

LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W5 WC

Manufacturer : -

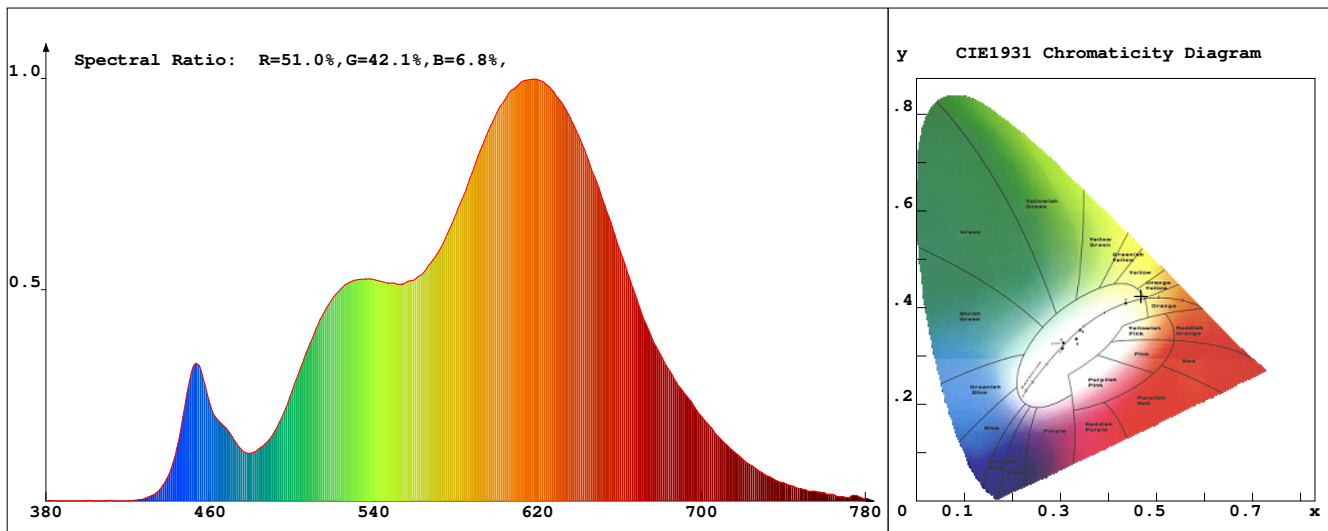
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.:x=0.4679 y=0.4234 u=0.2619 v=0.3555 duv=0.0040

CCT: 2688K Dominant Wave.:583.1nm Purity:67.6% Centre Wave:594.4nm

Flux RGB Ratio:R=25.8%,G=73.1%,B=1.1% Peak Wave:617.5nm Half Width:142.6nm

Rendering Index:Ra= 92.7 CRI= 89.5

R1 =93 R2 =95 R3 =97 R4 =98 R5 =95 R6 =99 R7 =90 R8 =75

R9 =44 R10=88 R11=96 R12=83 R13=94 R14=97 R15=84

PPF:7.043umol/s (400-700nm)

PRF:1.4mW (400-700nm)

PAR:1.3mW (400-700nm)

Photo Parameters

Flux:481.24lm Effi.:81.2lm/W Radiant:1480.2mW Iv:0.0mcd

Scotopic Flux:599.7Plm Effi.:0.0Plm/W S/P:1.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7351.610umol/s (380-780nm)

Ele. Parameters

Forward Current:If=247.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=5.930W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 326.075ms

