

LED Test Report

Product Mark

Product Type : F52-CCT-2568U4A WARM

Manufacturer :

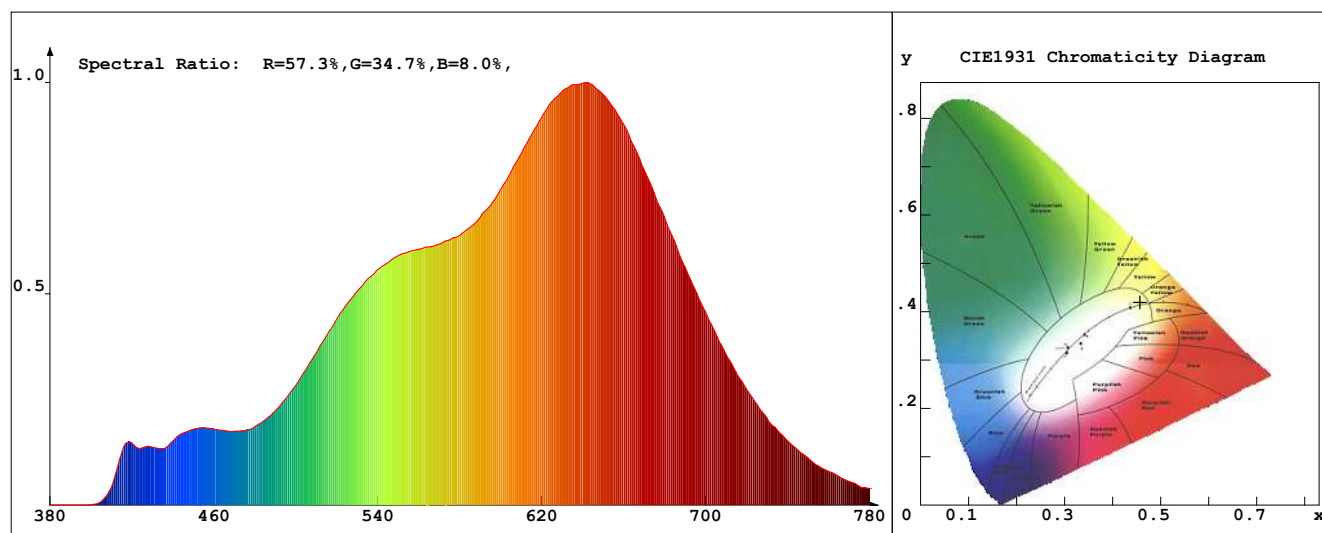
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:31:11

Remark: LOTTO 427 BIN R27C W50B



Chroma Parameters

Chro.Coord.: x=0.4570 y=0.4198 u=0.2566 v=0.3536 duv=0.0036

CCT: 2811K Dominant Wave.: 582.5nm Purity: 63.2% Centre Wave: 611.4nm

Flux RGB Ratio: R=25.2%, G=73.4%, B=1.4% Peak Wave: 640.7nm Half Width: 167.0nm

Rendering Index: Ra= 96.2 CRI= 94.9

R1 =99 R2 =96 R3 =90 R4 =97 R5 =97 R6 =95 R7 =97 R8 =98

R9 =92 R10=88 R11=97 R12=87 R13=98 R14=94 R15=98

PPF: 40.869 $\mu\text{mol/s}$ (400-700nm)

PRF: 8.2mW (400-700nm)

PAR: 7.3mW (400-700nm)

Photo Parameters

Flux: 2400.58lm Effi.: 102.5lm/W Radiant: 8985.9mW Iv: 0.0mcd

Scotopic Flux: 3145.5Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 45480.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=483.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=48.48V

Reverse Current: Ir=0.00uA

Power: P=23.421W

Instrument state

Instrument: Lisun

Integral Time: 56.357ms

VPeak: 15336

VDark: 1271

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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Temperature : 'C

Operator :

