

LED Test Report

Product Mark

Product Type : ORCCT-FA2-6000R2 WW

Manufacturer : -

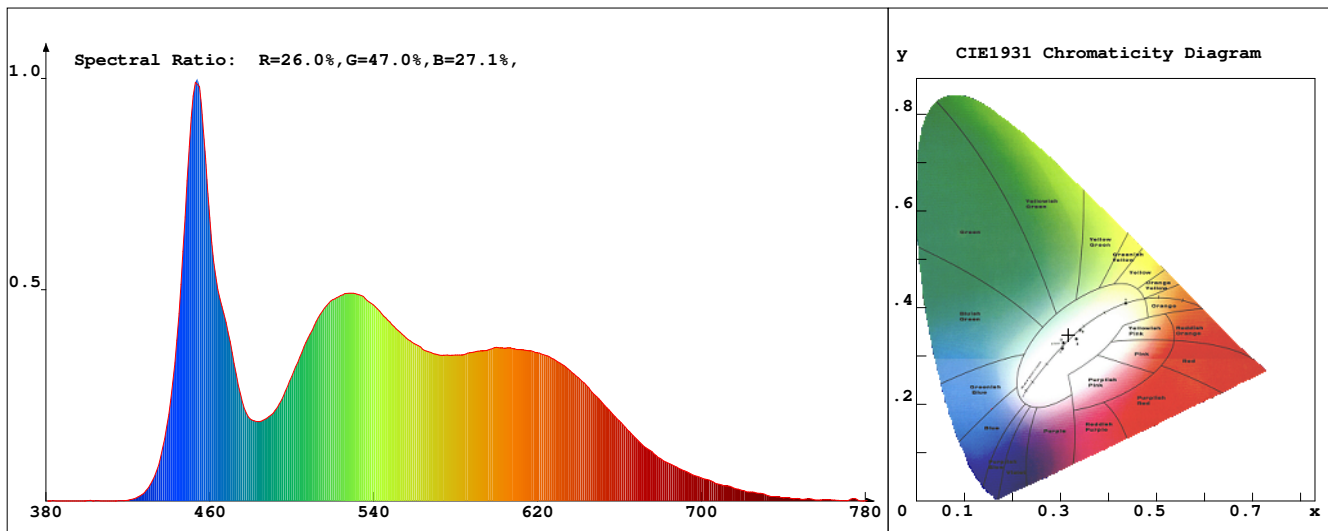
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3164 y=0.3433 u=0.1951 v=0.3175 duv=0.0085

CCT: 6230K Dominant Wave.:499.5nm Purity:5.2% Centre Wave:453.9nm

Flux RGB Ratio:R=14.5%,G=81.6%,B=3.9% Peak Wave:452.8nm Half Width:18.1nm

Rendering Index:Ra= 91.7 CRI= 87.4

R1 =93 R2 =92 R3 =91 R4 =93 R5 =91 R6 =89 R7 =97 R8 =88

R9 =61 R10=81 R11=91 R12=58 R13=93 R14=95 R15=89

PPF:8.322umol/s (400-700nm)

PRF:1.8mW (400-700nm)

PAR:1.5mW (400-700nm)

Photo Parameters

Flux:607.35lm Effi.:81.1lm/W Radiant:1854.4mW Iv:0.0mcd

Scotopic Flux:1392.8Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8469.390umol/s (380-780nm)

Ele. Parameters

Forward Current:If=312.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=7.510W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 137.135ms

VPeak: 13656

VDark: 1330

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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Operator : -

