

LED Test Report

Product Mark

Product Type : ORCoCCT-F52-120812 WC

Manufacturer : -

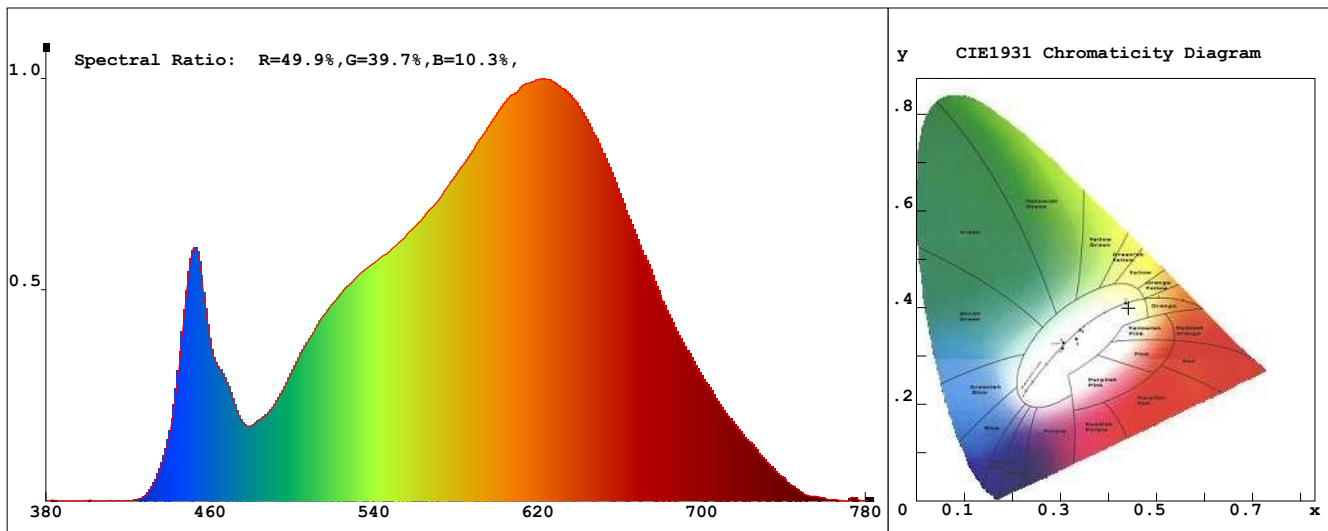
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4414 y=0.3993 u=0.2555 v=0.3468 duv=-0.0025

CCT: 2887K Dominant Wave.:584.2nm Purity:52.4% Centre Wave:601.3nm

Flux RGB Ratio:R=24.3%,G=74.0%,B=1.7% Peak Wave:620.6nm Half Width:152.4nm

Rendering Index:Ra= 92.3 CRI= 89.8

R1 =93 R2 =96 R3 =97 R4 =91 R5 =92 R6 =96 R7 =92 R8 =81

R9 =58 R10=90 R11=92 R12=80 R13=94 R14=98 R15=89

PPF:7.776umol/s (400-700nm)

PRF:1.6mW (400-700nm)

PAR:1.4mW (400-700nm)

Photo Parameters

Flux:534.82lm Effi.:79.0lm/W Radiant:1655.1mW Iv:0.0mcd

Scotopic Flux:725.5Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8185.650umol/s (380-780nm)

