

LED Test Report

Product Mark

Product Type : ORCoCCT-F52-576OR2 WW

Manufacturer : -

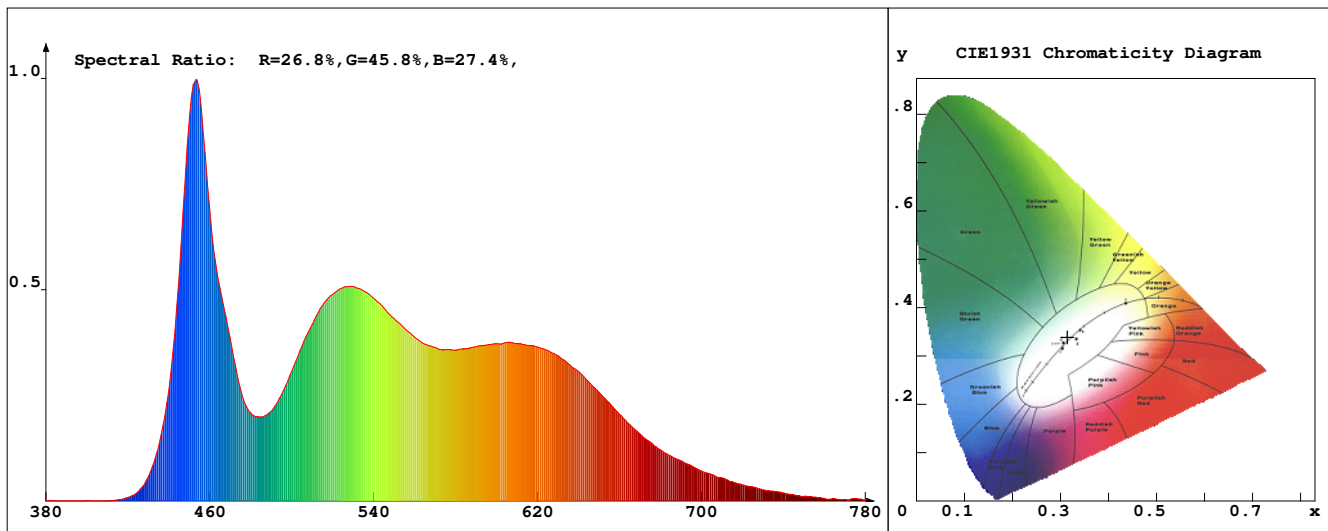
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3146$ $y=0.3386$ $u=0.1956$ $v=0.3158$ $duv=0.0071$

CCT: 6346K Dominant Wave.: 495.4nm Purity: 6.0% Centre Wave: 453.8nm

Flux RGB Ratio: R=14.6%, G=81.5%, B=3.9% Peak Wave: 452.2nm Half Width: 20.7nm

Rendering Index: Ra= 92.1 CRI= 88.2

R1 =94 R2 =93 R3 =90 R4 =94 R5 =91 R6 =88 R7 =97 R8 =90

R9 =66 R10=81 R11=91 R12=60 R13=94 R14=94 R15=91

PPF: 10.143 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.2mW (400-700nm)

PAR: 1.9mW (400-700nm)

Photo Parameters

Flux: 718.57lm Effi.: 72.0lm/W Radiant: 2275.1mW Iv: 0.0mcd

Scotopic Flux: 1657.6Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 10412.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=433.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.05V

Reverse Current: Ir=0.00uA

Power: P=10.001W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 141.473ms

VPeak: 15992

VDark: 1369

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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Operator : -

