

LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W10 WC

Manufacturer : -

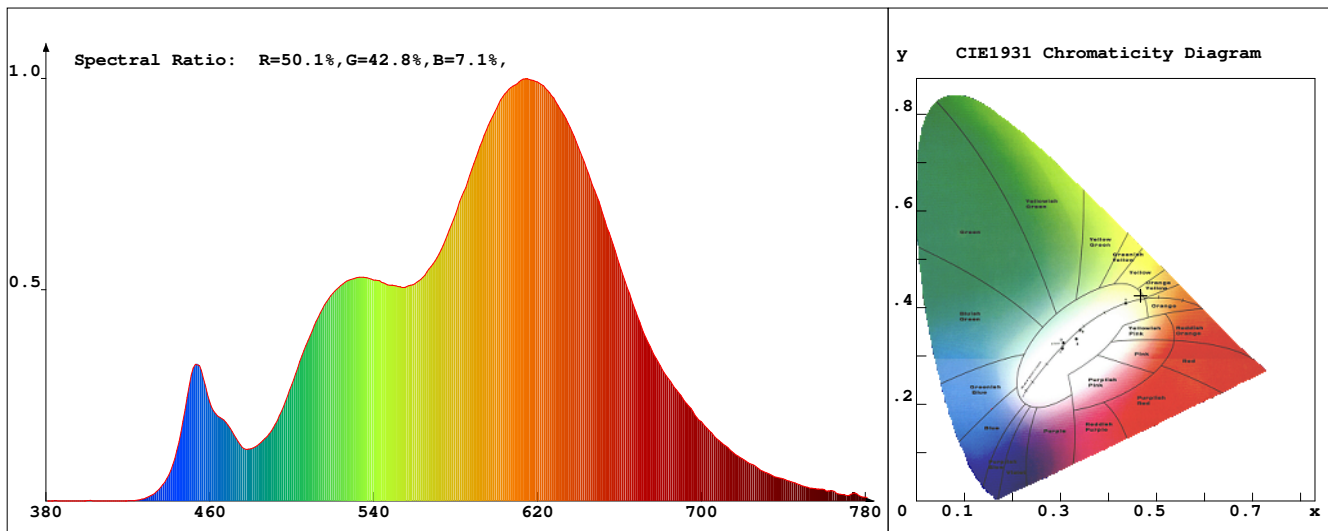
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: x=0.4672 y=0.4251 u=0.2607 v=0.3559 duv=0.0046

CCT: 2710K Dominant Wave.: 582.8nm Purity: 67.9% Centre Wave: 592.1nm

Flux RGB Ratio: R=25.5%, G=73.3%, B=1.2% Peak Wave: 613.6nm Half Width: 142.1nm

Rendering Index: Ra= 91.5 CRI= 88.4

R1 =92 R2 =94 R3 =98 R4 =98 R5 =95 R6 =96 R7 =88 R8 =72

R9 =39 R10=88 R11=96 R12=81 R13=92 R14=97 R15=82

PPF: 7.575umol/s (400-700nm)

PRF: 1.5mW (400-700nm)

PAR: 1.4mW (400-700nm)

Photo Parameters

Flux: 527.18lm Effi.: 81.6lm/W Radiant: 1599.7mW Iv: 0.0mcd

Scotopic Flux: 670.3Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 7929.290umol/s (380-780nm)

Ele. Parameters

Forward Current: If=270.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.93V

Reverse Current: Ir=0.00uA

Power: P=6.481W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 304.816ms

VPeak: 14808

VDark: 1467

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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Manufacturer : -