Ele. Parameters

Forward Current:If=282.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.02V

Reverse Current:Ir=0.00uA

Power:P=6.781W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 249.267ms

VPeak: 11496

VDark: 1199

Scan Range: 380-780nm

Product ID: 201508924

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Humidity : -%

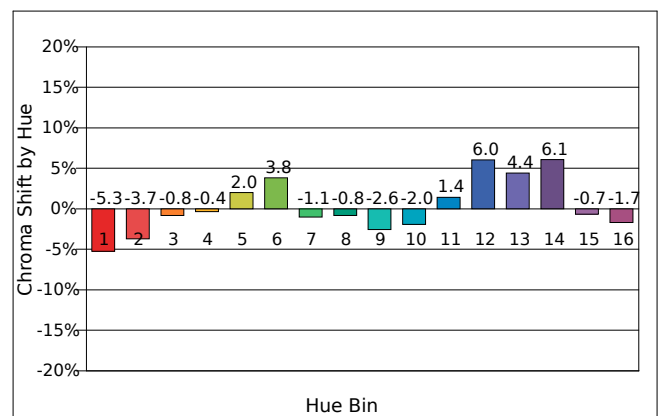
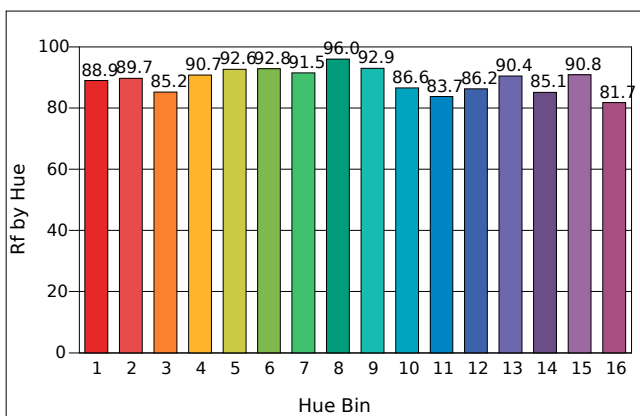
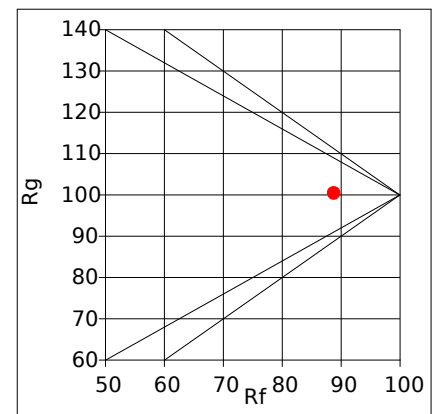
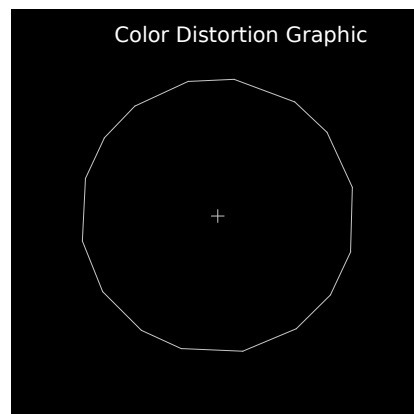
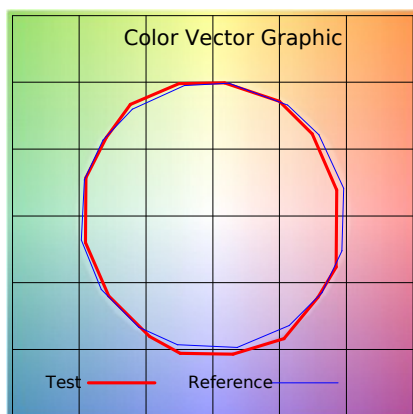
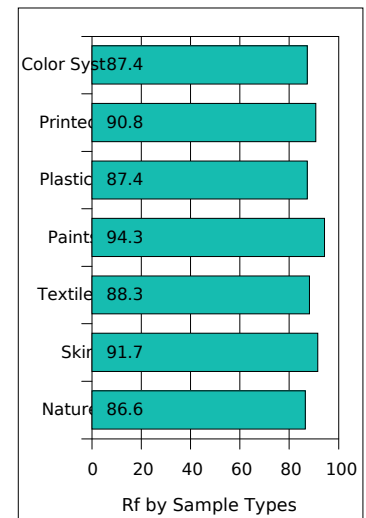
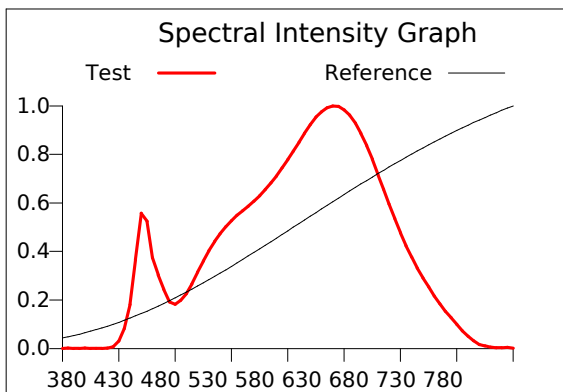
Operator : -

