

LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W8 WC

Manufacturer : -

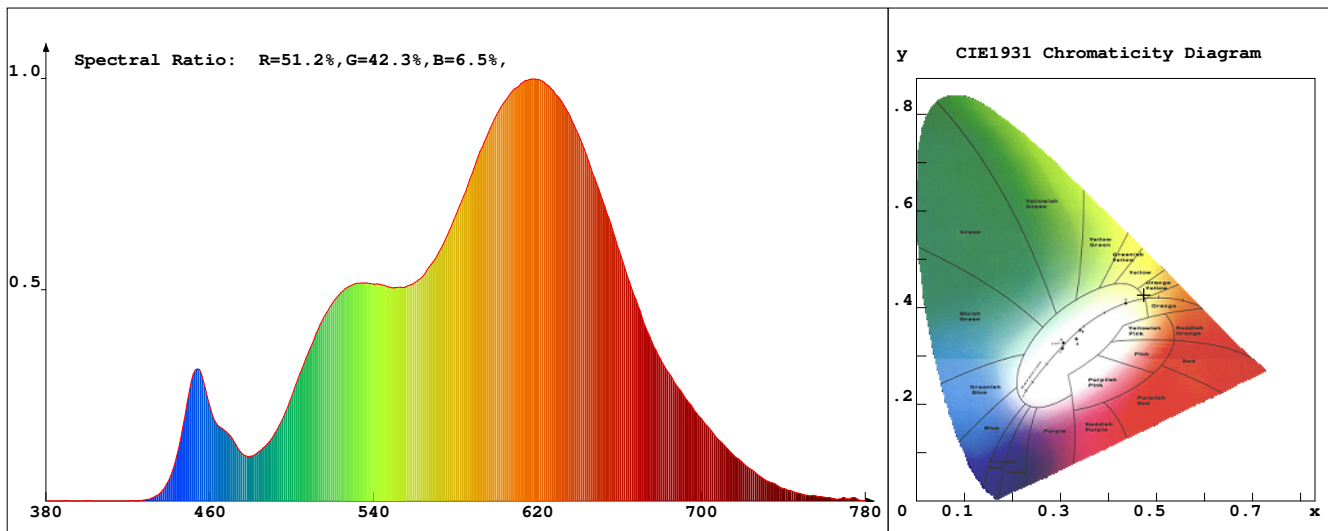
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark:



Chroma Parameters

Chro.Coord.: x=0.4734 y=0.4264 u=0.2641 v=0.3568 duv=0.0046

CCT: 2639K Dominant Wave.: 583.2nm Purity: 70.1% Centre Wave: 607.4nm

Flux RGB Ratio: R=26.0%, G=72.9%, B=1.1% Peak Wave: 617.5nm Half Width: 115.5nm

Rendering Index: Ra= 90.8 CRI= 87.4

R1 =90 R2 =92 R3 =95 R4 =99 R5 =95 R6 =96 R7 =87 R8 =72

R9 =40 R10=85 R11=96 R12=79 R13=90 R14=96 R15=81

PPF: 7.138umol/s (400-700nm)

PRF: 1.4mW (400-700nm)

PAR: 1.3mW (400-700nm)

Photo Parameters

Flux: 494.01lm Effi.: 82.0lm/W Radiant: 1491.3mW Iv: 0.0mcd

Scotopic Flux: 605.2Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 7407.350umol/s (380-780nm)

Ele. Parameters

Forward Current: If=251.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.00V