Remark: LOTTO 427 BIN R27C W50B

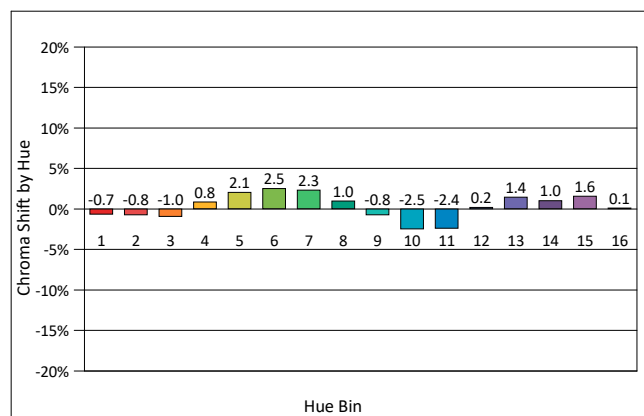
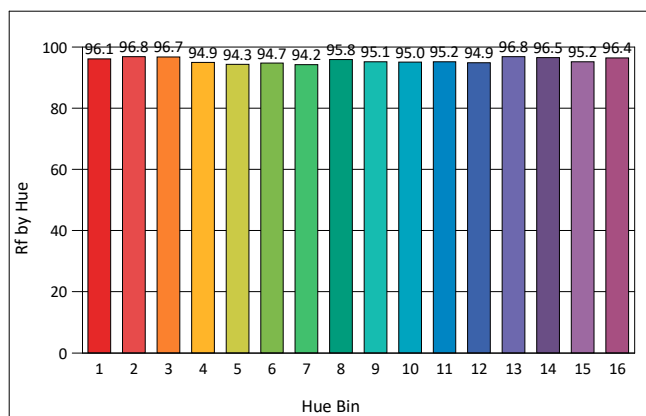
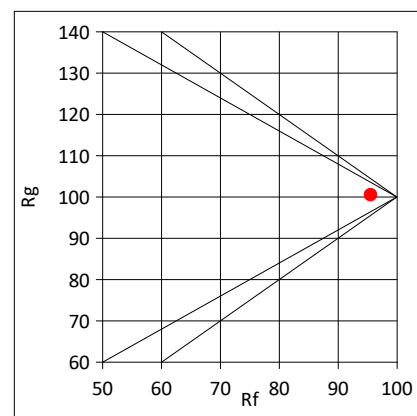
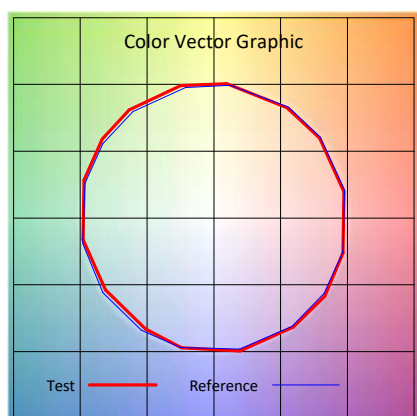
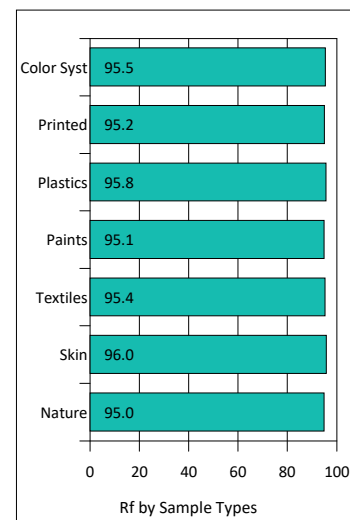
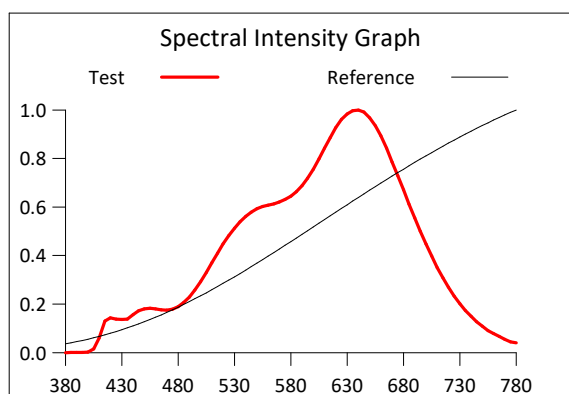
Manufacturer :

