

LED Test Report

Product Mark

Product Type : ORCCT-F52-624OR2-W8 WC

Manufacturer : -

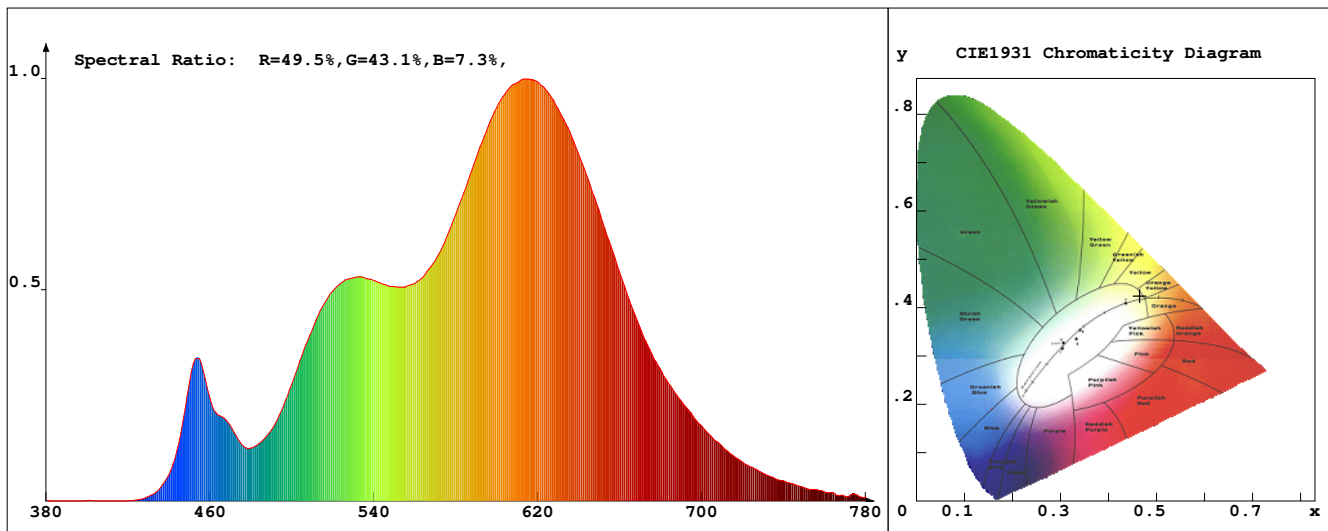
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark:



Chroma Parameters

Chro.Coor.: x=0.4650 y=0.4244 u=0.2597 v=0.3555 duv=0.0046

CCT: 2734K Dominant Wave.: 582.7nm Purity: 67.0% Centre Wave: 591.1nm

Flux RGB Ratio: R=25.4%, G=73.4%, B=1.2% Peak Wave: 614.6nm Half Width: 142.1nm

Rendering Index: Ra= 92.0 CRI= 89.0

R1 =93 R2 =95 R3 =99 R4 =97 R5 =94 R6 =97 R7 =89 R8 =73

R9 =39 R10=90 R11=97 R12=81 R13=94 R14=98 R15=83

PPF: 5.994umol/s (400-700nm)

PRF: 1.2mW (400-700nm)

PAR: 1.1mW (400-700nm)

Photo Parameters

Flux: 415.99lm Effi.: 61.7lm/W Radiant: 1264.3mW Iv: 0.0mcd

Scotopic Flux: 533.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 6255.030umol/s (380-780nm)

Ele. Parameters

Forward Current: If=283.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.82V