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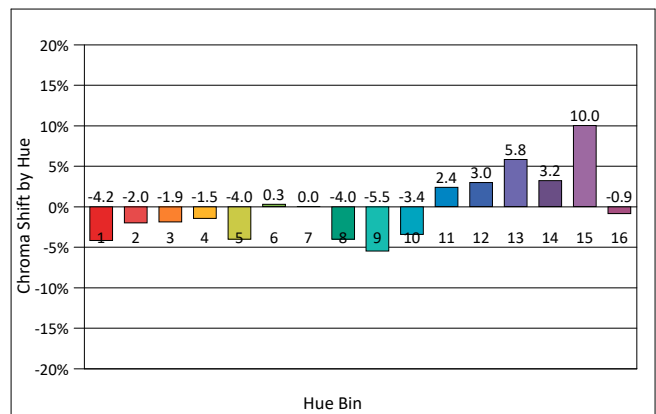
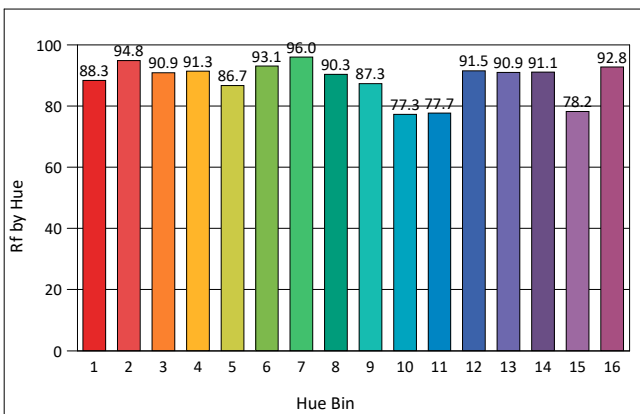
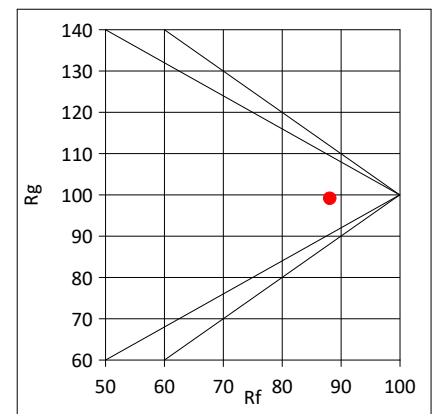
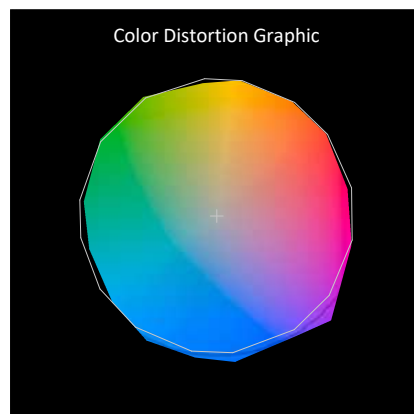
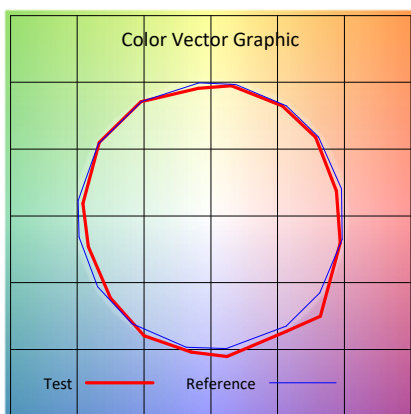
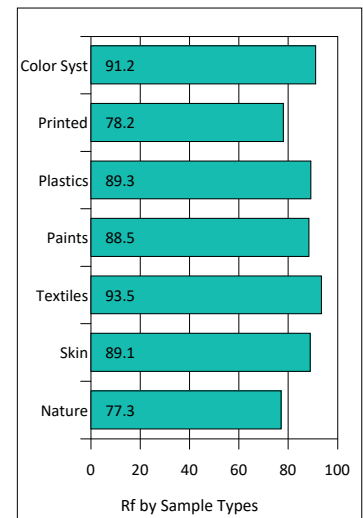
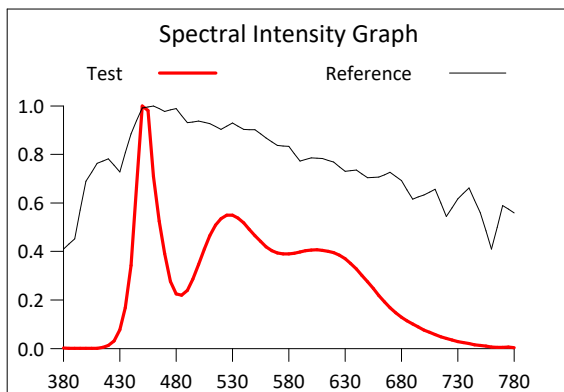
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.1 CCT(K): 6346 u': 0.1956
Rg: 99.1 LER: 299.3 Duv: 0.0071 v': 0.3158

