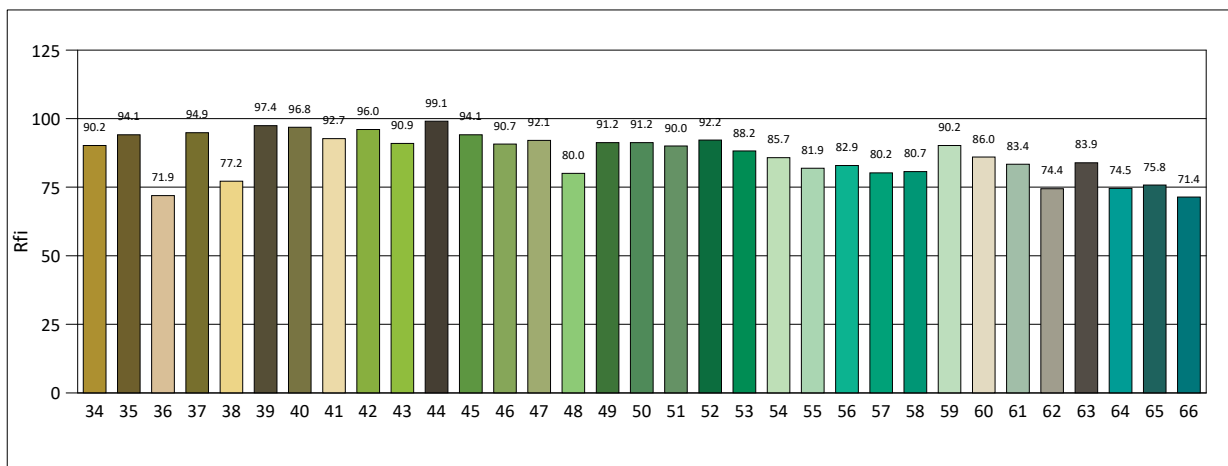
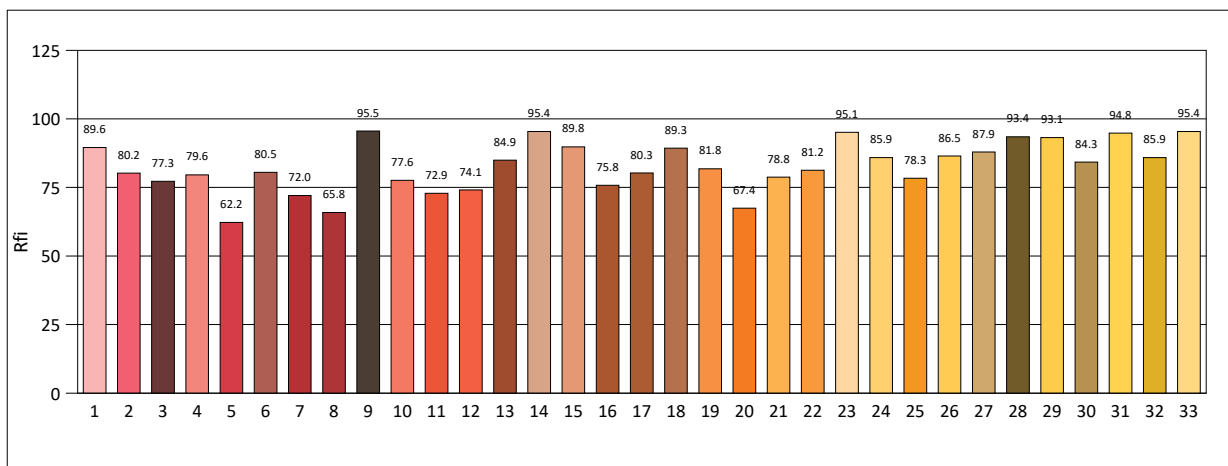
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-20

Remark:



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Manufacturer : -

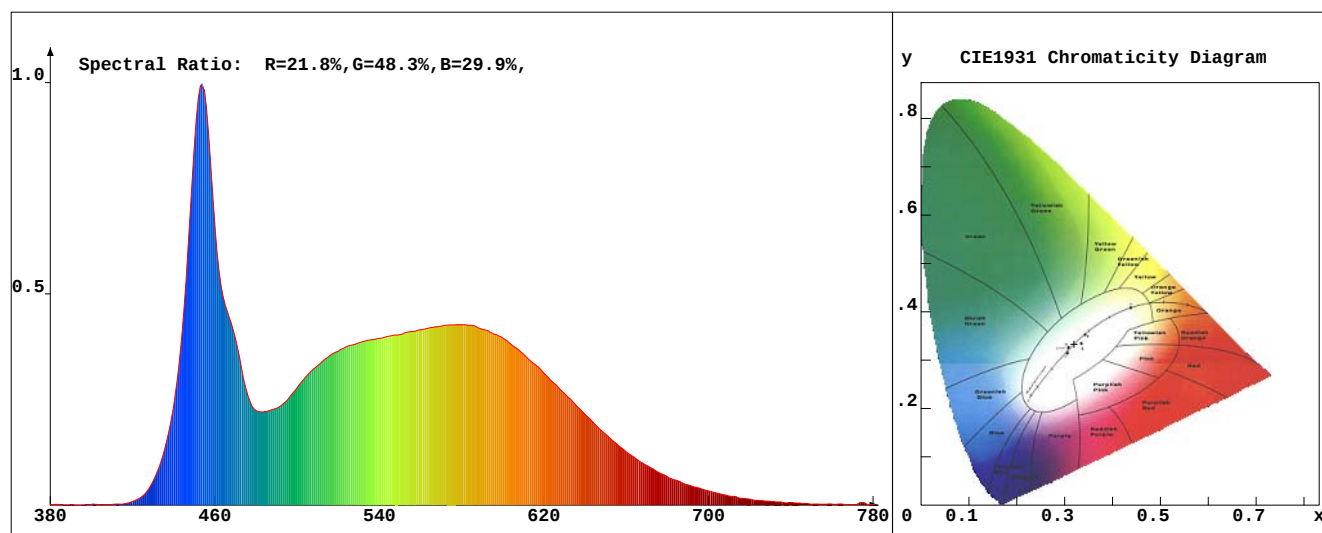
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-20

Remark:



Chroma Parameters

Chro.Coor.:x=0.3196 y=0.3330 u=0.2011 v=0.3143 duv=0.0019

CCT: 6123K Dominant Wave.:491.4nm Purity:4.7% Centre Wave:453.5nm

Flux RGB Ratio:R=13.4%,G=82.5%,B=4.2% Peak Wave:452.8nm Half Width:18.1nm

Rendering Index:Ra= 83.7 CRI= 79.5

R1 =82 R2 =90 R3 =93 R4 =82 R5 =82 R6 =85 R7 =87 R8 =68

R9 =7 R10=76 R11=81 R12=57 R13=85 R14=97 R15=78

PPF:8.716umol/s(400-700nm)

PRF:1.9mW(400-700nm)

PAR:1.6mW(400-700nm)

Photo Parameters

Flux:663.33lm Effi.:130.7lm/W Radiant:1950.2mW Iv:0.0mcd

Scotopic Flux:1462.0Plm Effi.:0.0Plm/W S/P:2.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8816.070umol/s(380-780nm)

Ele. Parameters

Forward Current:If=420.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.08V

Reverse Current:Ir=0.00uA

Power:P=5.080W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 127.272ms

VPeak: 13544

VDark: 1318

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

Product Mark

Product Type : F52-CCT-156821-W5 CW

Temperature : 'C

Operator : -

Remark:

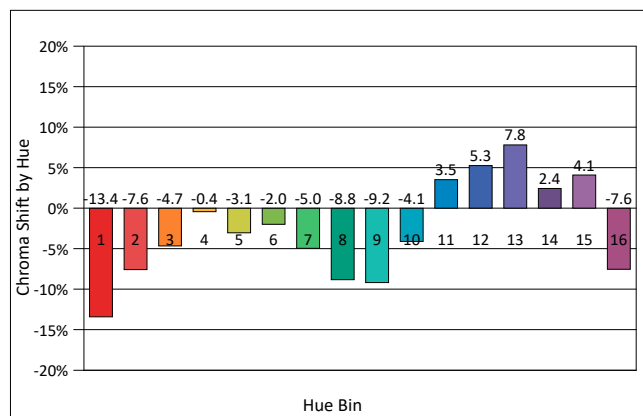
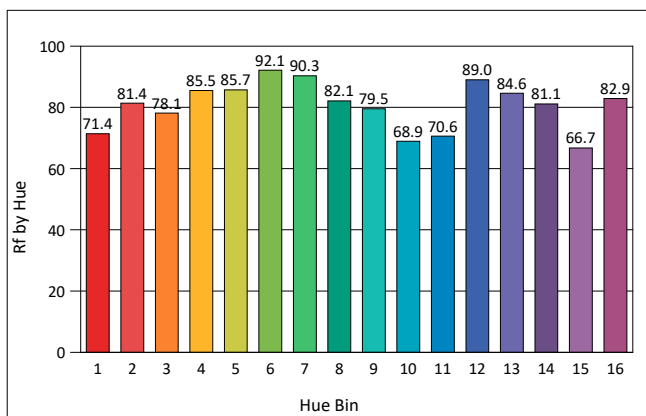
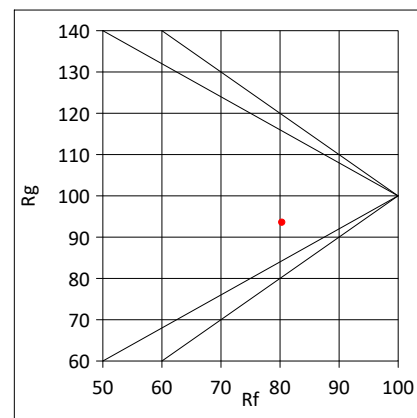
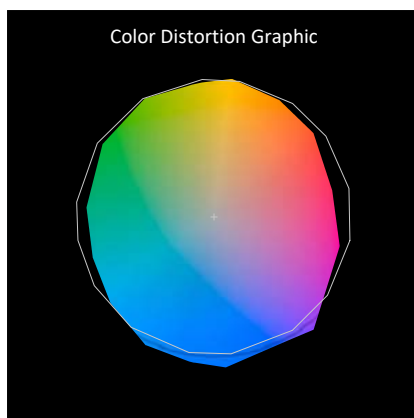
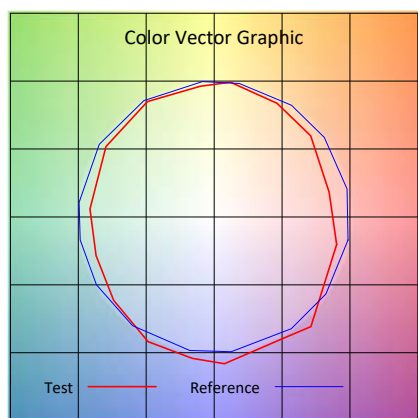
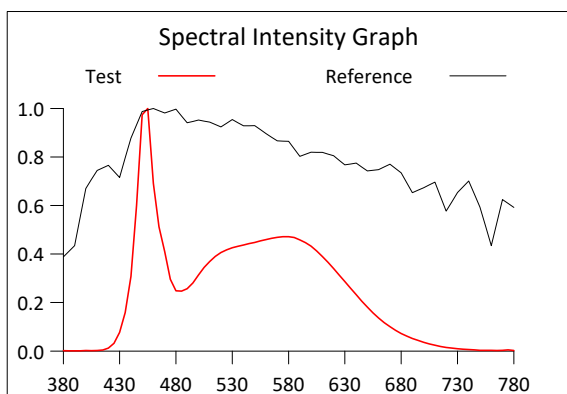
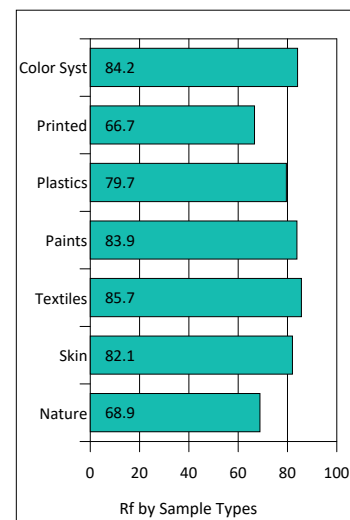
Manufacturer : -