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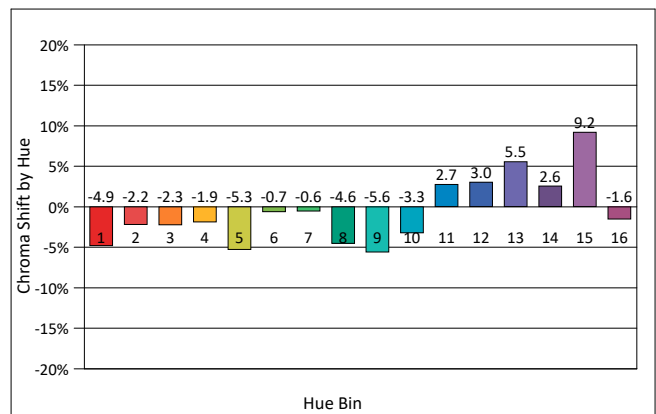
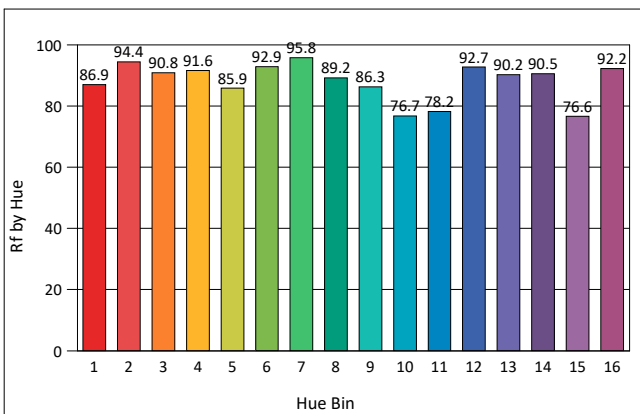
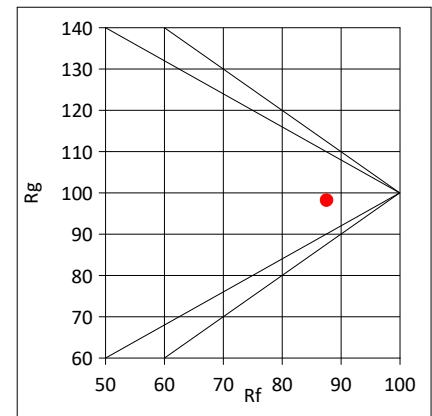
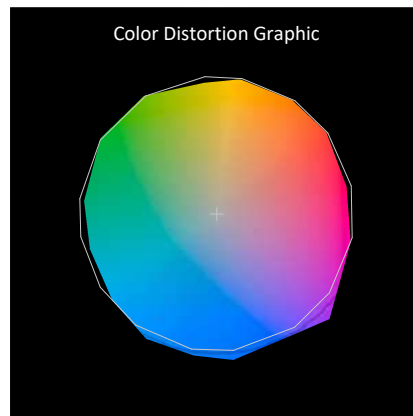
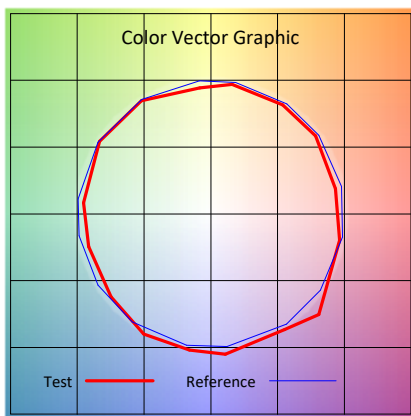
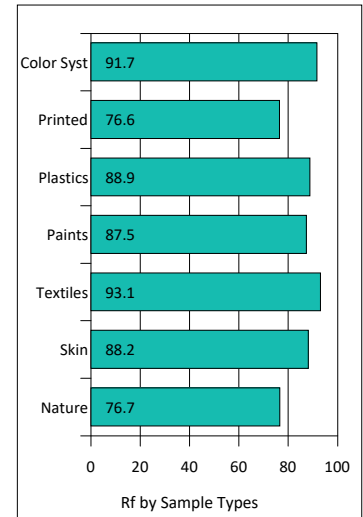
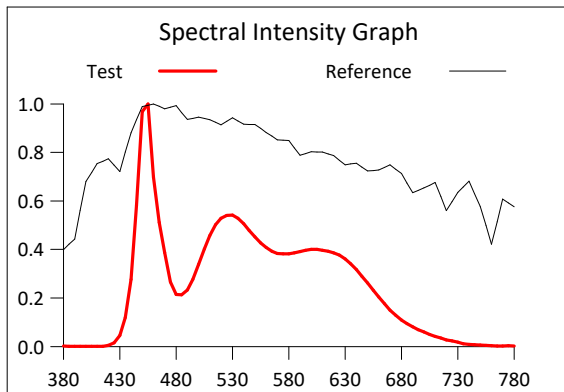
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 87.6 CCT(K): 6230 u': 0.1951
 Rg: 98.2 LER: 306.6 Duv: 0.0085 v': 0.3175