Temperature : 'C

Humidity : -%

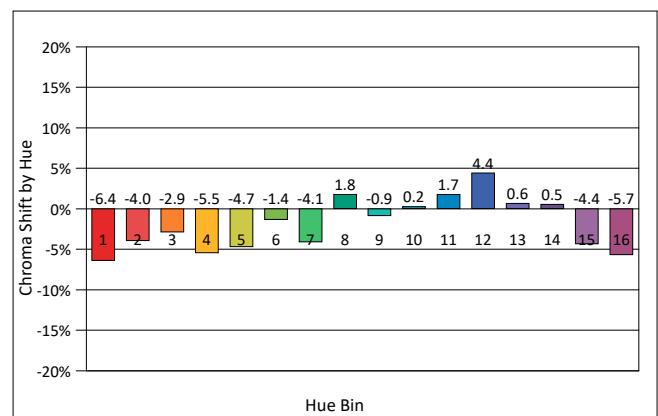
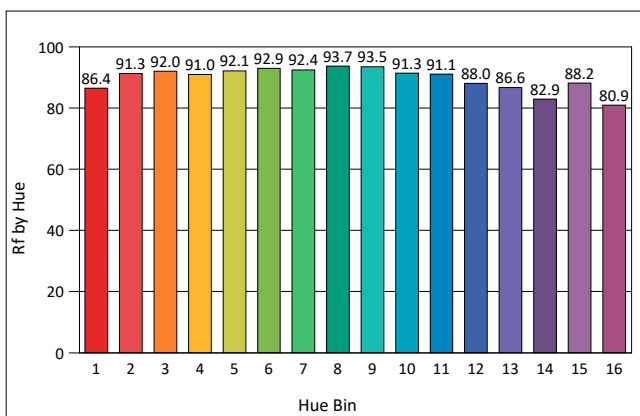
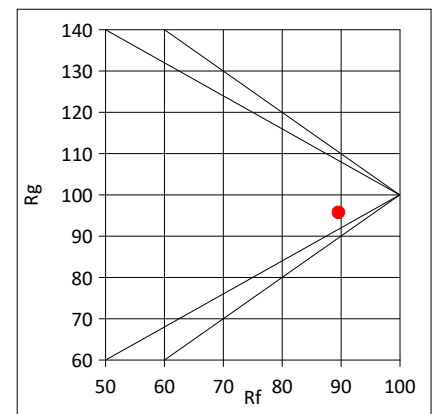
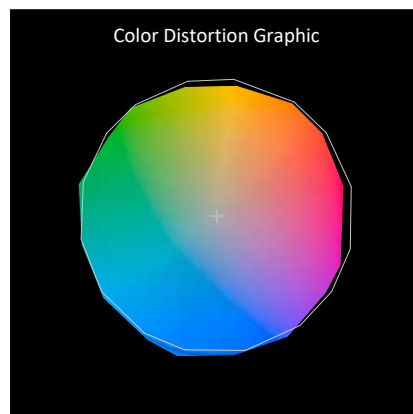
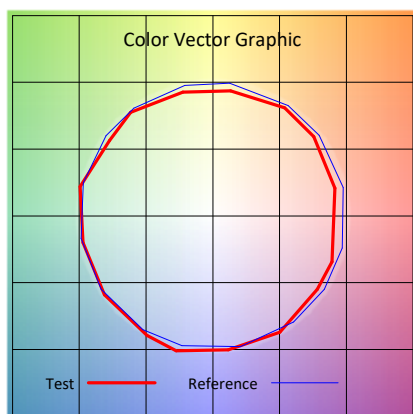
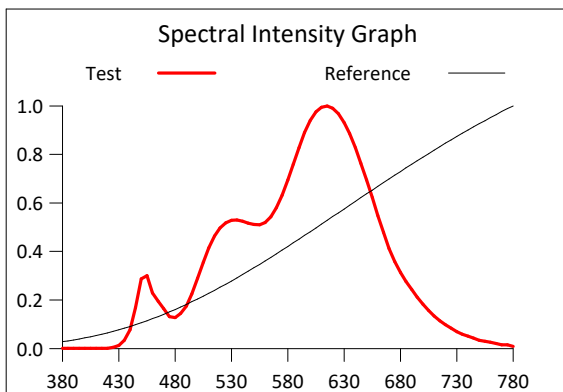
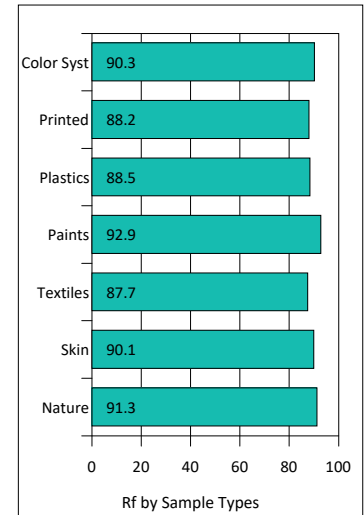
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 89.6 CCT(K): 2710 u': 0.2607
 Rg: 95.7 LER: 318.0 Duv: 0.0046 v': 0.3559