Humidity : %

Test Date : 15-04-21 15:31:11

Rf: 95.5 CCT(K): 2811 u': 0.2566
Rg: 100.5 LER: 261.3 Duv: 0.0036 v': 0.3536

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.1	-0.7%	-1.4%
2	96.8	-0.8%	-0.5%
3	96.7	-1.0%	1.0%
4	94.9	0.8%	2.7%
5	94.3	2.1%	3.4%
6	94.7	2.5%	1.6%
7	94.2	2.3%	-2.4%
8	95.8	1.0%	-2.2%
9	95.1	-0.8%	-2.7%
10	95.0	-2.5%	-0.7%
11	95.2	-2.4%	2.0%
12	94.9	0.2%	1.1%
13	96.8	1.4%	-0.2%
14	96.5	1.0%	0.4%
15	95.2	1.6%	-1.7%
16	96.4	0.1%	-1.1%



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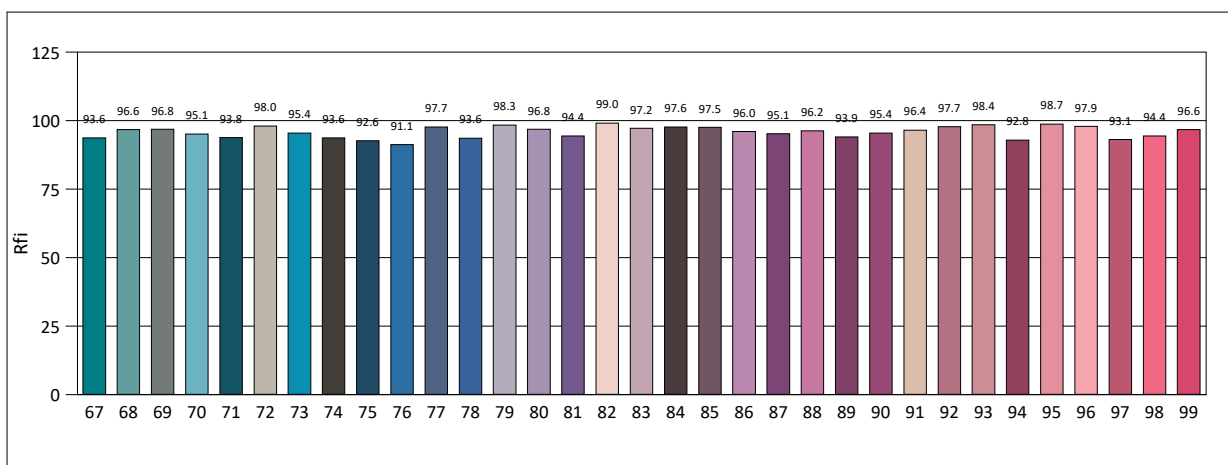
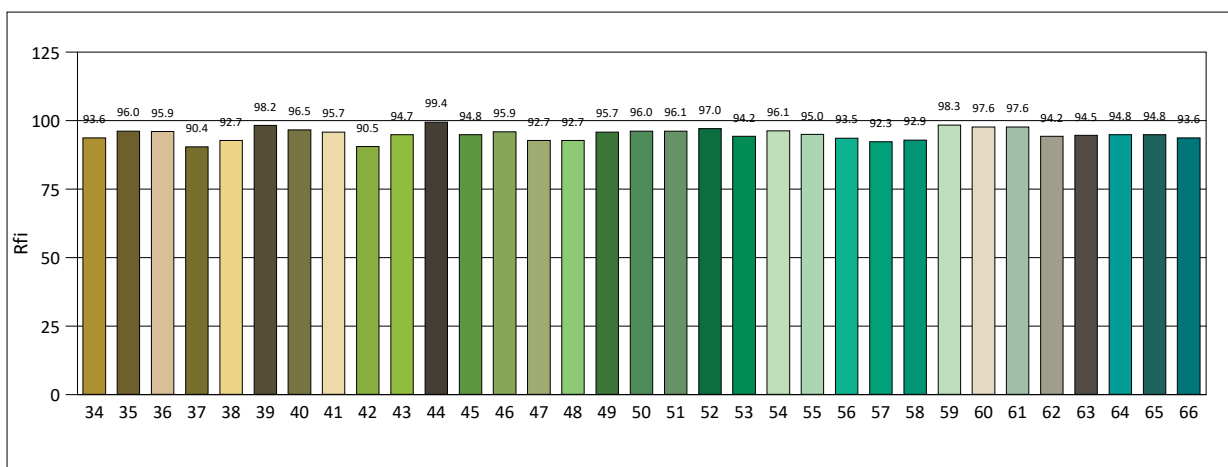
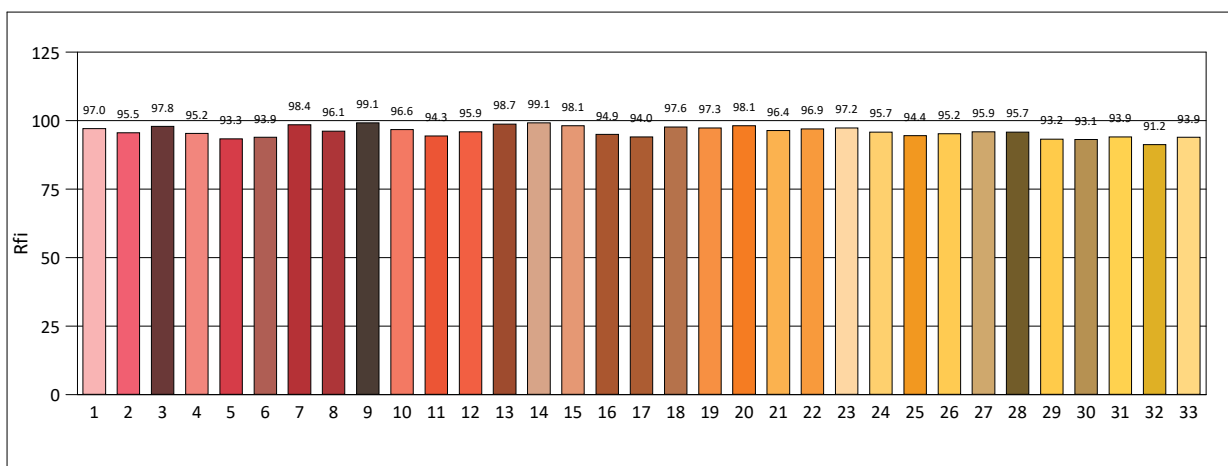
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:31:11