VPeak: 14776

VDark: 1416

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

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Humidity : -%

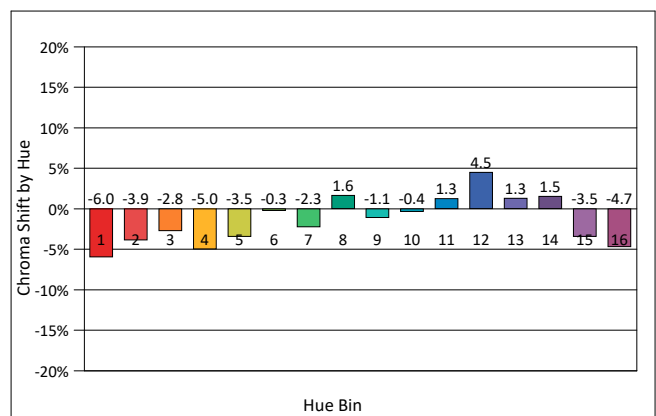
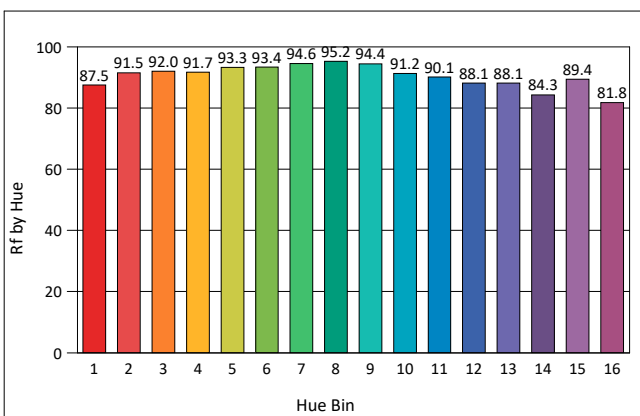
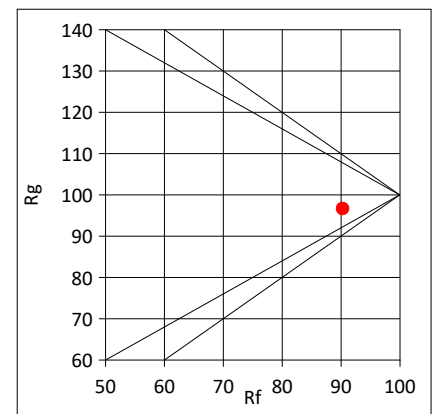
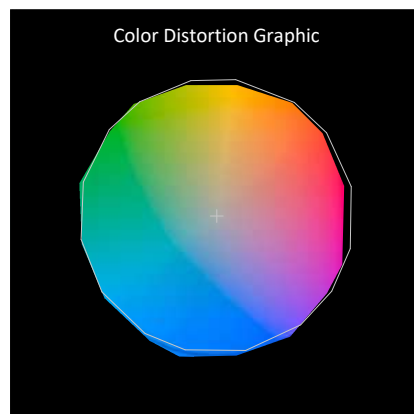
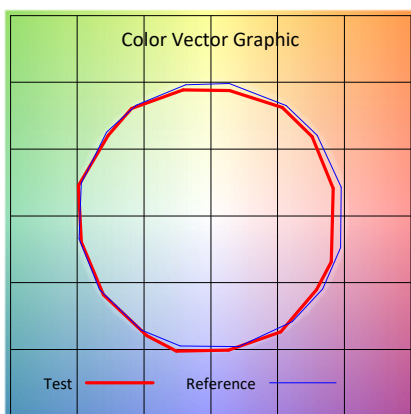
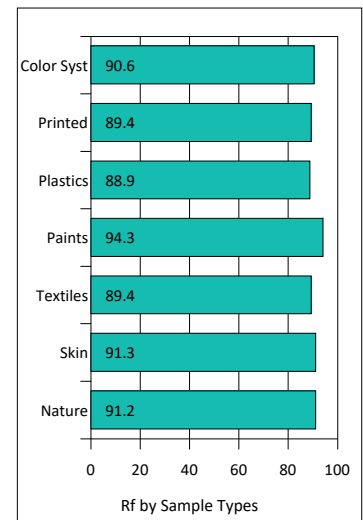
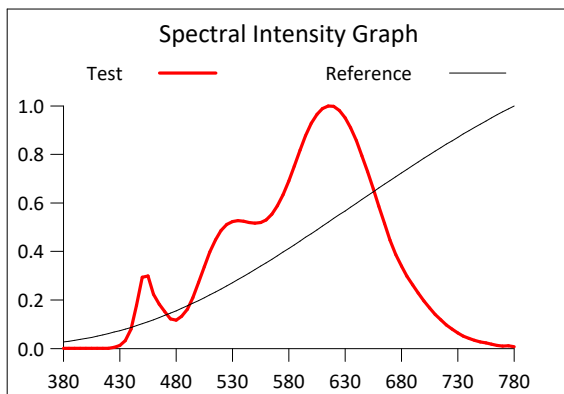
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 90.3 CCT(K): 2688 u': 0.2619
 Rg: 96.6 LER: 315.4 Duv: 0.0040 v': 0.3555