Humidity : -%

Test Date : 2023-06-20

Rf: 80.3 CCT(K): 6123 u': 0.2011
 Rg: 93.6 LER: 316.0 Duv: 0.0019 v': 0.3143

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	71.4	-13.4%	0.3%
2	81.4	-7.6%	6.6%
3	78.1	-4.7%	9.6%
4	85.5	-0.4%	6.6%
5	85.7	-3.1%	2.2%
6	92.1	-2.0%	-1.7%
7	90.3	-5.0%	-1.4%
8	82.1	-8.8%	3.2%
9	79.5	-9.2%	13.4%
10	68.9	-4.1%	16.7%
11	70.6	3.5%	16.0%
12	89.0	5.3%	2.9%
13	84.6	7.8%	-6.6%
14	81.1	2.4%	-9.8%
15	66.7	4.1%	-26.1%
16	82.9	-7.6%	-4.8%



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Manufacturer : -

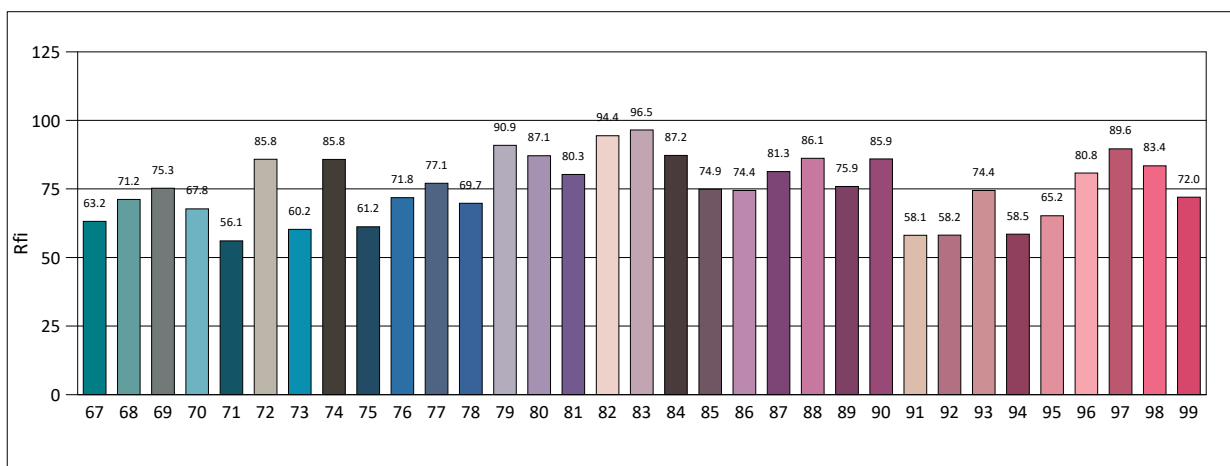
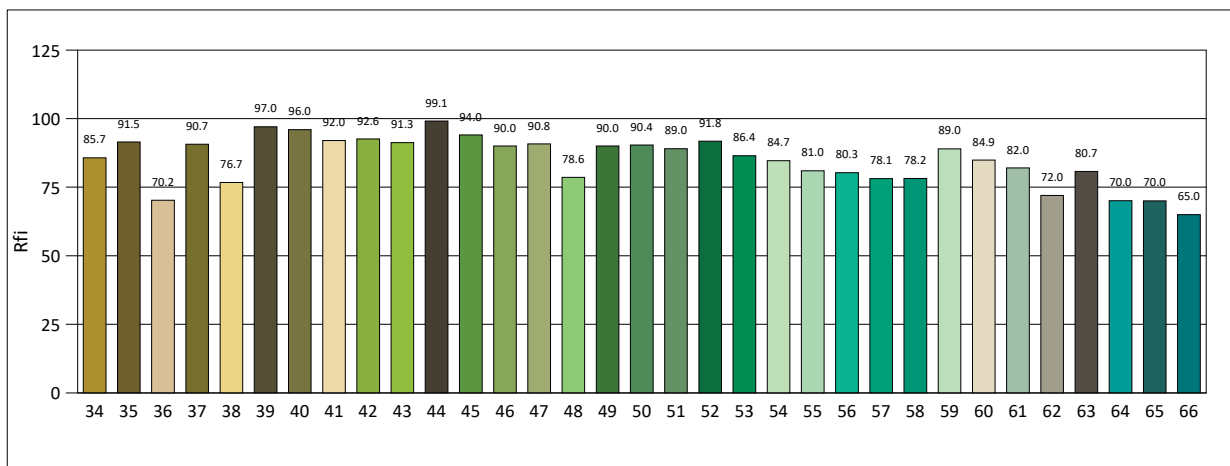
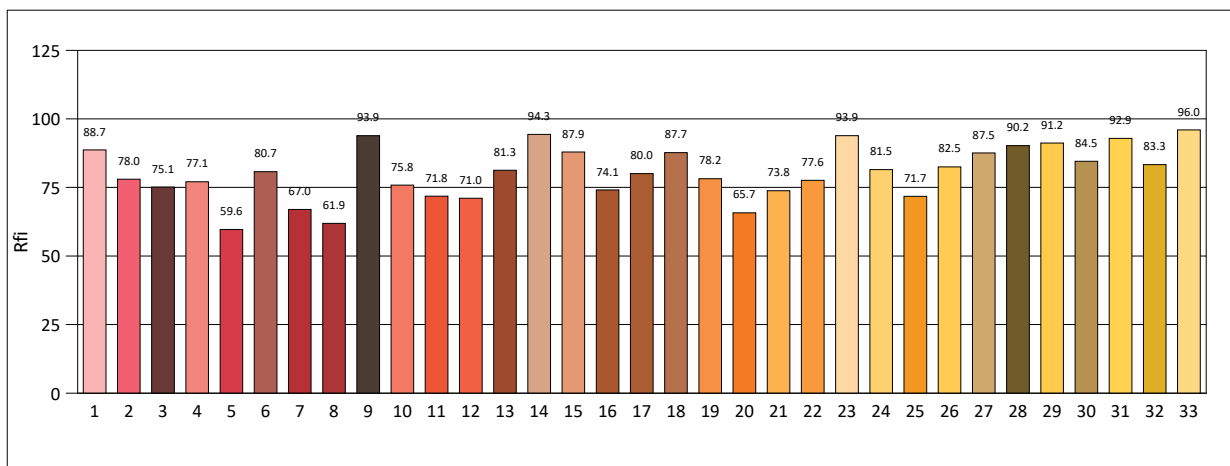
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-20