Test Date : 2025-03-20

Remark:

Rf: 88.8 CCT(K): 2887 u': 0.2555
 Rg: 100.4 LER: 295.0 Duv: -0.0025 v': 0.3468

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	88.9	-5.3%	-0.2%
2	89.7	-3.7%	3.5%
3	85.2	-0.8%	6.8%
4	90.7	-0.4%	3.4%
5	92.6	2.0%	3.4%
6	92.8	3.8%	-0.7%
7	91.5	-1.1%	-3.1%
8	96.0	-0.8%	-1.8%
9	92.9	-2.6%	2.3%
10	86.6	-2.0%	7.3%
11	83.7	1.4%	10.6%
12	86.2	6.0%	3.1%
13	90.4	4.4%	-4.1%
14	85.1	6.1%	-8.8%
15	90.8	-0.7%	-4.9%
16	81.7	-1.7%	-12.9%



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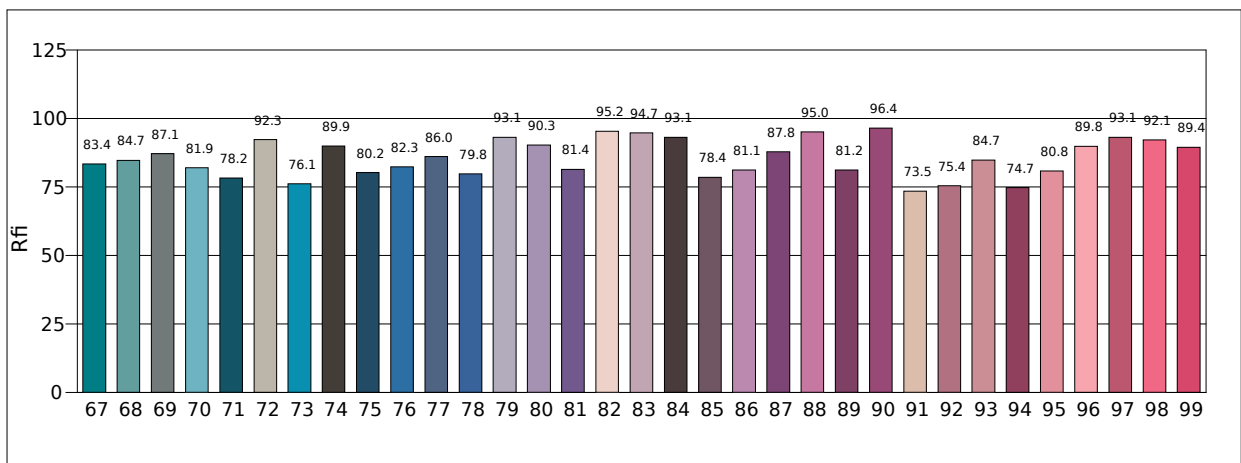
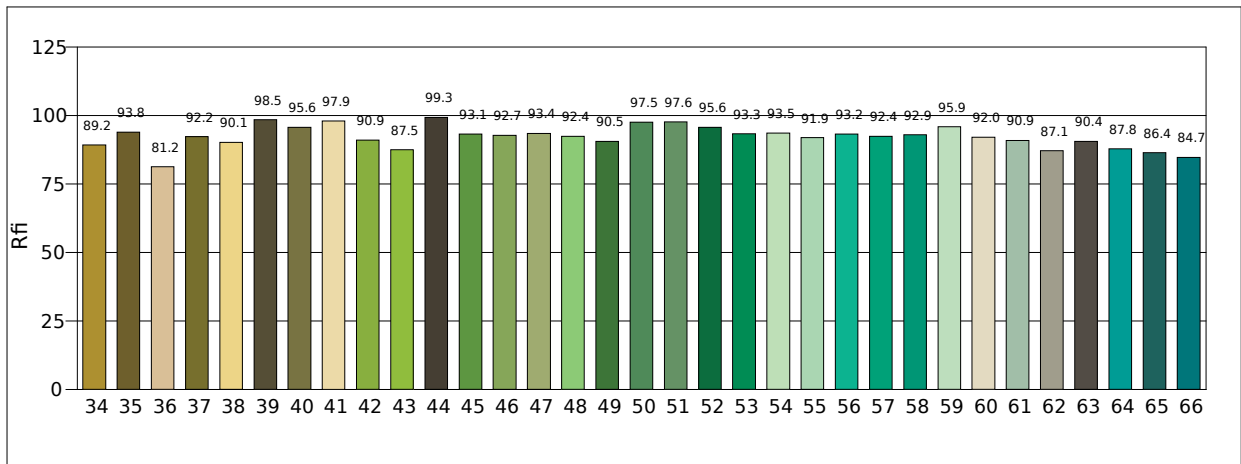
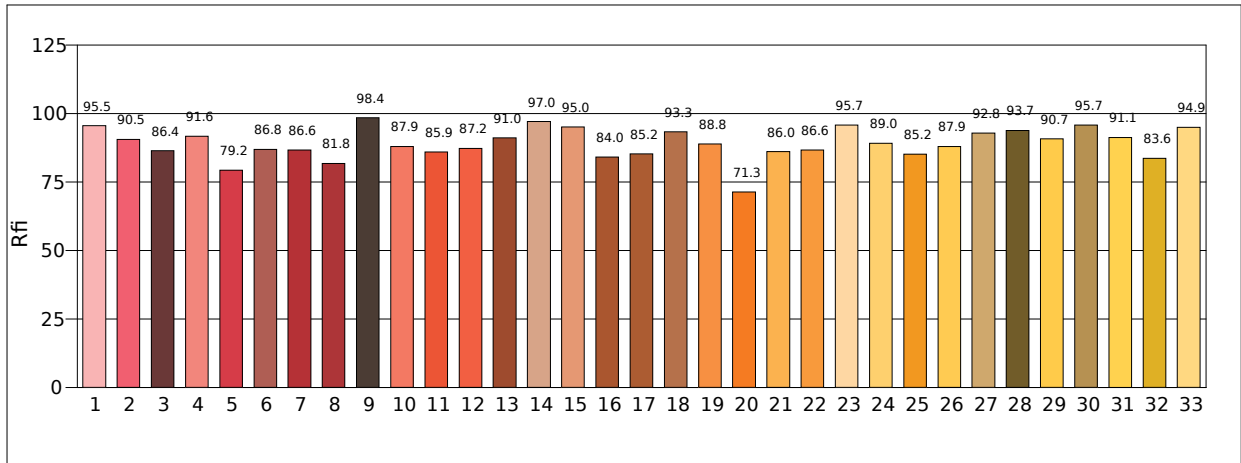
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