Reverse Current: Ir=0.00uA

Power: P=6.751W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 381.061ms

VPeak: 14296

VDark: 1273

Scan Range: 380-780nm

Product ID: 201508924

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Humidity : -%

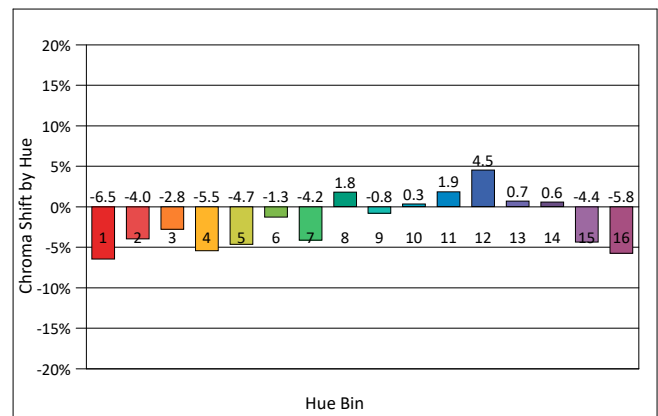
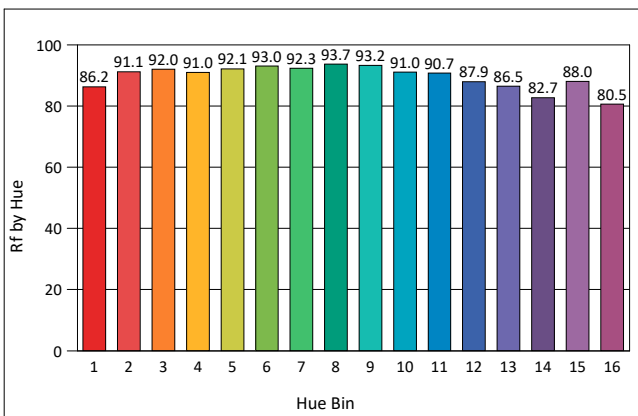
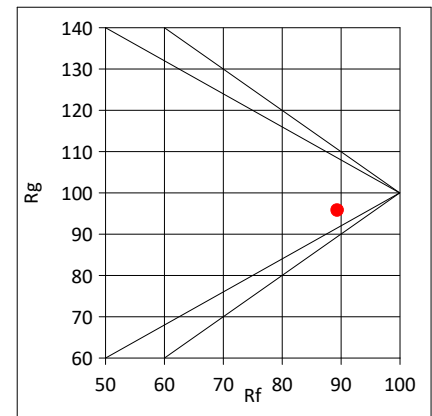
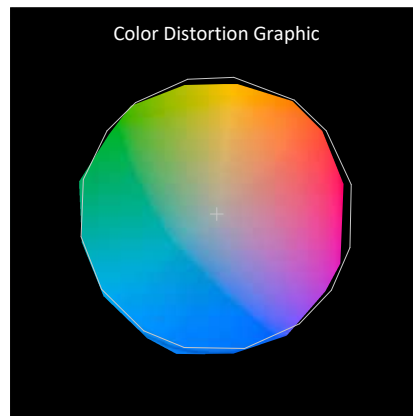
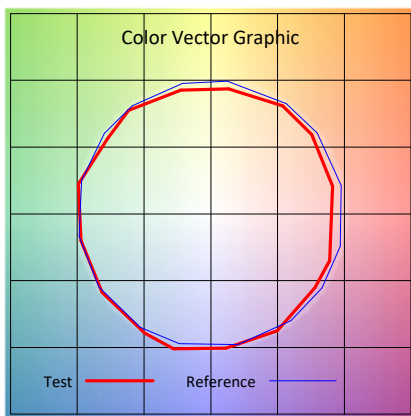
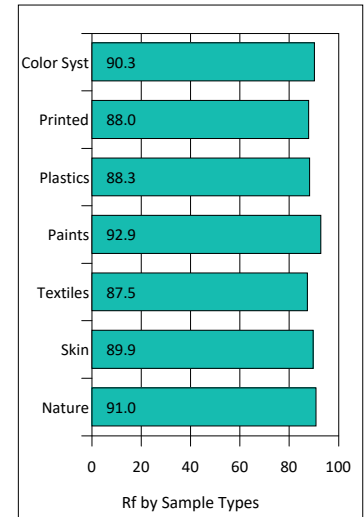
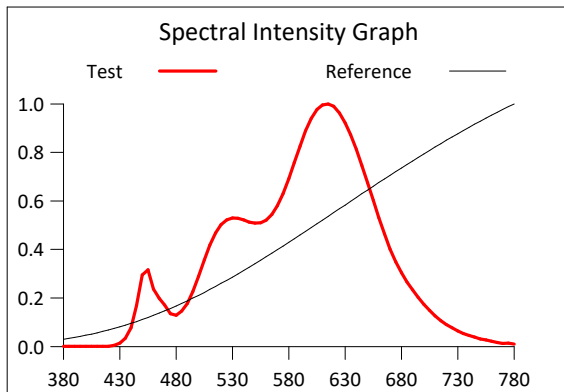
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 89.4 CCT(K): 2734 u': 0.2597
 Rg: 95.8 LER: 320.1 Duv: 0.0046 v': 0.3555