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.5	-6.0%	0.2%
2	91.5	-3.9%	1.3%
3	92.0	-2.8%	1.7%
4	91.7	-5.0%	-1.2%
5	93.3	-3.5%	2.8%
6	93.4	-0.3%	4.2%
7	94.6	-2.3%	1.1%
8	95.2	1.6%	2.2%
9	94.4	-1.1%	2.6%
10	91.2	-0.4%	4.7%
11	90.1	1.3%	6.0%
12	88.1	4.5%	-2.2%
13	88.1	1.3%	-8.1%
14	84.3	1.5%	-11.5%
15	89.4	-3.5%	-3.0%
16	81.8	-4.7%	-11.5%



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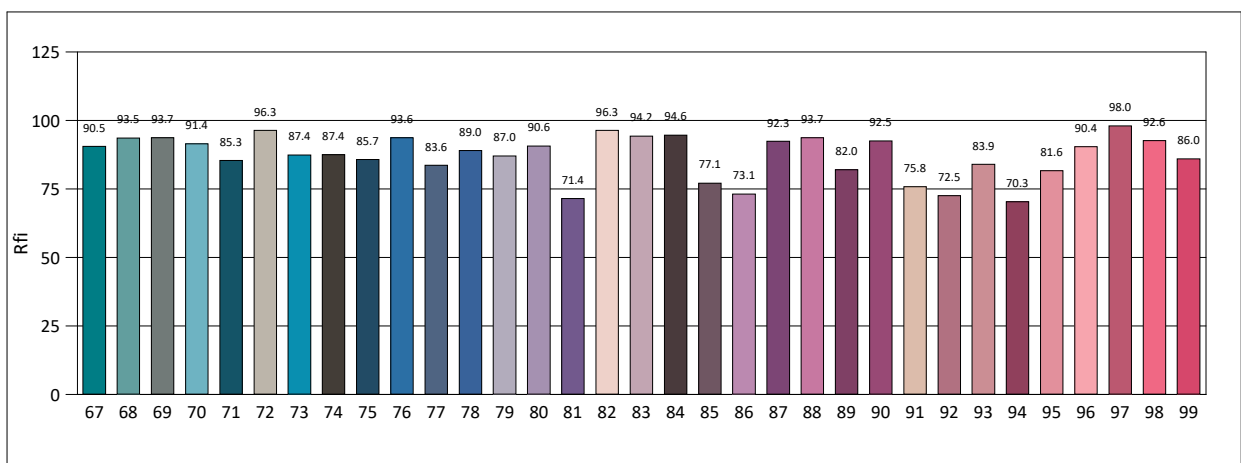
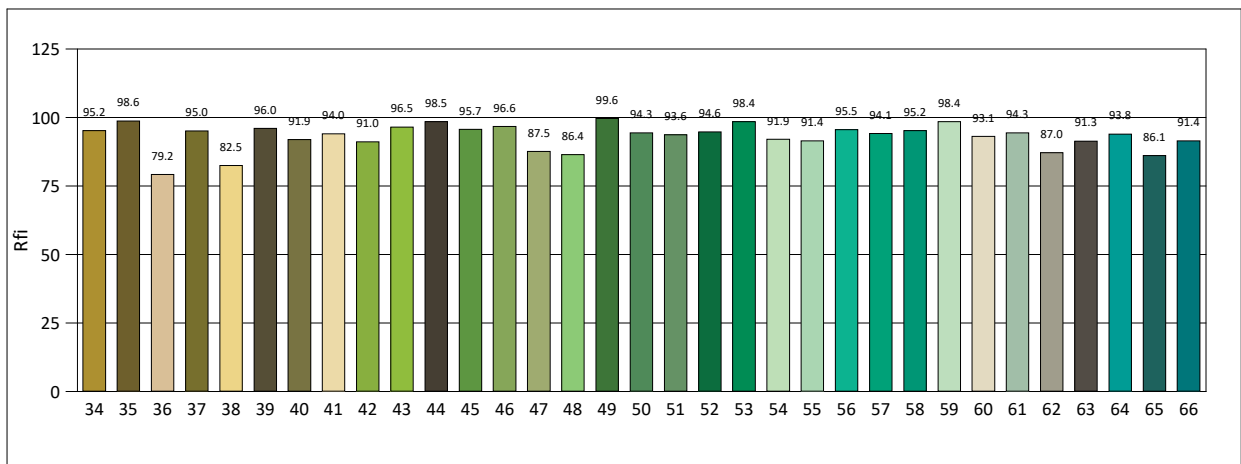
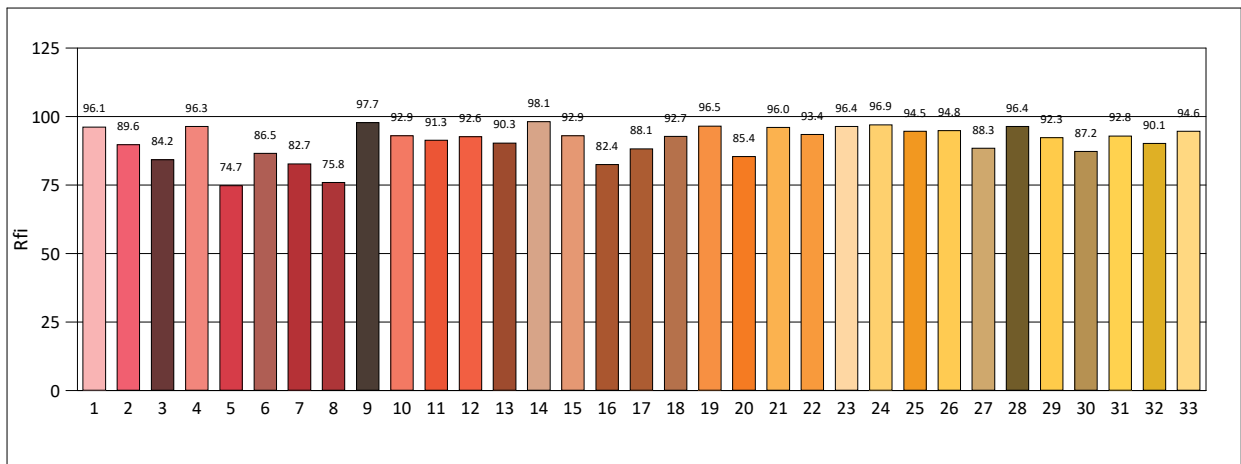
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