Remark: LOTTO 427 BIN R27C W50B



LED Test Report

Product Mark

Product Type : F52-CCT-2568U4A COLD

Manufacturer :

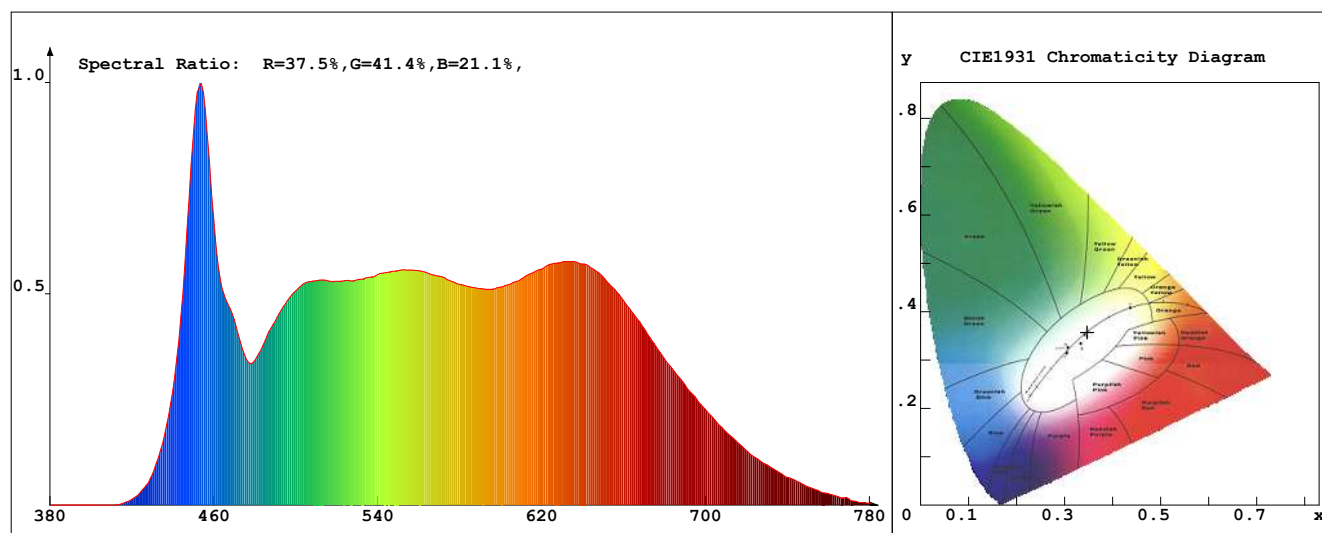
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:25:29