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.2	-6.5%	0.7%
2	91.1	-4.0%	1.4%
3	92.0	-2.8%	1.3%
4	91.0	-5.5%	-1.9%
5	92.1	-4.7%	2.3%
6	93.0	-1.3%	3.8%
7	92.3	-4.2%	1.5%
8	93.7	1.8%	3.2%
9	93.2	-0.8%	3.5%
10	91.0	0.3%	4.8%
11	90.7	1.9%	5.3%
12	87.9	4.5%	-3.5%
13	86.5	0.7%	-9.4%
14	82.7	0.6%	-12.9%
15	88.0	-4.4%	-2.8%
16	80.5	-5.8%	-11.9%



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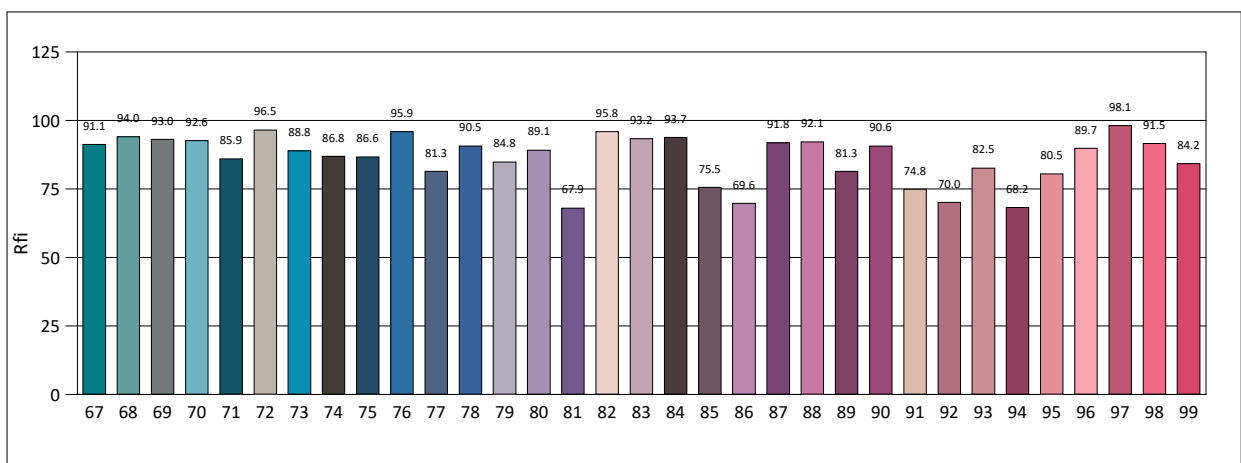
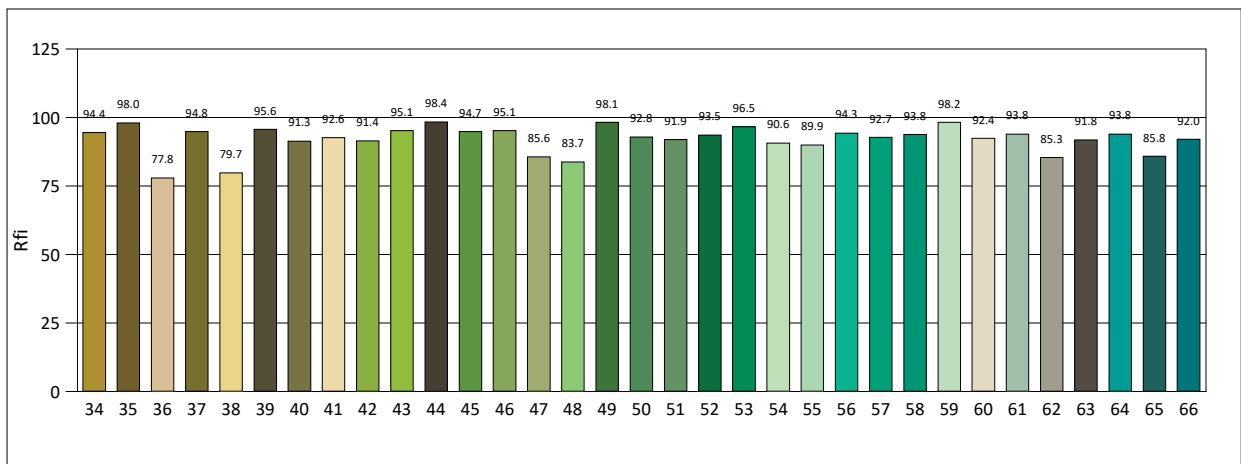
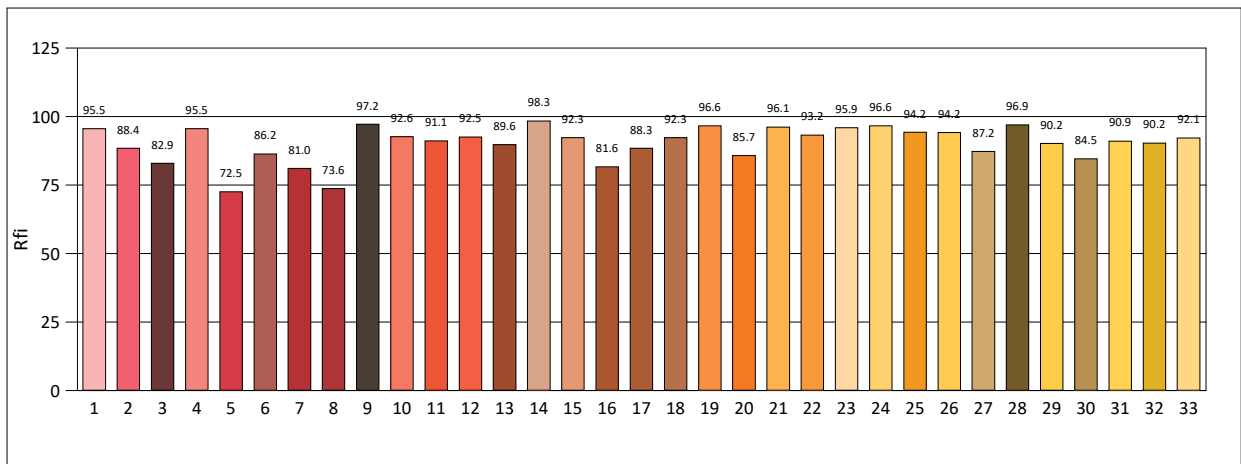
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