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.9	-4.9%	-0.7%
2	94.4	-2.2%	0.9%
3	90.8	-2.3%	2.2%
4	91.6	-1.9%	2.2%
5	85.9	-5.3%	0.7%
6	92.9	-0.7%	0.7%
7	95.8	-0.6%	-1.1%
8	89.2	-4.6%	2.0%
9	86.3	-5.6%	9.2%
10	76.7	-3.3%	12.8%
11	78.2	2.7%	12.1%
12	92.7	3.0%	3.0%
13	90.2	5.5%	-2.4%
14	90.5	2.6%	-3.5%
15	76.6	9.2%	-15.6%
16	92.2	-1.6%	-2.9%



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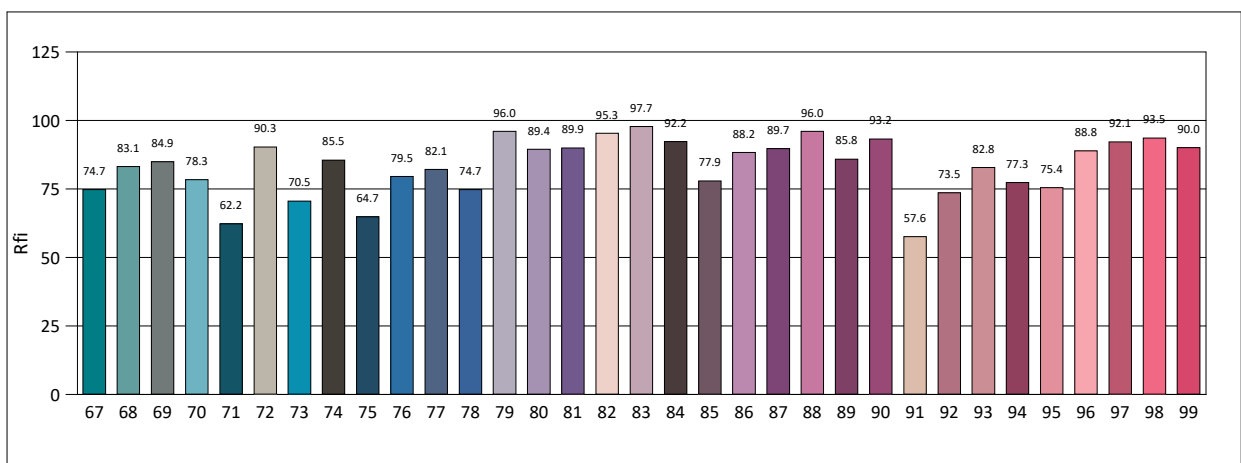
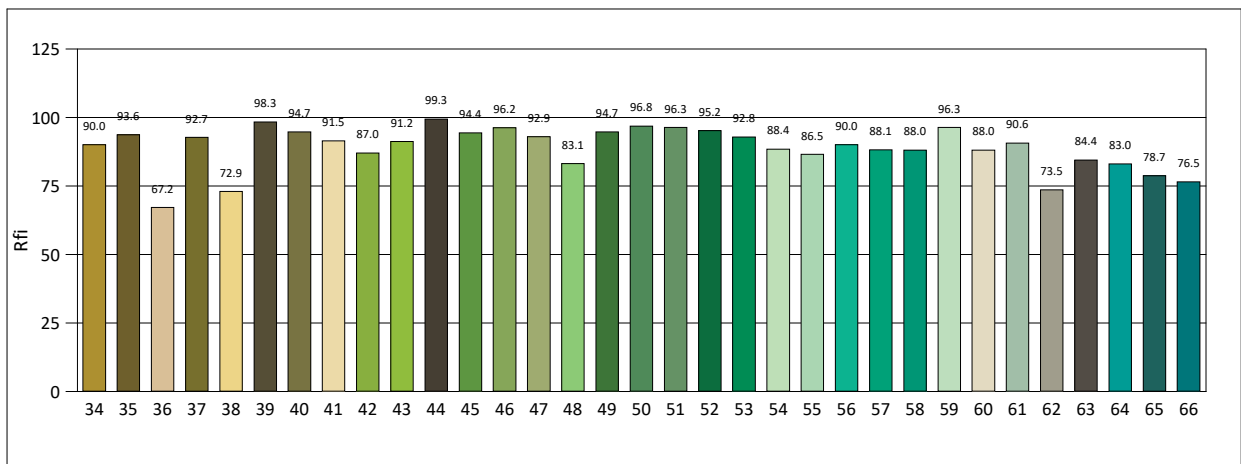
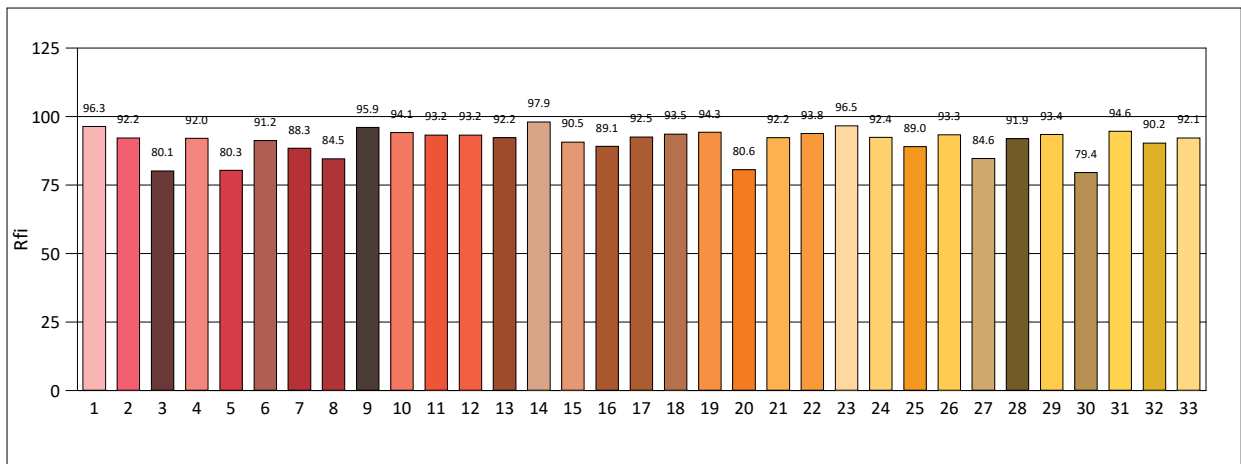
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