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.3	-4.2%	-0.9%
2	94.8	-2.0%	0.9%
3	90.9	-1.9%	2.6%
4	91.3	-1.5%	3.0%
5	86.7	-4.0%	1.2%
6	93.1	0.3%	0.8%
7	96.0	0.0%	-1.3%
8	90.3	-4.0%	1.4%
9	87.3	-5.5%	8.3%
10	77.3	-3.4%	12.4%
11	77.7	2.4%	12.5%
12	91.5	3.0%	4.1%
13	90.9	5.8%	-0.8%
14	91.1	3.2%	-2.5%
15	78.2	10.0%	-14.1%
16	92.8	-0.9%	-3.0%



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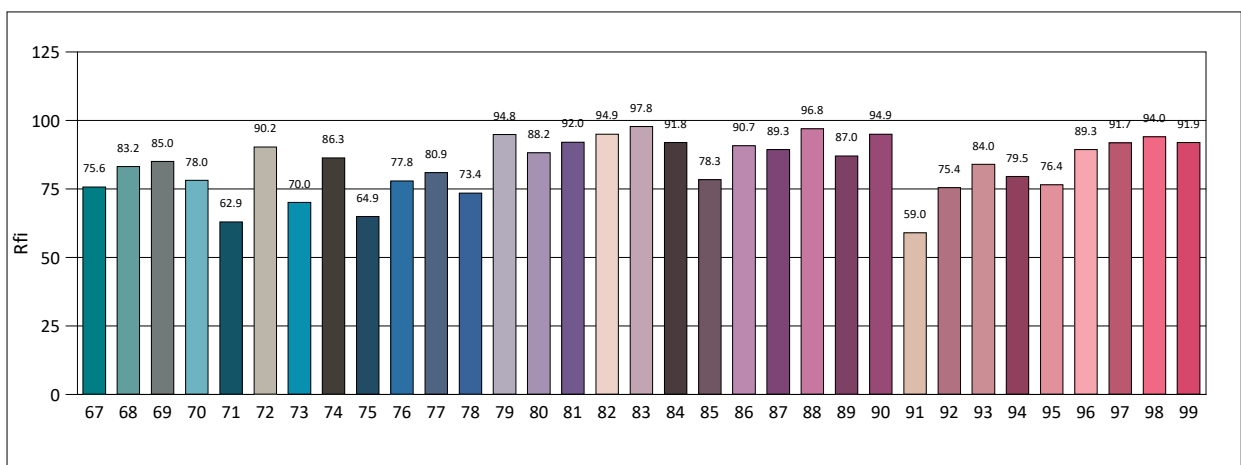
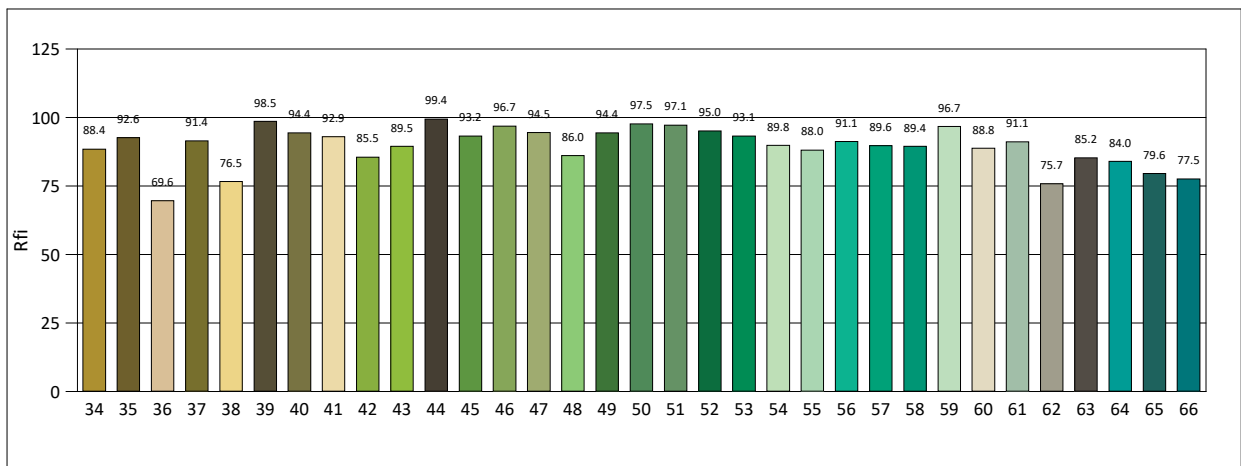
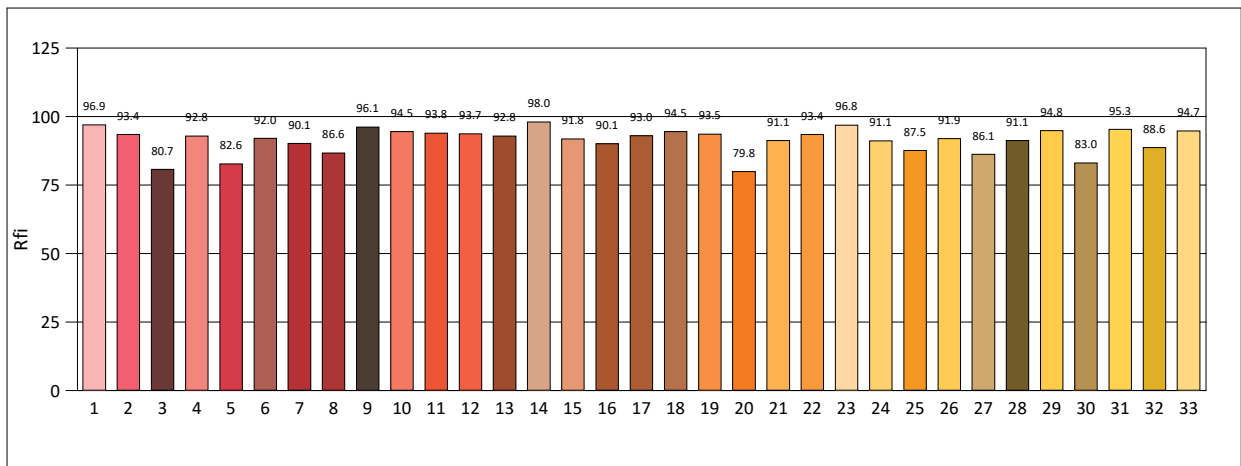
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Humidity : -%