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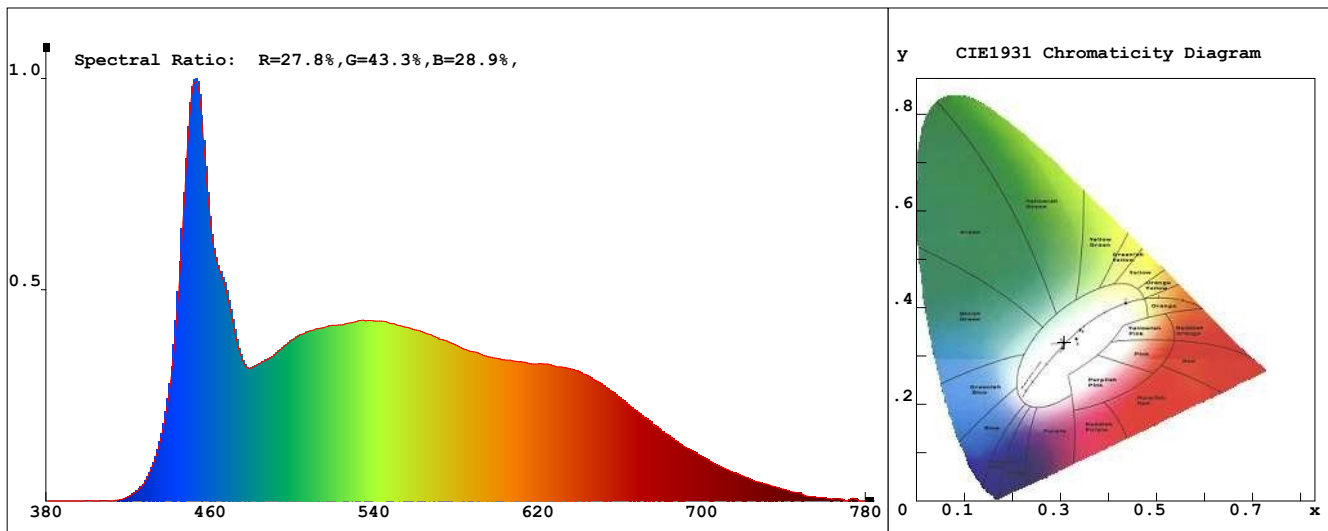
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3078 y=0.3279 u=0.1949 v=0.3113 duv=0.0051

CCT: 6787K Dominant Wave.:489.0nm Purity:9.0% Centre Wave:455.4nm

Flux RGB Ratio:R=14.0%,G=81.1%,B=4.9% Peak Wave:451.6nm Half Width:23.1nm

Rendering Index:Ra= 93.6 CRI= 91.0

R1 =93 R2 =96 R3 =96 R4 =92 R5 =93 R6 =93 R7 =95 R8 =90

R9 =77 R10=90 R11=93 R12=66 R13=94 R14=98 R15=92

PPF:8.033umol/s (400-700nm)

PRF:1.8mW (400-700nm)

PAR:1.5mW (400-700nm)

Photo Parameters

Flux:563.66lm Effi.:83.3lm/W Radiant:1815.2mW Iv:0.0mcd

Scotopic Flux:1385.0Plm Effi.:0.0Plm/W S/P:2.5

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8334.160umol/s (380-780nm)

Ele. Parameters

Forward Current:If=282.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=6.781W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 151.780ms