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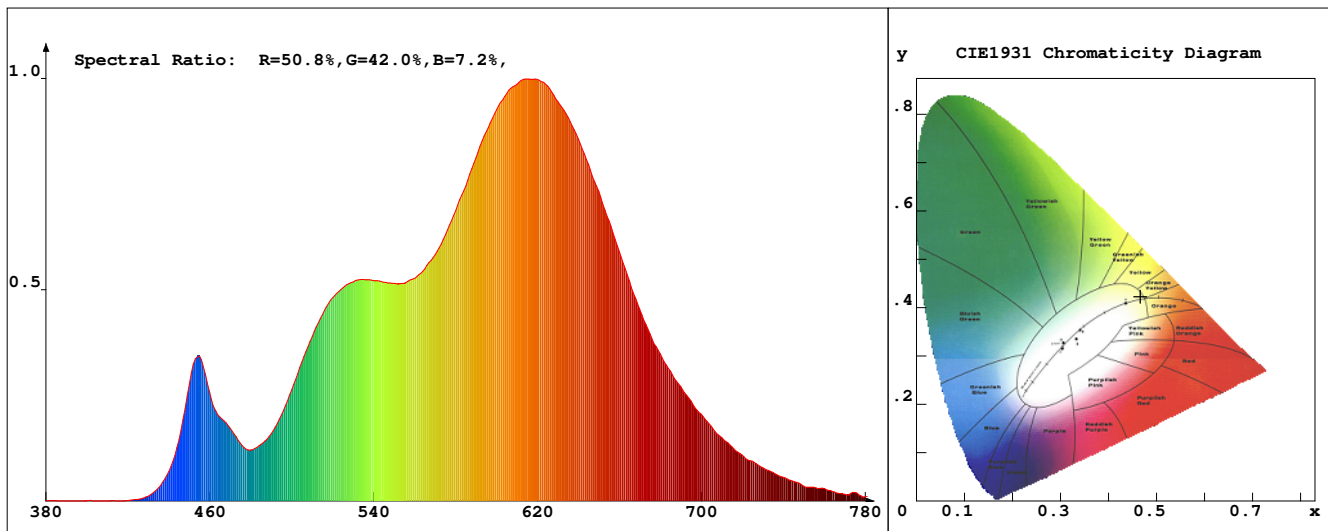
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4662$ $y=0.4227$ $u=0.2612$ $v=0.3552$ $duv=0.0039$