Reverse Current: Ir=0.00uA

Power: P=6.030W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 262.105ms

VPeak: 12584

VDark: 1415

Scan Range: 380-780nm

Product ID: 201508924

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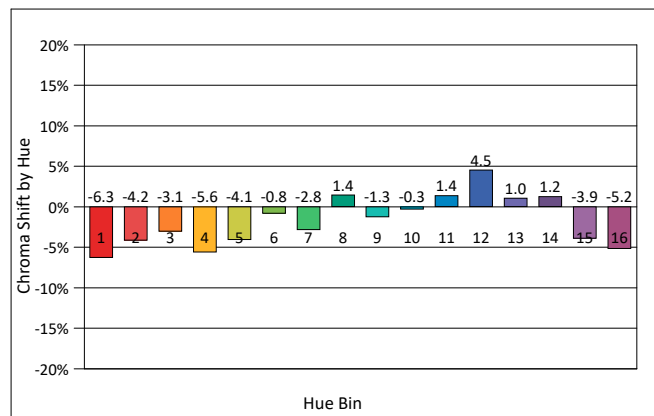
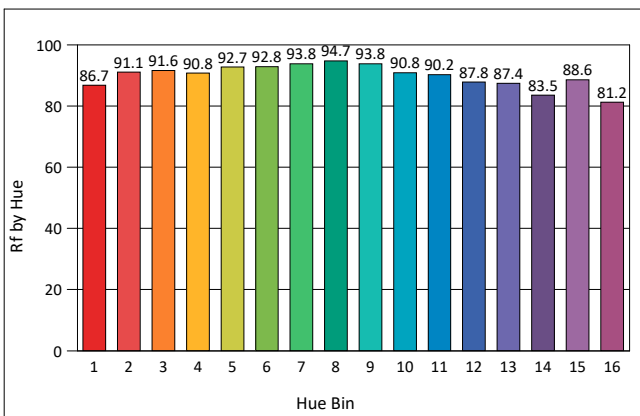
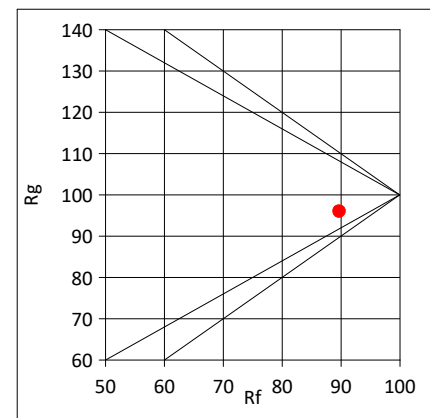
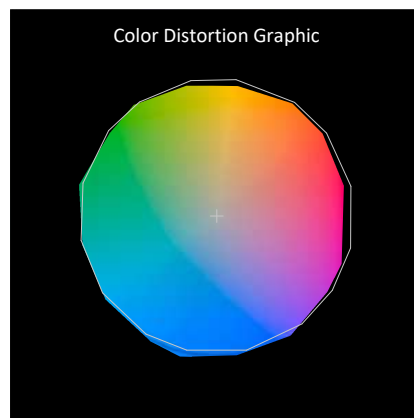
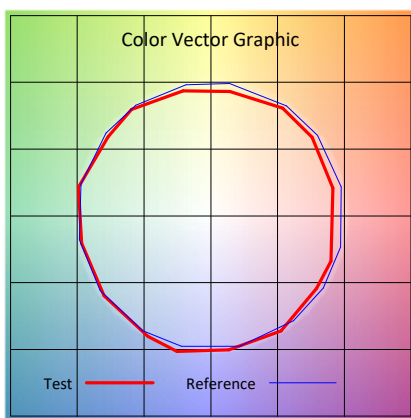
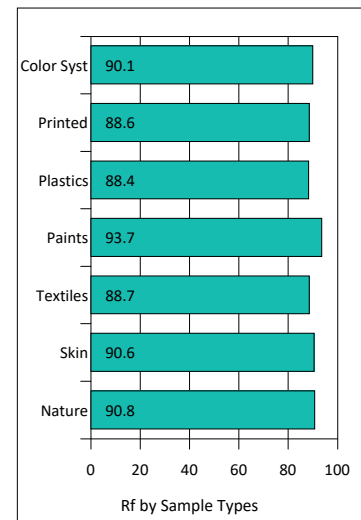
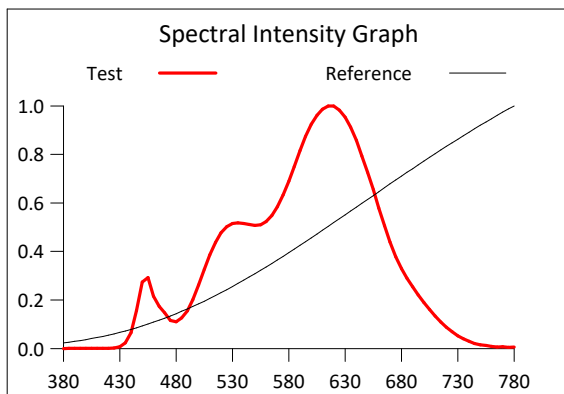
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 89.7 CCT(K): 2639 u': 0.2641
 Rg: 96.0 LER: 318.0 Duv: 0.0046 v': 0.3568