Operator : -

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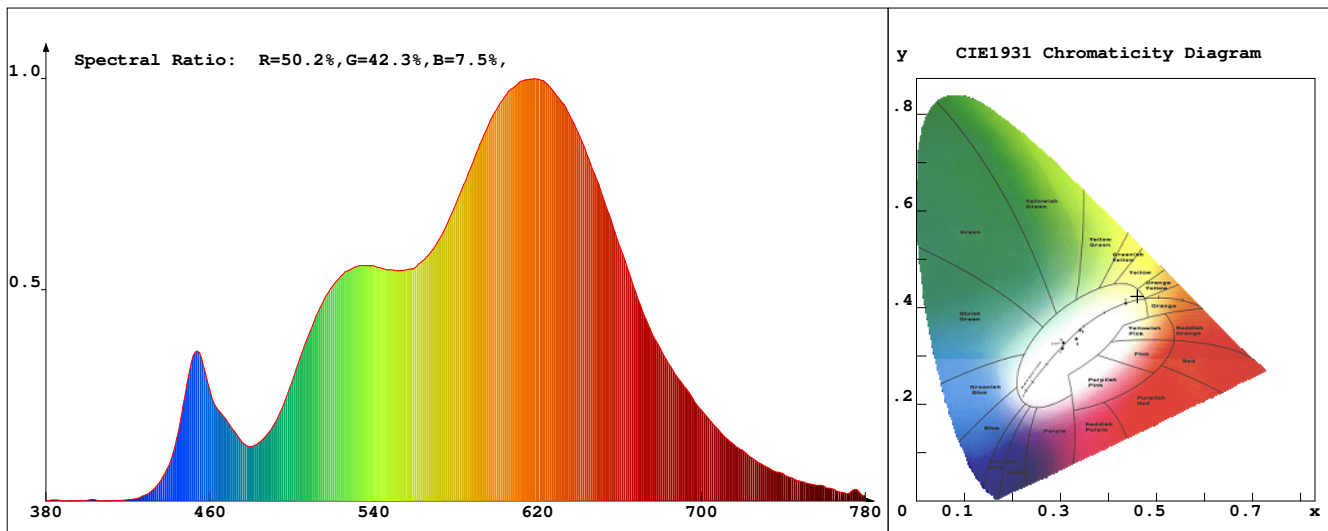
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4605$ $y=0.4233$ $u=0.2573$ $v=0.3548$ $duv=0.0046$

CCT: 2789K Dominant Wave.: 582.4nm Purity: 65.3% Centre Wave: 592.2nm

Flux RGB Ratio: R=25.0%, G=73.8%, B=1.2% Peak Wave: 618.5nm Half Width: 148.2nm

Rendering Index: Ra= 92.9 CRI= 89.8

R1 =94 R2 =96 R3 =97 R4 =97 R5 =93 R6 =97 R7 =92 R8 =78

R9 =46 R10=89 R11=98 R12=79 R13=95 R14=97 R15=85

PPF: 8.024 μ mol/s (400-700nm)

PRF: 1.6mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 553.60lm Effi.: 55.4lm/W Radiant: 1704.6mW Iv: 0.0mcd

Scotopic Flux: 714.4Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8456.100 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: If=428.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.33V