LED Test Report

Product Mark

Product Type : ORCCT-F52-624OR2-W8 WW

Manufacturer : -

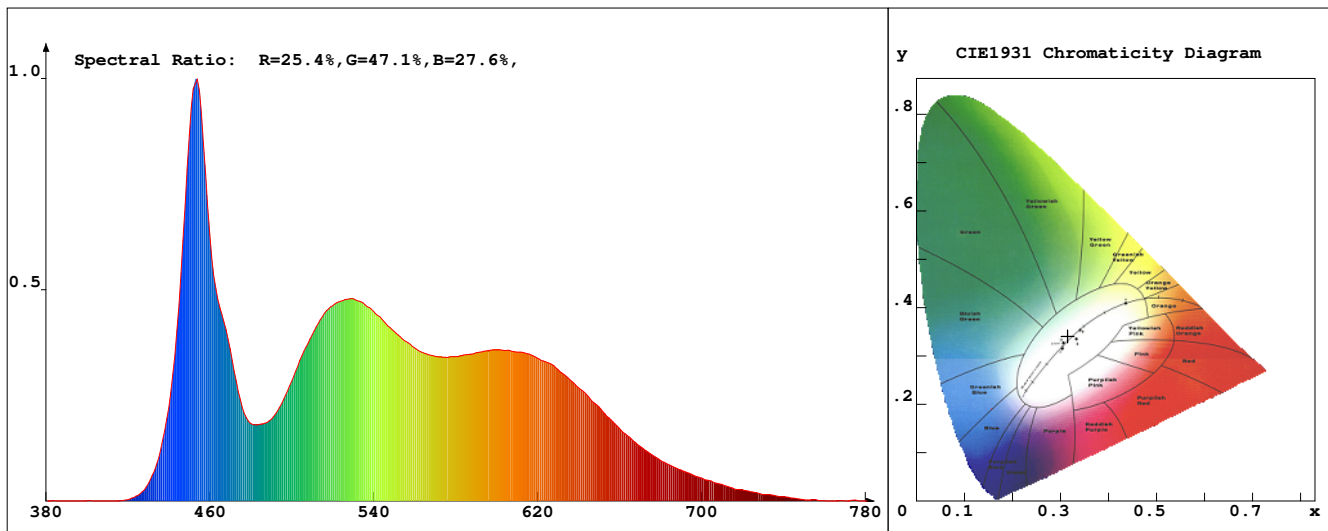
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.:x=0.3151 y=0.3406 u=0.1952 v=0.3165 duv=0.0079

CCT: 6309K Dominant Wave.:496.9nm Purity:5.8% Centre Wave:453.3nm

Flux RGB Ratio:R=14.4%,G=81.8%,B=3.8% Peak Wave:452.8nm Half Width:17.7nm

Rendering Index:Ra= 90.8 CRI= 86.4

R1 =92 R2 =92 R3 =91 R4 =92 R5 =90 R6 =88 R7 =96 R8 =86

R9 =54 R10=79 R11=90 R12=58 R13=93 R14=95 R15=88

PPF:7.499umol/s (400-700nm)

PRF:1.7mW (400-700nm)

PAR:1.4mW (400-700nm)

Photo Parameters

Flux:537.78lm Effi.:79.6lm/W Radiant:1674.5mW Iv:0.0mcd

Scotopic Flux:1233.6Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7631.060umol/s (380-780nm)