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.7	-6.3%	0.3%
2	91.1	-4.2%	1.2%
3	91.6	-3.1%	1.5%
4	90.8	-5.6%	-1.5%
5	92.7	-4.1%	2.8%
6	92.8	-0.8%	4.4%
7	93.8	-2.8%	1.4%
8	94.7	1.4%	2.6%
9	93.8	-1.3%	3.0%
10	90.8	-0.3%	4.9%
11	90.2	1.4%	5.9%
12	87.8	4.5%	-2.7%
13	87.4	1.0%	-8.6%
14	83.5	1.2%	-12.1%
15	88.6	-3.9%	-3.0%
16	81.2	-5.2%	-11.6%



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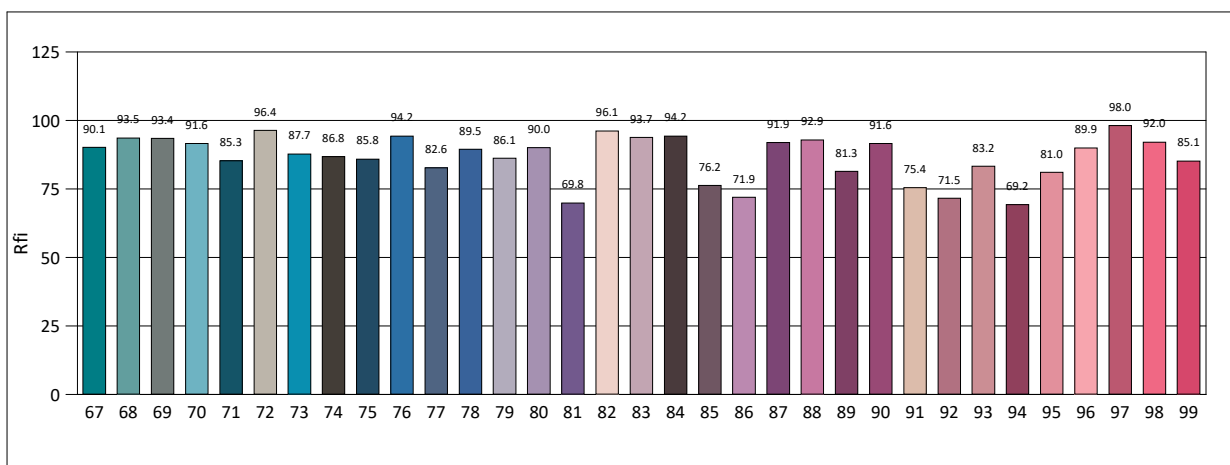
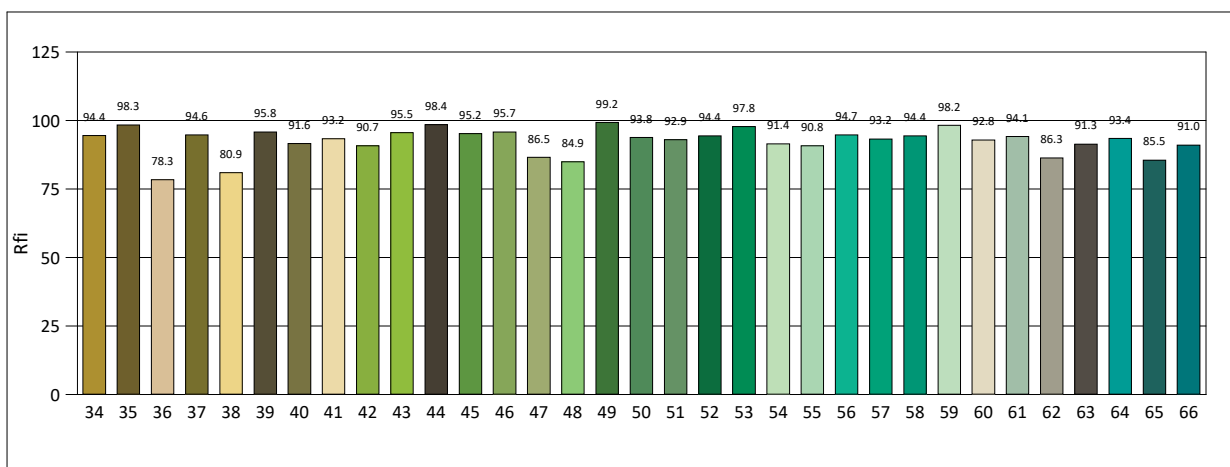
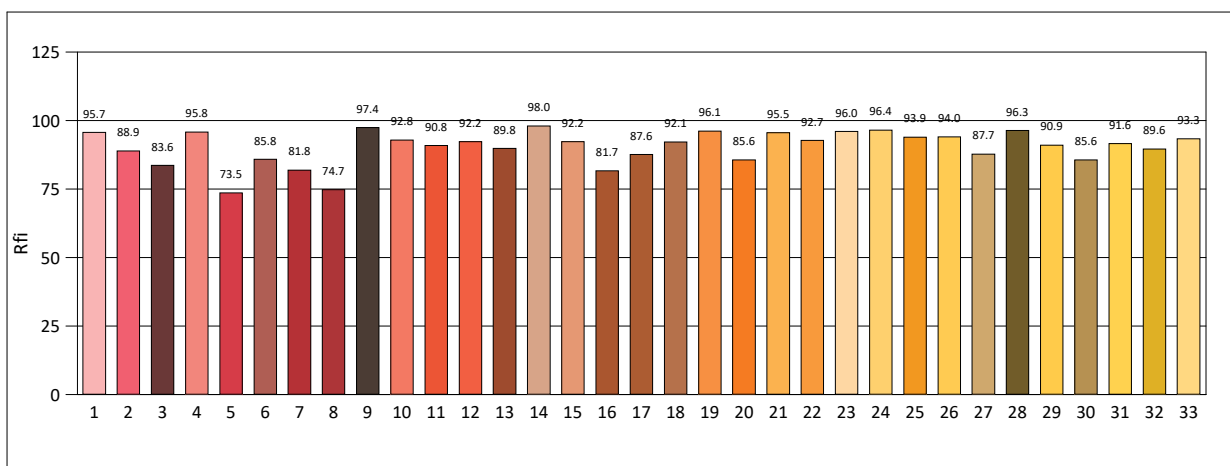
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W8 WW