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.4	-6.4%	0.6%
2	91.3	-4.0%	1.3%
3	92.0	-2.9%	1.1%
4	91.0	-5.5%	-1.9%
5	92.1	-4.7%	2.3%
6	92.9	-1.4%	3.9%
7	92.4	-4.1%	1.5%
8	93.7	1.8%	3.2%
9	93.5	-0.9%	3.3%
10	91.3	0.2%	4.6%
11	91.1	1.7%	5.1%
12	88.0	4.4%	-3.5%
13	86.6	0.6%	-9.3%
14	82.9	0.5%	-12.7%
15	88.2	-4.4%	-2.9%
16	80.9	-5.7%	-11.6%



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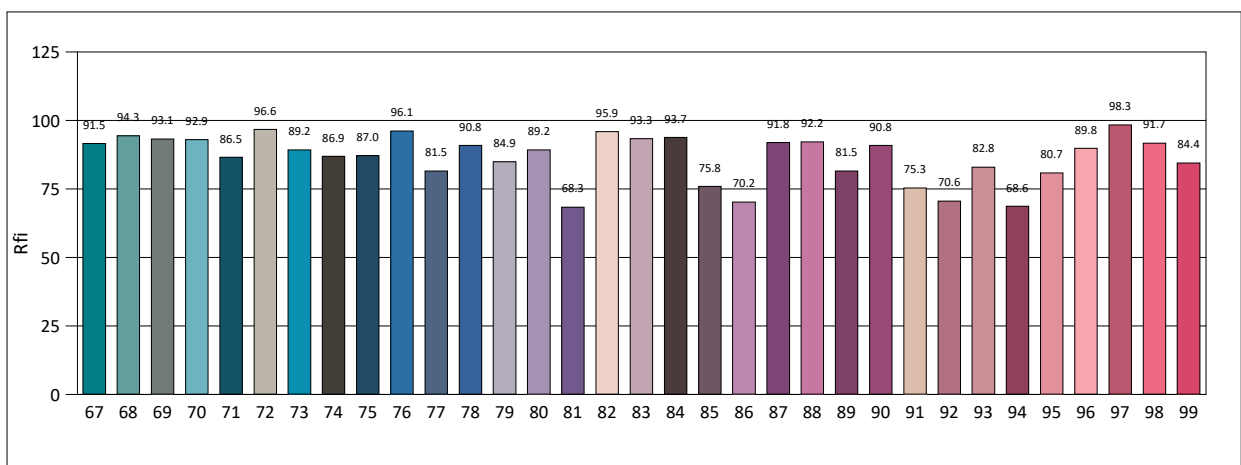
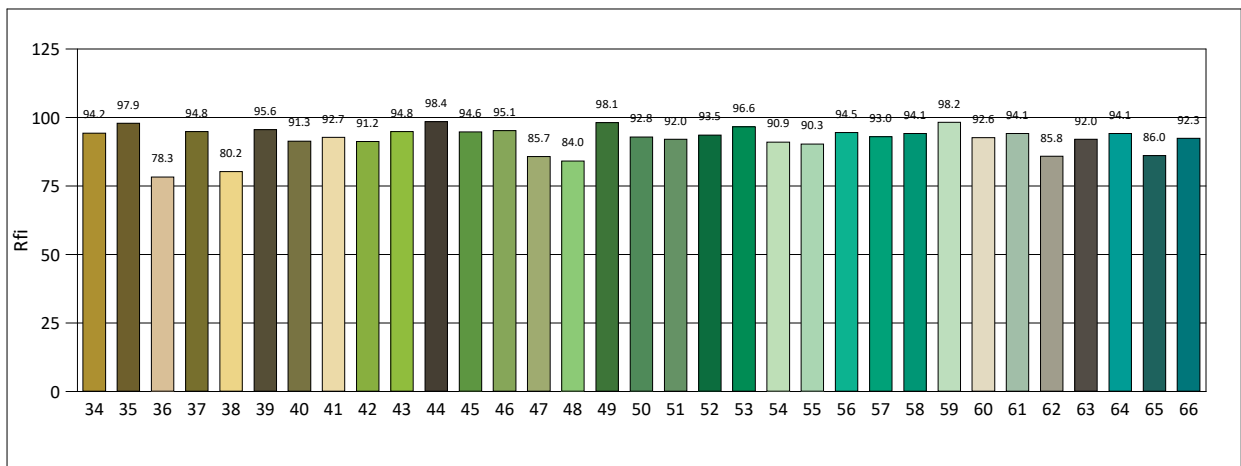
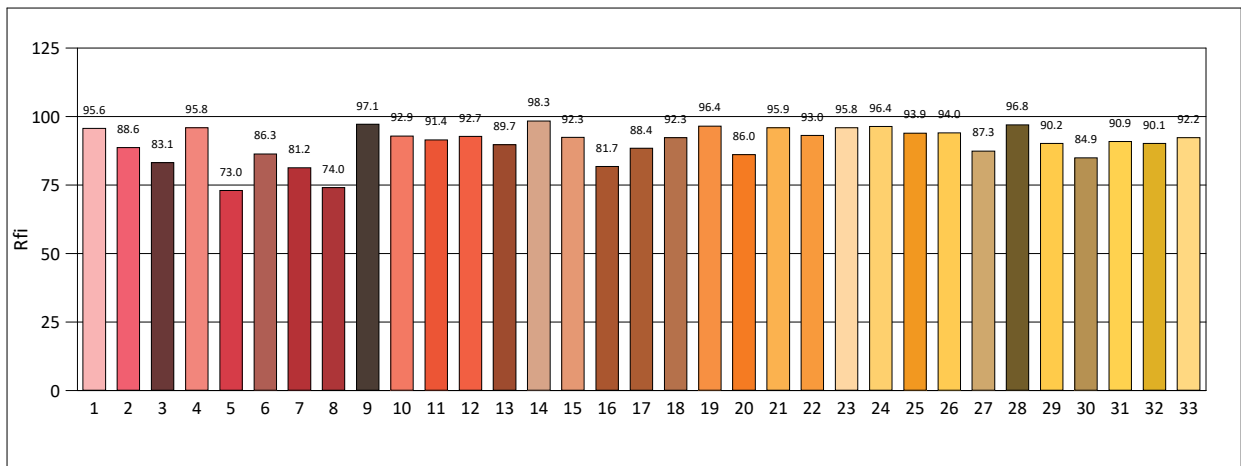
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W10 WW