Remark: LOTTO 427 BIN R27C W50B



Chroma Parameters

Chro.Coord.:x=0.3469 y=0.3572 u=0.2105 v=0.3251 duv=0.0021

CCT: 4953K Dominant Wave.:571.4nm Purity:11.3% Centre Wave:453.7nm

Flux RGB Ratio:R=17.4%,G=78.8%,B=3.8% Peak Wave:452.4nm Half Width:19.7nm

Rendering Index:Ra= 97.5 CRI= 96.2

R1 =99 R2 =99 R3 =98 R4 =97 R5 =97 R6 =97 R7 =97 R8 =97

R9 =98 R10=98 R11=98 R12=72 R13=99 R14=99 R15=96

PPF:46.714umol/s (400-700nm)

PRF:10.0mW (400-700nm)

PAR:8.4mW (400-700nm)

Photo Parameters

Flux:2997.69lm Effi.:128.0lm/W Radiant:10431.1mW Iv:0.0mcd

Scotopic Flux:6392.6Plm Effi.:0.0Plm/W S/P:2.1

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:49533.699umol/s (380-780nm)

Ele. Parameters

Forward Current:If=466.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=50.25V

Reverse Current:Ir=0.00uA

Power:P=23.440W

Instrument state

Instrument:Lisun

Integral Time: 36.224ms

VPeak: 14120

VDark: 1270