Manufacturer : -

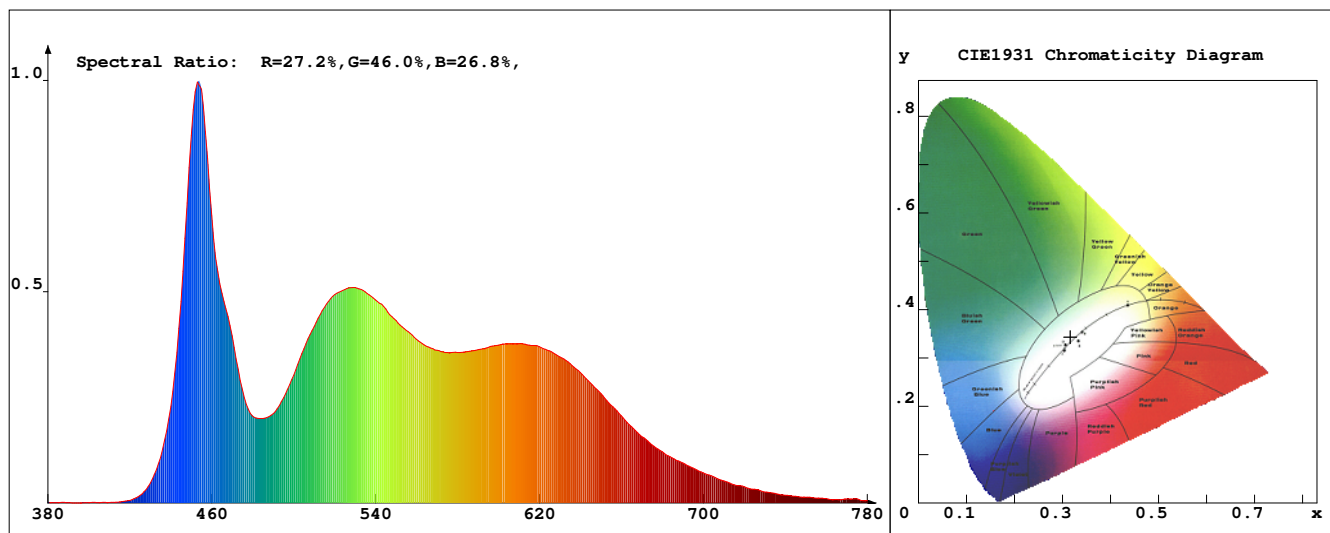
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coor.:x=0.3166 y=0.3431 u=0.1953 v=0.3175 duv=0.0084