Remark:



LED Test Report

Product Mark

Product Type : F52-CCT-156821-W5 WW

Manufacturer : -

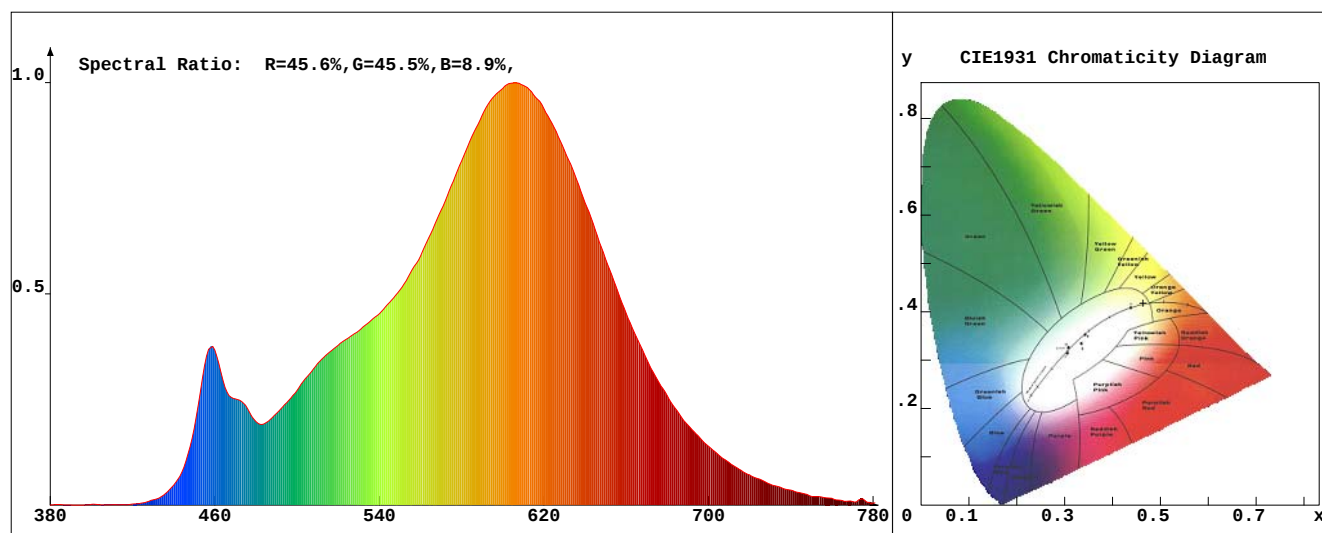
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4637$ $y=0.4182$ $u=0.2616$ $v=0.3539$ $duv=0.0025$

CCT: 2705K Dominant Wave.: 583.4nm Purity: 64.7% Centre Wave: 601.5nm

Flux RGB Ratio: R=23.9%, G=74.6%, B=1.6% Peak Wave: 604.8nm Half Width: 107.6nm

Rendering Index: Ra= 80.7 CRI= 78.6

R1 =79 R2 =92 R3 =93 R4 =78 R5 =80 R6 =93 R7 =79 R8 =52

R9 =-1 R10=83 R11=77 R12=74 R13=82 R14=96 R15=70

PPF: 8.217 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.7mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 612.03lm Effi.: 116.4lm/W Radiant: 1729.8mW Iv: 0.0mcd

Scotopic Flux: 752.9Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8495.250 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=436.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=12.06V

Reverse Current: Ir=0.00uA

Power: P=5.270W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 262.355ms

VPeak: 14440

VDark: 1347

Scan Range: 380-780nm

Product ID: 201508924

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Temperature : 'C

Operator : -

Remark:

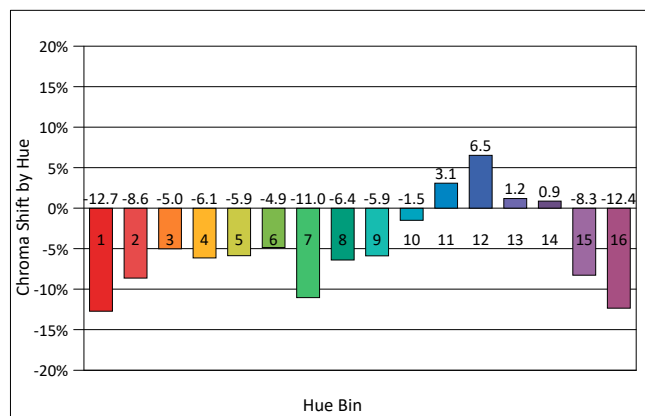
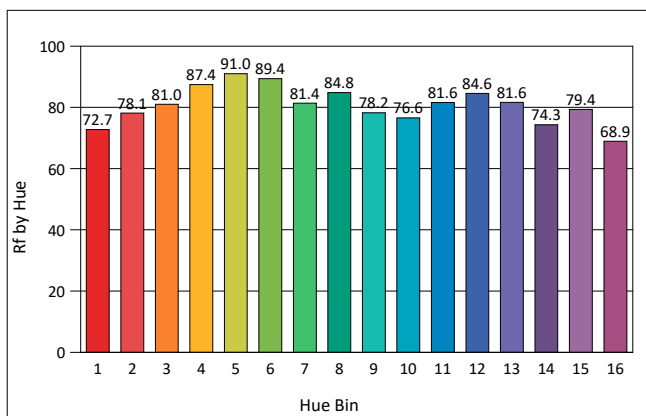
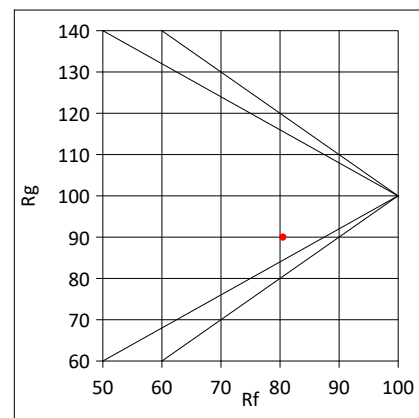
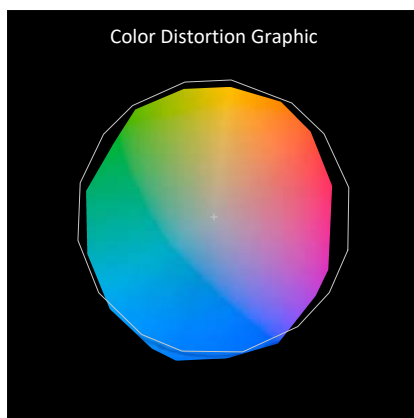
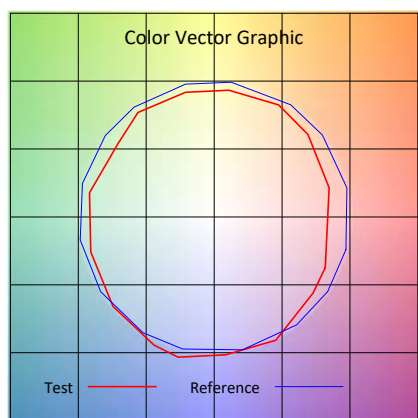
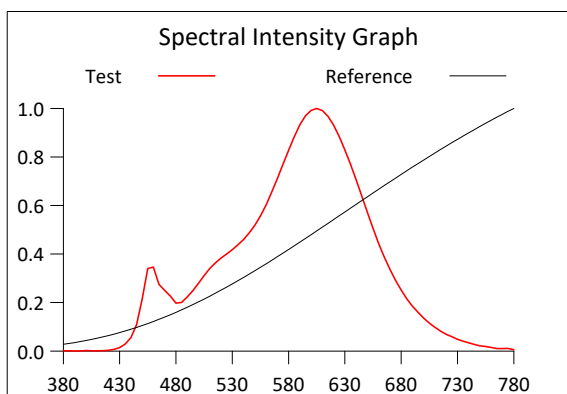
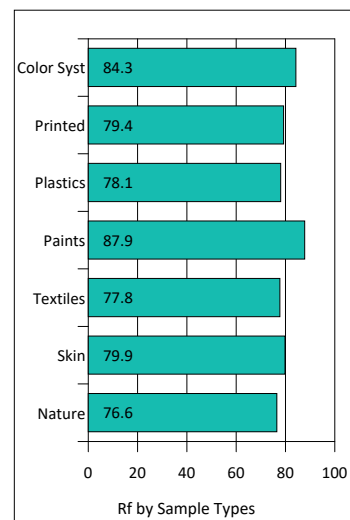
Manufacturer : -

Humidity : -%

Test Date : 2023-06-20

Rf: 80.5 CCT(K): 2705 u': 0.2616
 Rg: 90.0 LER: 335.3 Duv: 0.0025 v': 0.3539

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.7	-12.7%	2.7%
2	78.1	-8.6%	6.2%
3	81.0	-5.0%	7.3%
4	87.4	-6.1%	0.4%
5	91.0	-5.9%	1.1%
6	89.4	-4.9%	-0.4%
7	81.4	-11.0%	-0.2%
8	84.8	-6.4%	5.8%
9	78.2	-5.9%	10.1%
10	76.6	-1.5%	14.0%
11	81.6	3.1%	12.0%
12	84.6	6.5%	-2.1%
13	81.6	1.2%	-12.6%
14	74.3	0.9%	-19.0%
15	79.4	-8.3%	-6.8%
16	68.9	-12.4%	-15.9%



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