Ele. Parameters

Forward Current:If=284.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.78V

Reverse Current:Ir=0.00uA

Power:P=6.751W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 152.424ms

VPeak: 14136

VDark: 1355

Scan Range: 380-780nm

Product ID: 201508924

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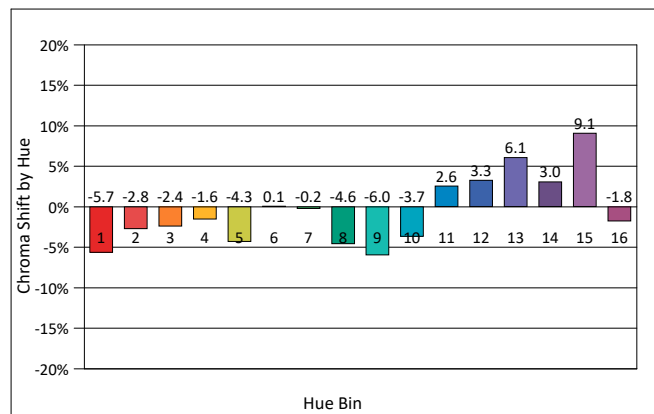
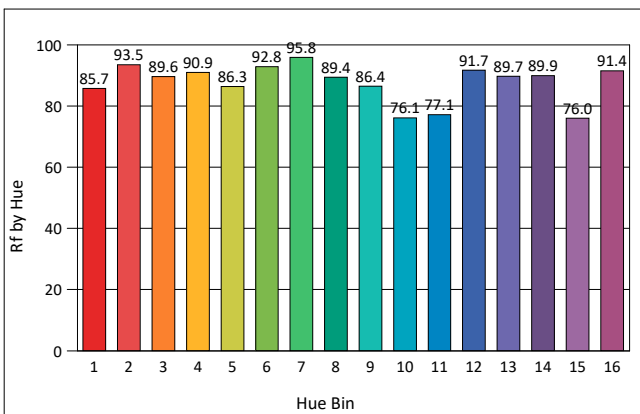
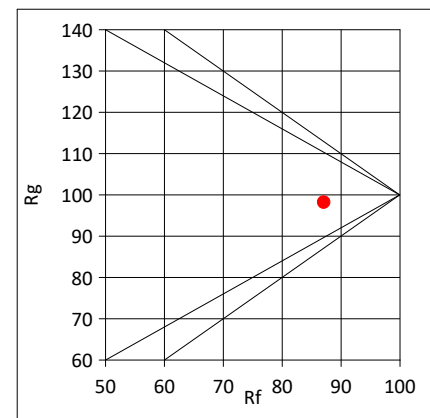
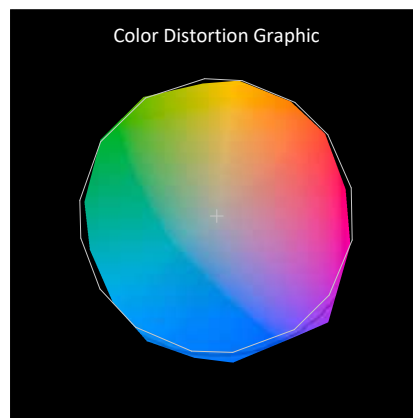
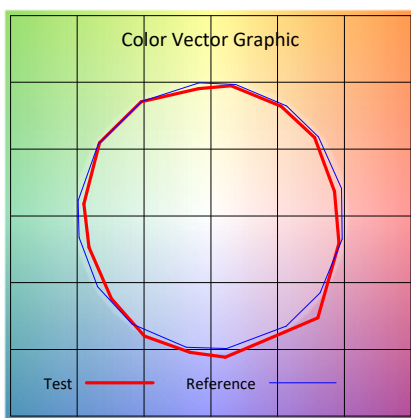
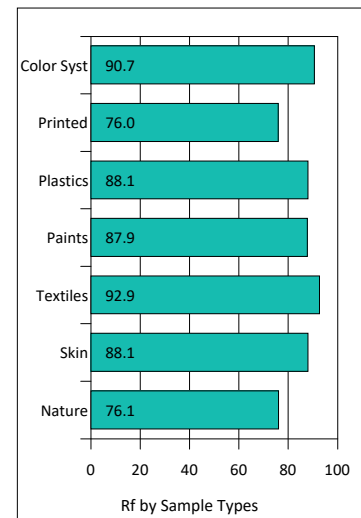
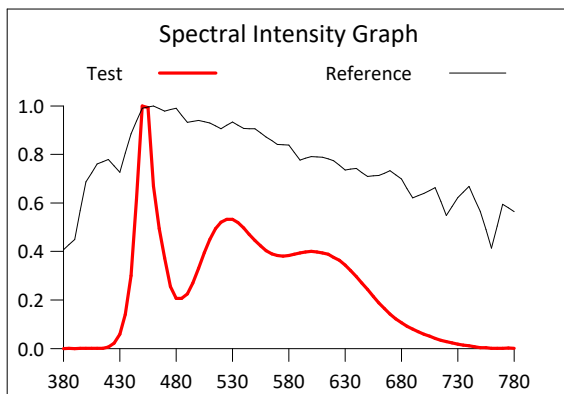
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 87.1 CCT(K): 6309 u': 0.1952
 Rg: 98.2 LER: 306.8 Duv: 0.0079 v': 0.3165

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	85.7	-5.7%	-0.9%
2	93.5	-2.8%	1.4%
3	89.6	-2.4%	3.3%
4	90.9	-1.6%	3.1%
5	86.3	-4.3%	1.2%
6	92.8	0.1%	0.6%
7	95.8	-0.2%	-1.4%
8	89.4	-4.6%	1.5%
9	86.4	-6.0%	8.7%
10	76.1	-3.7%	13.0%
11	77.1	2.6%	12.8%
12	91.7	3.3%	3.6%
13	89.7	6.1%	-2.2%
14	89.9	3.0%	-3.7%
15	76.0	9.1%	-16.6%
16	91.4	-1.8%	-3.4%



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