LED Test Report

Product Mark

Product Type : ORCCT-F52-608OR2-W5 WW

Manufacturer : -

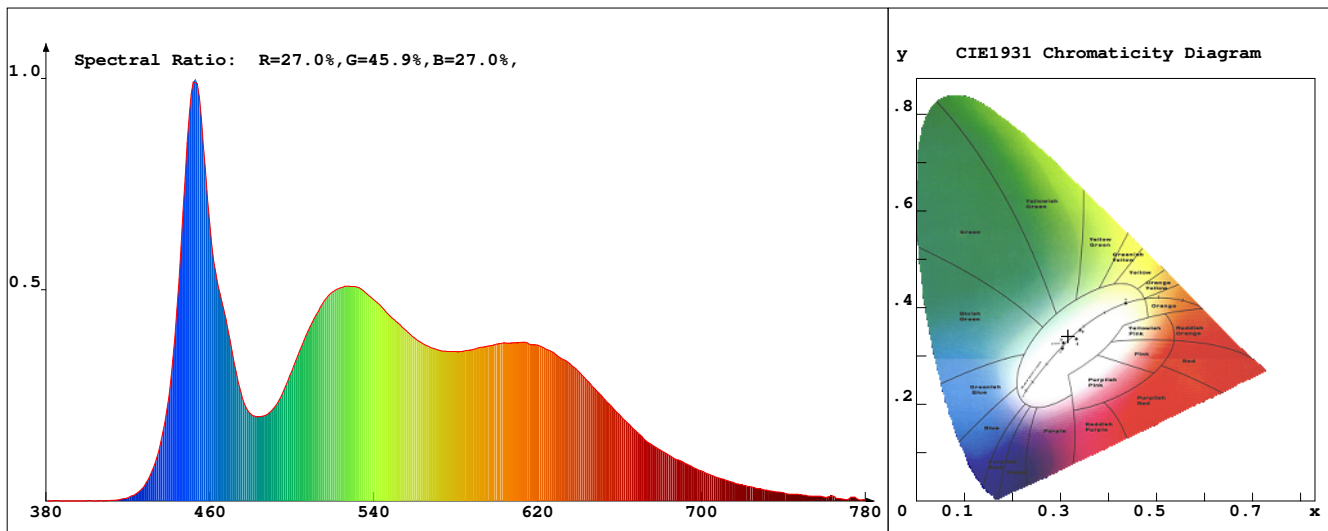
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.:x=0.3157 y=0.3409 u=0.1955 v=0.3167 duv=0.0077

CCT: 6278K Dominant Wave.:497.3nm Purity:5.5% Centre Wave:453.4nm

Flux RGB Ratio:R=14.7%,G=81.5%,B=3.9% Peak Wave:451.6nm Half Width:19.9nm

Rendering Index:Ra= 92.2 CRI= 88.3

R1 =94 R2 =93 R3 =90 R4 =94 R5 =92 R6 =89 R7 =97 R8 =90

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

PPF:8.998umol/s (400-700nm)

PRF:2.0mW (400-700nm)

PAR:1.7mW (400-700nm)

Photo Parameters

Flux:638.16lm Effi.:106.8lm/W Radiant:2018.6mW Iv:0.0mcd

Scotopic Flux:1468.4Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:9247.340umol/s (380-780nm)

Ele. Parameters

Forward Current:If=249.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=5.991W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 145.561ms