Reverse Current: Ir=0.00uA

Power: P=10.001W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 260.882ms

VPeak: 13240

VDark: 1392

Scan Range: 380-780nm

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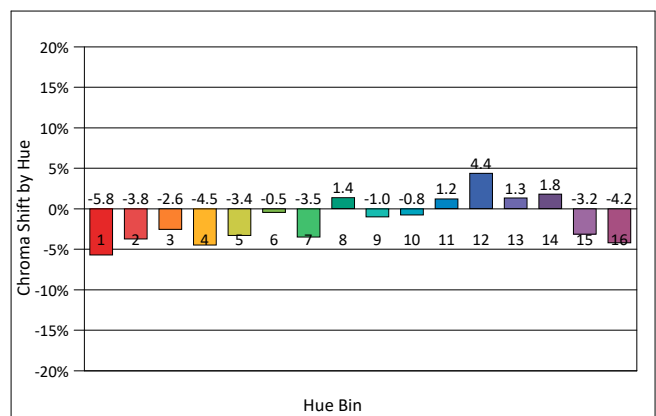
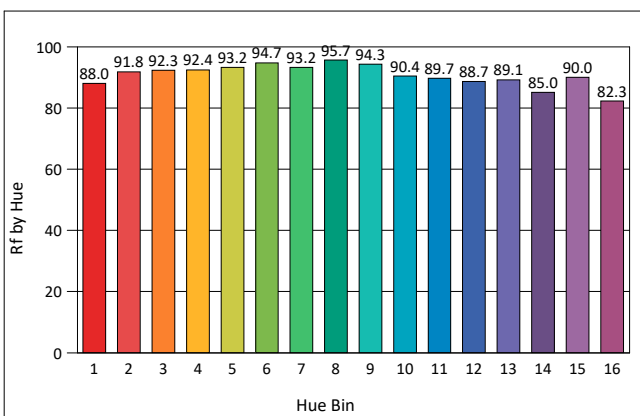
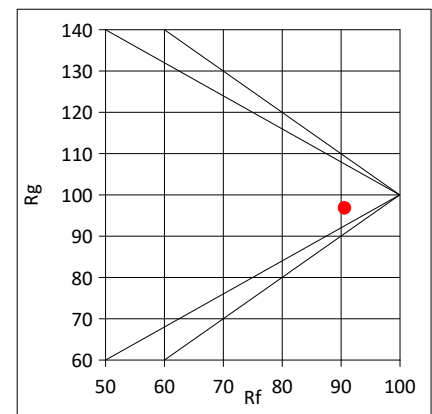
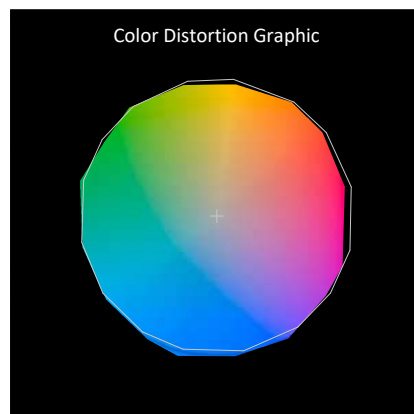
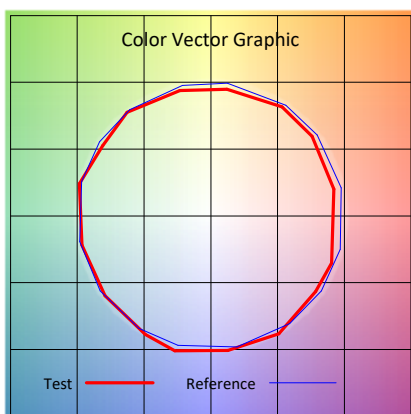
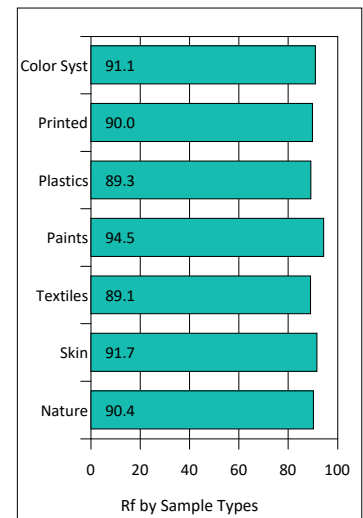
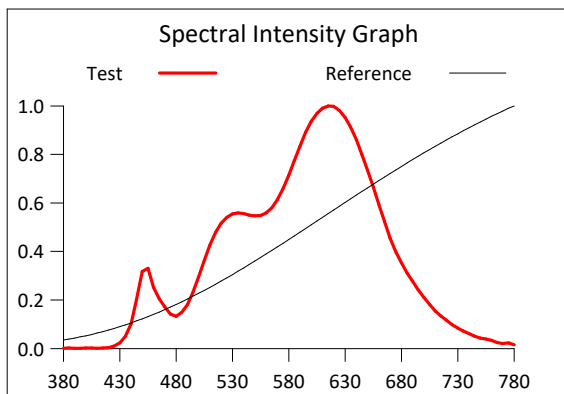
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Rf: 90.6 CCT(K): 2789 u': 0.2573
 Rg: 96.8 LER: 313.1 Duv: 0.0046 v': 0.3548

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.0	-5.8%	0.2%
2	91.8	-3.8%	1.3%
3	92.3	-2.6%	1.8%
4	92.4	-4.5%	-0.7%
5	93.2	-3.4%	2.8%
6	94.7	-0.5%	2.6%
7	93.2	-3.5%	1.0%
8	95.7	1.4%	2.0%
9	94.3	-1.0%	2.9%
10	90.4	-0.8%	5.1%
11	89.7	1.2%	6.4%
12	88.7	4.4%	-1.5%
13	89.1	1.3%	-7.3%
14	85.0	1.8%	-10.8%
15	90.0	-3.2%	-2.9%
16	82.3	-4.2%	-11.4%



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