CCT: 2705K Dominant Wave.: 583.0nm Purity: 66.8% Centre Wave: 594.5nm

Flux RGB Ratio: R=25.6%, G=73.2%, B=1.2% Peak Wave: 614.6nm Half Width: 141.3nm

Rendering Index: Ra= 92.5 CRI= 89.7

R1 =93 R2 =96 R3 =99 R4 =96 R5 =93 R6 =98 R7 =90 R8 =75

R9 =42 R10=90 R11=99 R12=80 R13=94 R14=98 R15=84

PPF: 6.742 μ mol/s (400-700nm)

PRF: 1.4mW (400-700nm)

PAR: 1.2mW (400-700nm)

Photo Parameters

Flux: 465.88lm Effi.: 62.0lm/W Radiant: 1425.6mW Iv: 0.0mcd

Scotopic Flux: 586.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 7079.730 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: If=313.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.02V

Reverse Current: Ir=0.00uA

Power: P=7.531W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 344.762ms

VPeak: 14728

VDark: 1400

Scan Range: 380-780nm

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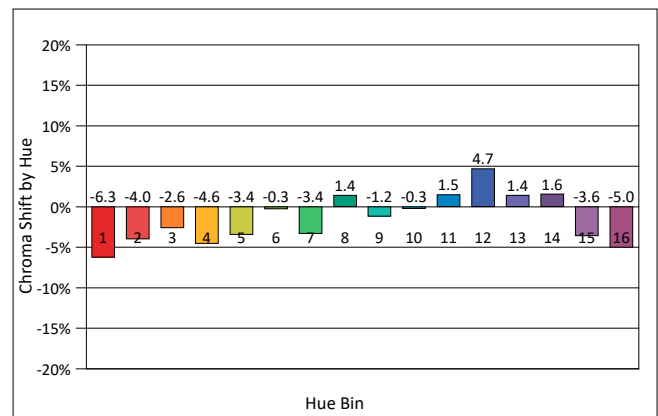
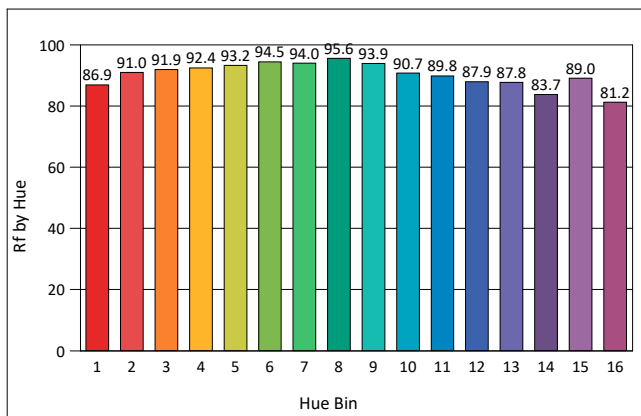
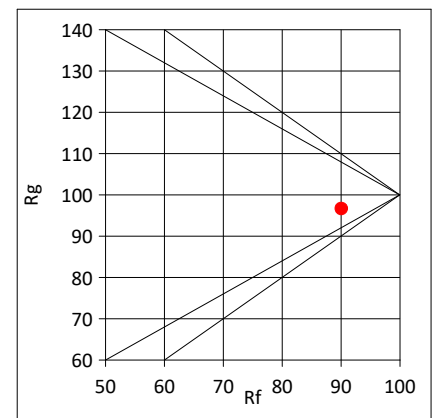
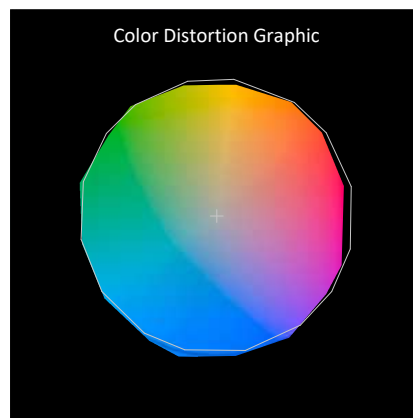
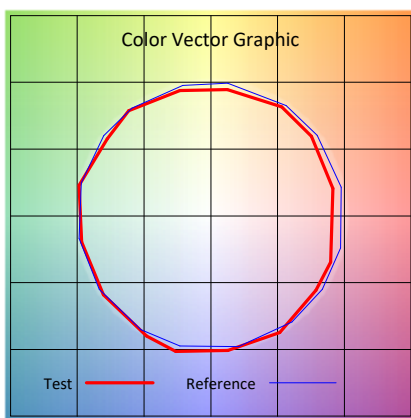
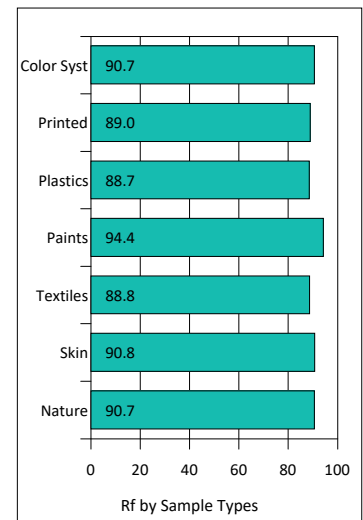
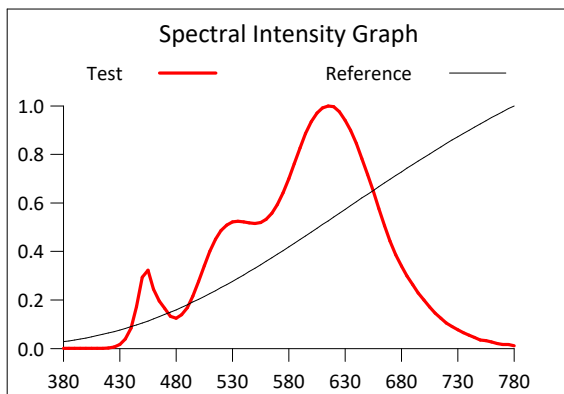
Manufacturer : -

Humidity : -%

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Rf: 90.1 CCT(K): 2705 u': 0.2612
Rg: 96.6 LER: 313.9 Duv: 0.0039 v': 0.3552

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.9	-6.3%	0.4%
2	91.0	-4.0%	1.7%
3	91.9	-2.6%	2.2%
4	92.4	-4.6%	-0.8%
5	93.2	-3.4%	2.7%
6	94.5	-0.3%	3.3%
7	94.0	-3.4%	0.5%
8	95.6	1.4%	2.1%
9	93.9	-1.2%	2.9%
10	90.7	-0.3%	5.1%
11	89.8	1.5%	6.2%
12	87.9	4.7%	-2.3%
13	87.8	1.4%	-8.3%
14	83.7	1.6%	-12.0%
15	89.0	-3.6%	-3.2%
16	81.2	-5.0%	-11.7%



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