VPeak: 13448

VDark: 1280

Scan Range: 380-780nm

Product ID: 201508924

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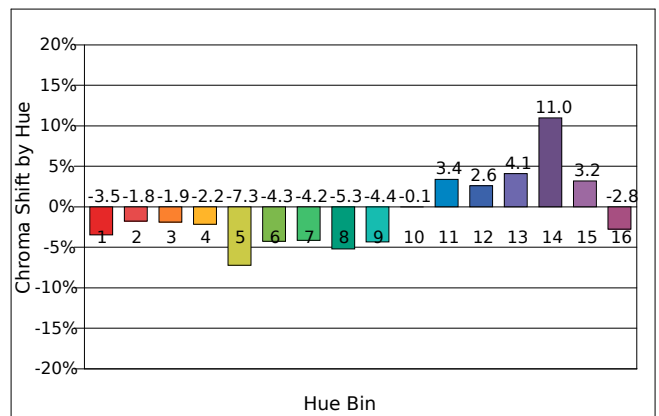
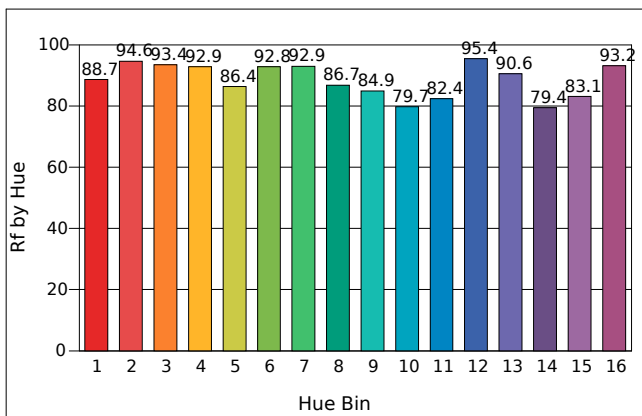
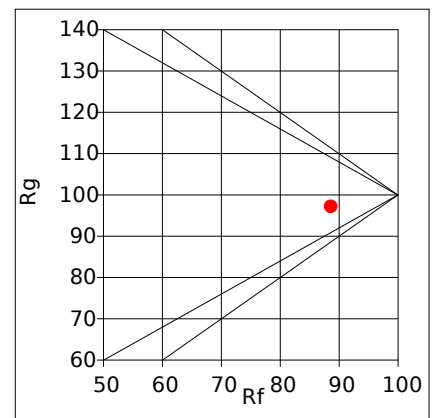
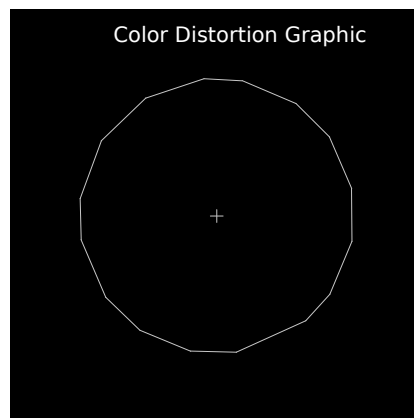
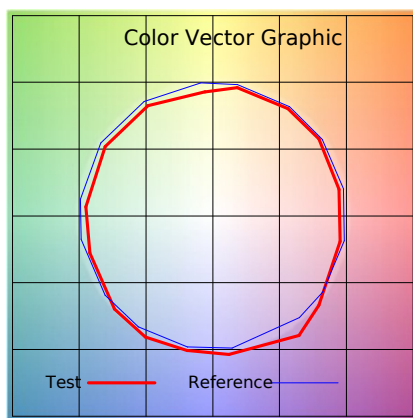
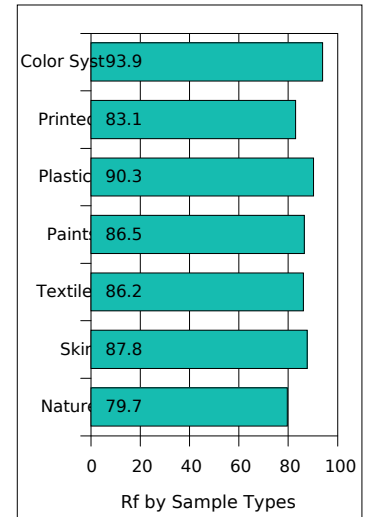
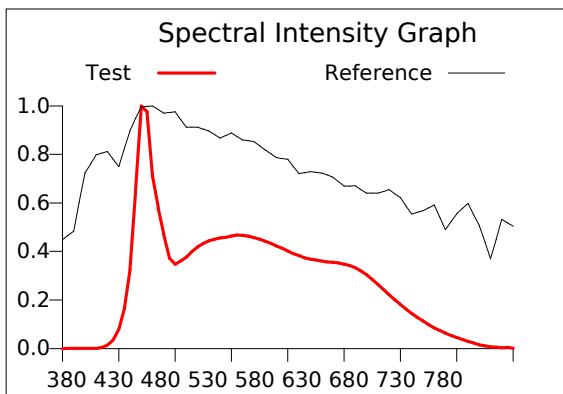
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.6 CCT(K): 6787 u': 0.1949
 Rg: 97.2 LER: 280.Duv: 0.0051 v': 0.3113

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.7	-3.5%	0.5%
2	94.6	-1.8%	1.7%
3	93.4	-1.9%	0.1%
4	92.9	-2.2%	-0.4%
5	86.4	-7.3%	-1.7%
6	92.8	-4.3%	-0.7%
7	92.9	-4.2%	0.2%
8	86.7	-5.3%	4.8%
9	84.9	-4.4%	11.3%
10	79.7	-0.1%	12.5%
11	82.4	3.4%	8.4%
12	95.4	2.6%	0.3%
13	90.6	4.1%	-3.3%
14	79.4	11.0%	-7.7%
15	83.1	3.2%	-9.8%
16	93.2	-2.8%	-1.2%



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