CCT: 6222K Dominant Wave.:499.4nm Purity:5.2% Centre Wave:453.9nm

Flux RGB Ratio:R=14.7%,G=81.4%,B=3.9% Peak Wave:452.8nm Half Width:19.3nm

Rendering Index:Ra= 92.4 CRI= 88.6

R1 =95 R2 =94 R3 =92 R4 =93 R5 =90 R6 =88 R7 =97 R8 =91

R9 =66 R10=83 R11=91 R12=58 R13=95 R14=95 R15=92

PPF: 8.862 $\mu\text{mol/s}$ (400–700nm) PRF: 1.9mW (400–700nm) PAR: 1.6mW (400–700nm)

Photo Parameters

Flux:628.64lm Effi.:106.5lm/W Radiant:1987.0mW Iv:0.0mcd

Scotopic Flux:1439.5Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:9112.350umol/s(380-780nm)

Ele. Parameters

Forward Current: $I_f = 246.0 \text{ mA}$

Reverse Voltage: $V_r = 5.00V$

Forward Voltage: $V_f = 24.00V$

Reverse Current: $I_r = 0.00 \mu A$

Power: $P=5.930\text{W}$

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 158.296ms

VPeak: 15784

VDark: 1401

Scan Range: 380-780nm

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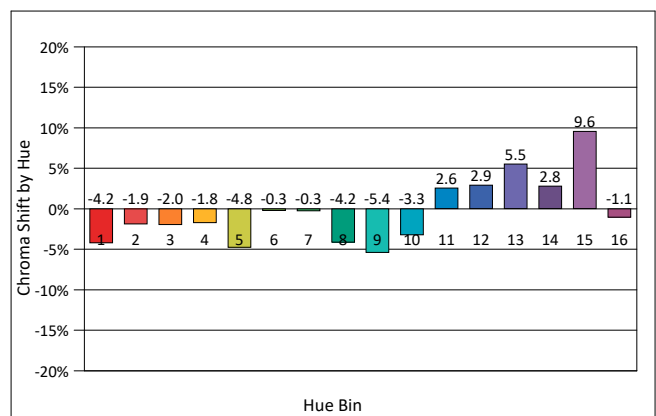
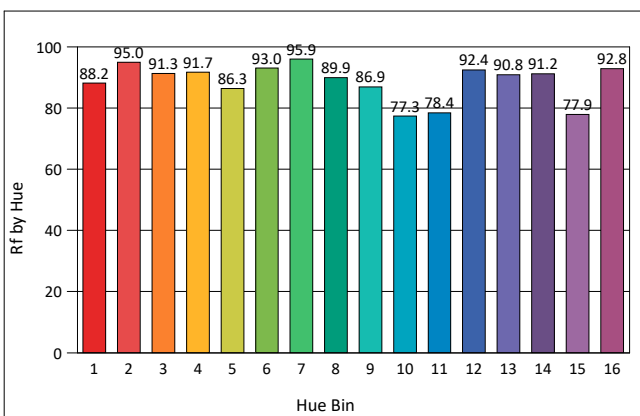
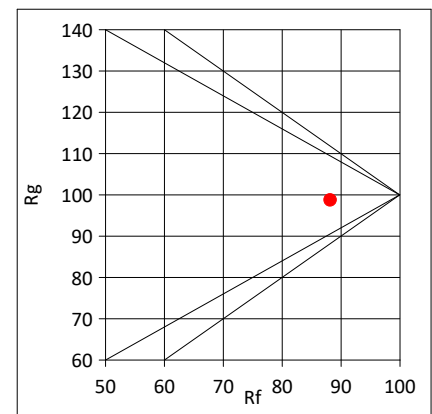
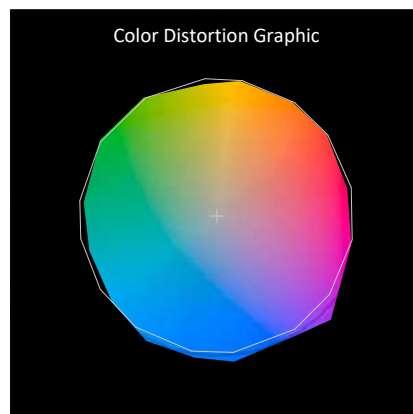
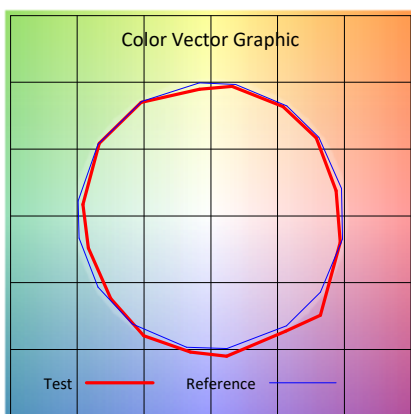
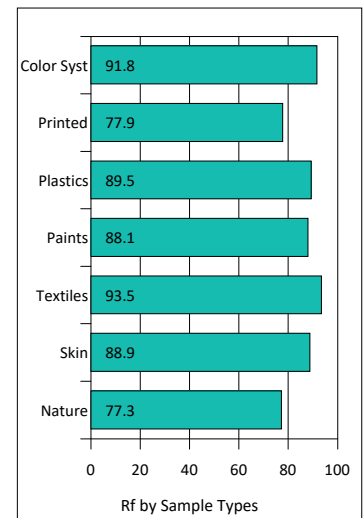
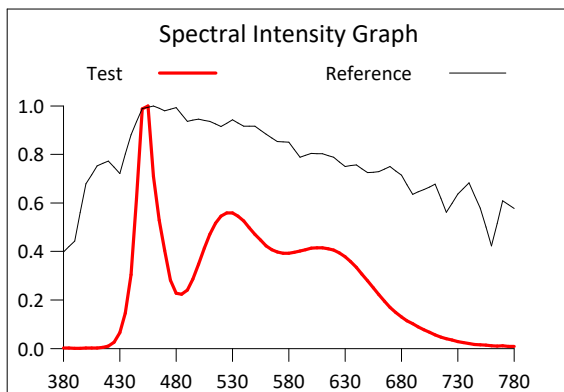
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 88.2 CCT(K): 6222 u': 0.1953
 Rg: 98.7 LER: 301.2 Duv: 0.0084 v': 0.3175

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.2	-4.2%	-0.7%
2	95.0	-1.9%	0.7%
3	91.3	-2.0%	2.1%
4	91.7	-1.8%	2.4%
5	86.3	-4.8%	0.9%
6	93.0	-0.3%	0.8%
7	95.9	-0.3%	-1.2%
8	89.9	-4.2%	1.8%
9	86.9	-5.4%	8.8%
10	77.3	-3.3%	12.4%
11	78.4	2.6%	12.0%
12	92.4	2.9%	3.5%
13	90.8	5.5%	-1.5%
14	91.2	2.8%	-2.8%
15	77.9	9.6%	-14.4%
16	92.8	-1.1%	-2.8%



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