VPeak: 14744

VDark: 1295

Scan Range: 380-780nm

Product ID: 201508924

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Humidity : -%

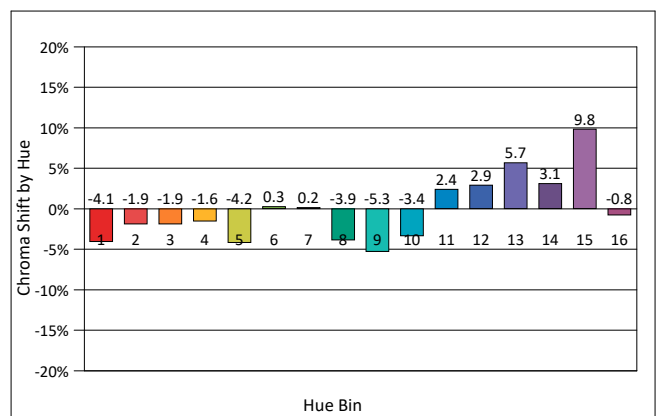
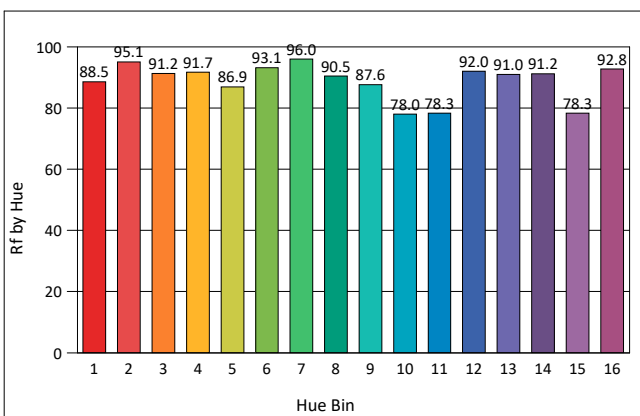
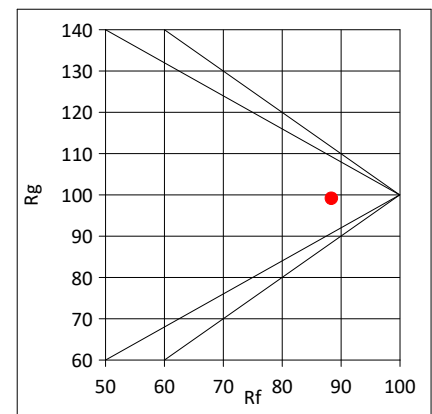
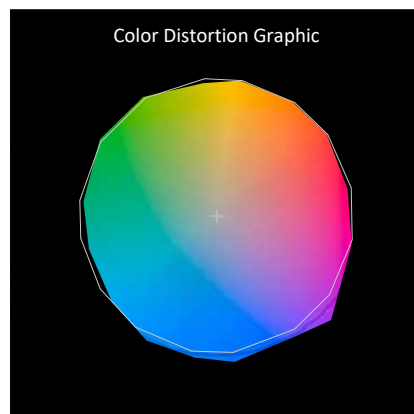
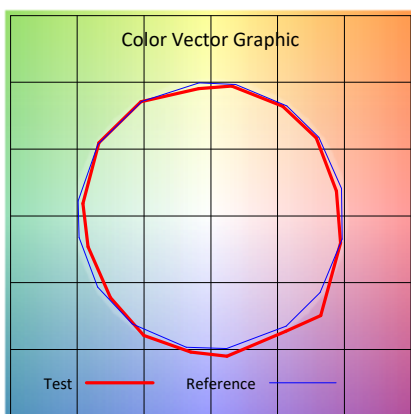
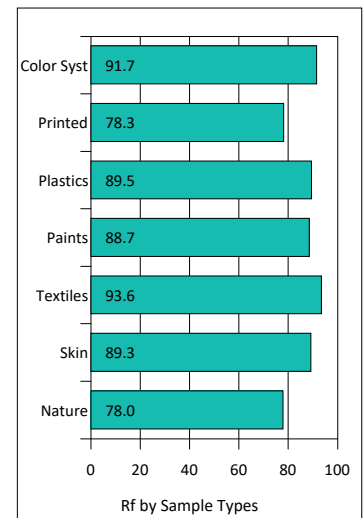
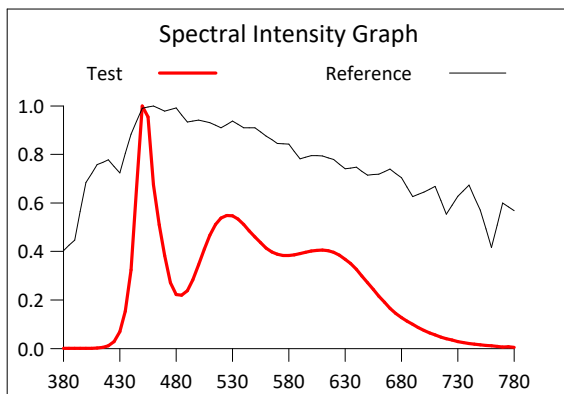
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 88.4 CCT(K): 6278 u': 0.1955
 Rg: 99.1 LER: 300.2 Duv: 0.0077 v': 0.3167

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.5	-4.1%	-0.9%
2	95.1	-1.9%	0.7%
3	91.2	-1.9%	2.3%
4	91.7	-1.6%	2.7%
5	86.9	-4.2%	1.1%
6	93.1	0.3%	0.9%
7	96.0	0.2%	-1.3%
8	90.5	-3.9%	1.3%
9	87.6	-5.3%	8.0%
10	78.0	-3.4%	12.0%
11	78.3	2.4%	12.1%
12	92.0	2.9%	3.8%
13	91.0	5.7%	-1.1%
14	91.2	3.1%	-2.5%
15	78.3	9.8%	-14.1%
16	92.8	-0.8%	-3.0%



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