Scan Range: 380-780nm

Product ID: 201508924

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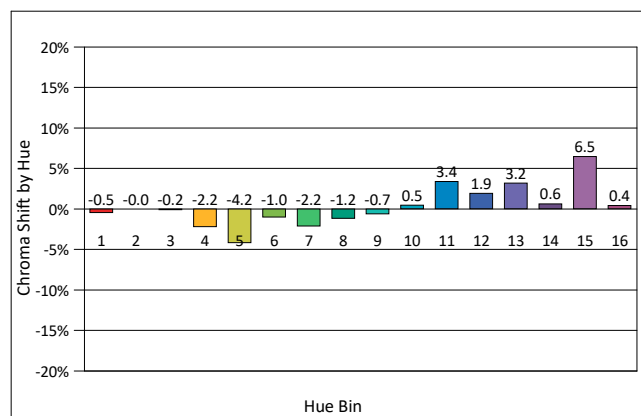
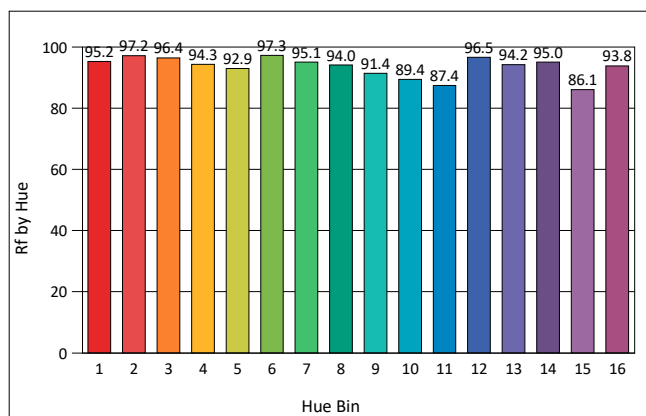
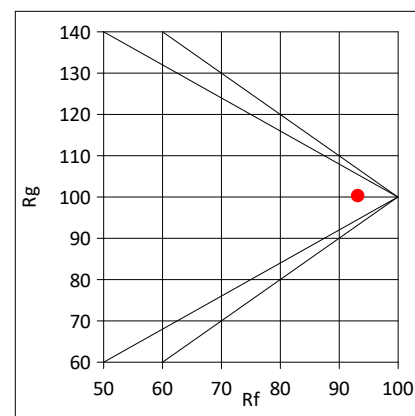
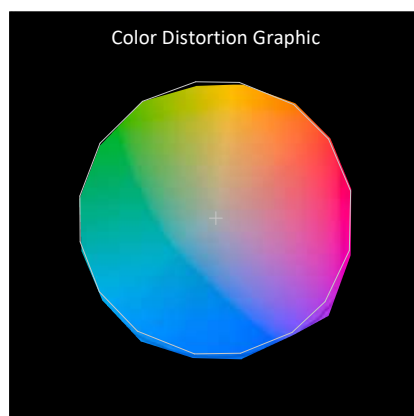
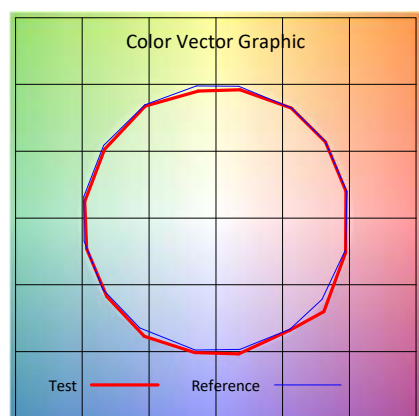
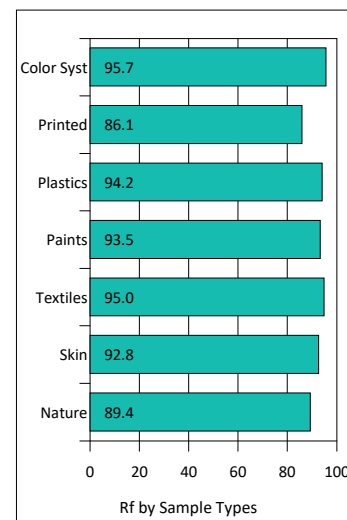
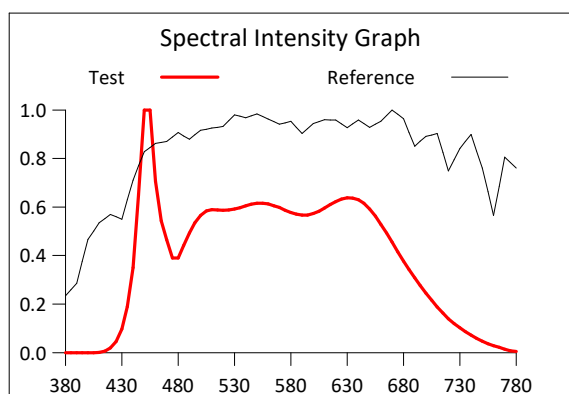
Manufacturer :

Humidity : %

Test Date : 15-04-21 15:25:29

Rf: 93.2 CCT(K): 4953 u': 0.2105
 Rg: 100.3 LER: 275.6 Duv: 0.0021 v': 0.3251

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	95.2	-0.5%	0.5%
2	97.2	-0.0%	-0.5%
3	96.4	-0.2%	0.2%
4	94.3	-2.2%	-1.5%
5	92.9	-4.2%	-0.7%
6	97.3	-1.0%	0.4%
7	95.1	-2.2%	2.0%
8	94.0	-1.2%	3.3%
9	91.4	-0.7%	6.0%
10	89.4	0.5%	6.0%
11	87.4	3.4%	6.2%
12	96.5	1.9%	0.2%
13	94.2	3.2%	-1.5%
14	95.0	0.6%	-0.6%
15	86.1	6.5%	-6.8%
16	93.8	0.4%	-2.3%



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