Manufacturer : -

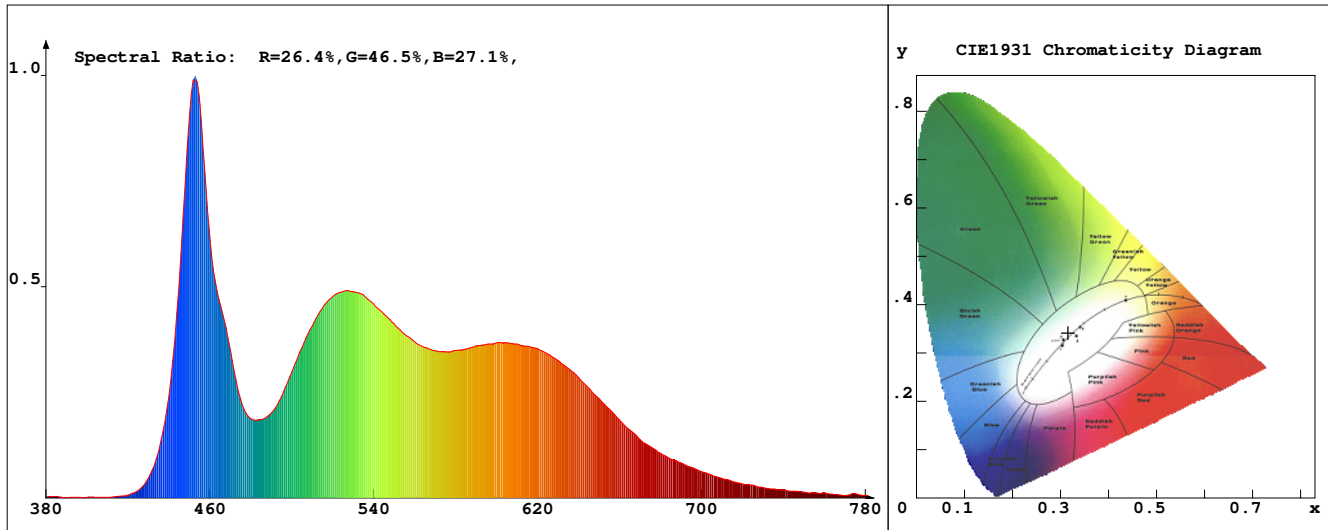
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.:x=0.3156 y=0.3416 u=0.1952 v=0.3169 duv=0.0081

CCT: 6276K Dominant Wave.:497.8nm Purity:5.5% Centre Wave:453.0nm

Flux RGB Ratio:R=14.5%,G=81.7%,B=3.8% Peak Wave:451.6nm Half Width:18.3nm

Rendering Index:Ra= 91.7 CRI= 87.9

R1 =95 R2 =94 R3 =92 R4 =92 R5 =89 R6 =87 R7 =96 R8 =90

R9 =60 R10=83 R11=90 R12=58 R13=96 R14=96 R15=91

PPF:9.564umol/s (400-700nm)

PRF:2.1mW (400-700nm)

PAR:1.8mW (400-700nm)

Photo Parameters

Flux:683.82lm Effi.:105.8lm/W Radiant:2148.7mW Iv:0.0mcd

Scotopic Flux:1563.8Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:9828.940umol/s (380-780nm)

Ele. Parameters

Forward Current:If=270.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.94V

Reverse Current:Ir=0.00uA

Power:P=6.481W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 121.926ms

VPeak: 13912

VDark: 1418

Scan Range: 380-780nm

Product ID: 201508924

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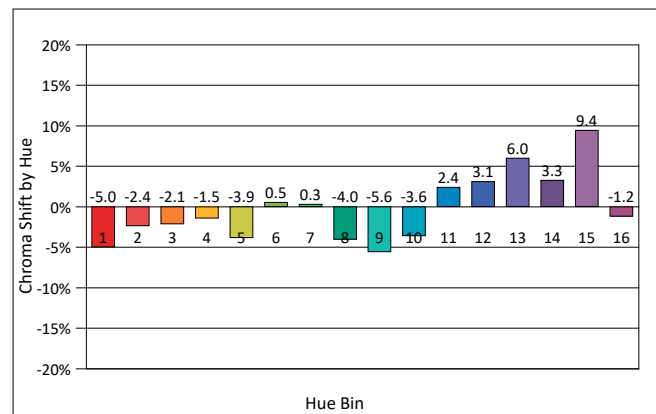
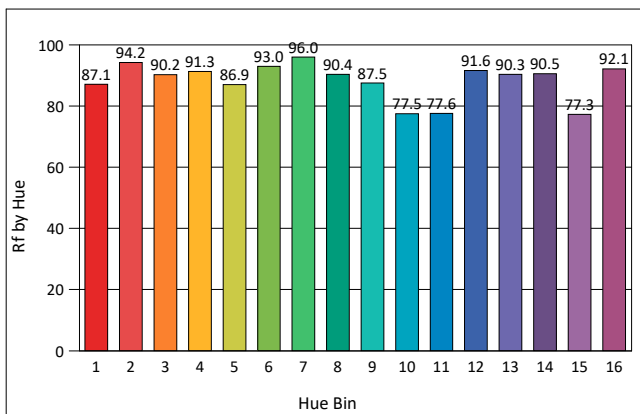
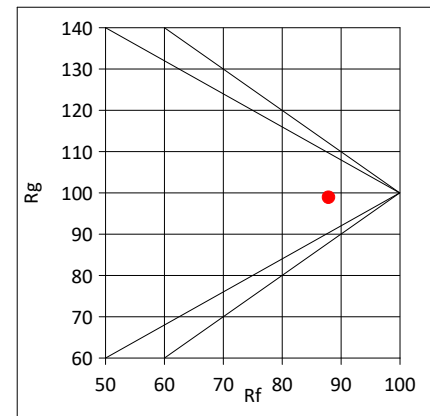
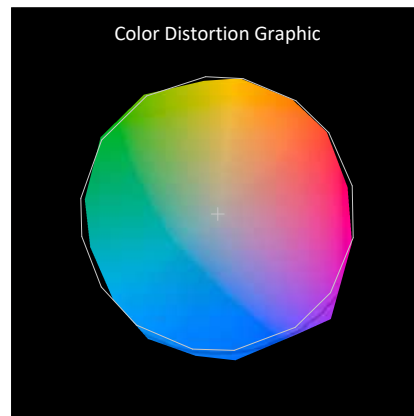
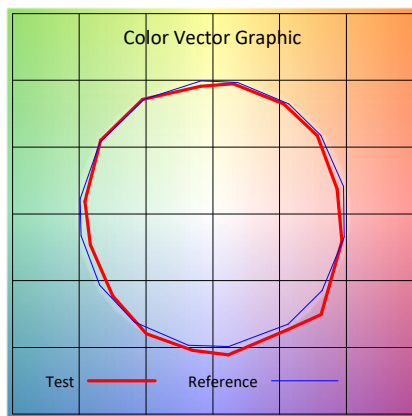
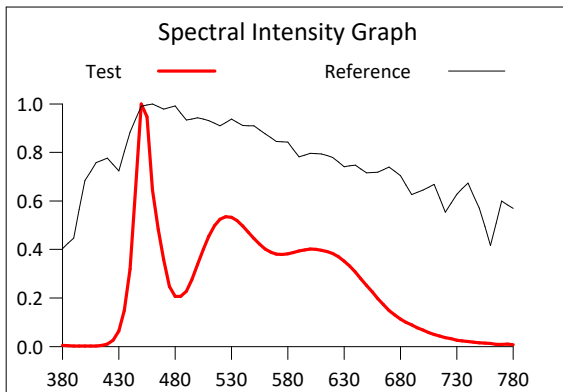
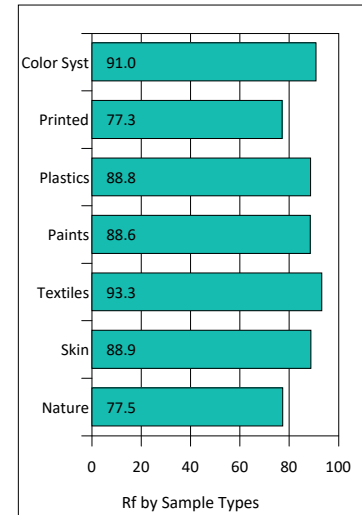
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 87.9 CCT(K): 6276 u': 0.1952
 Rg: 98.9 LER: 302.9 Duv: 0.0081 v': 0.3169

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.1	-5.0%	-1.0%
2	94.2	-2.4%	1.1%
3	90.2	-2.1%	3.1%
4	91.3	-1.5%	3.1%
5	86.9	-3.9%	1.3%
6	93.0	0.5%	0.9%
7	96.0	0.3%	-1.3%
8	90.4	-4.0%	1.2%
9	87.5	-5.6%	7.9%
10	77.5	-3.6%	12.2%
11	77.6	2.4%	12.5%
12	91.6	3.1%	3.9%
13	90.3	6.0%	-1.6%
14	90.5	3.3%	-3.0%
15	77.3	9.4%	-15.4%
16	92.1	-1.2%	-3.3%



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