

LED Test Report

Product Mark

Product Type : ORCCT-F52-600OR2-W5 WC

Manufacturer : -

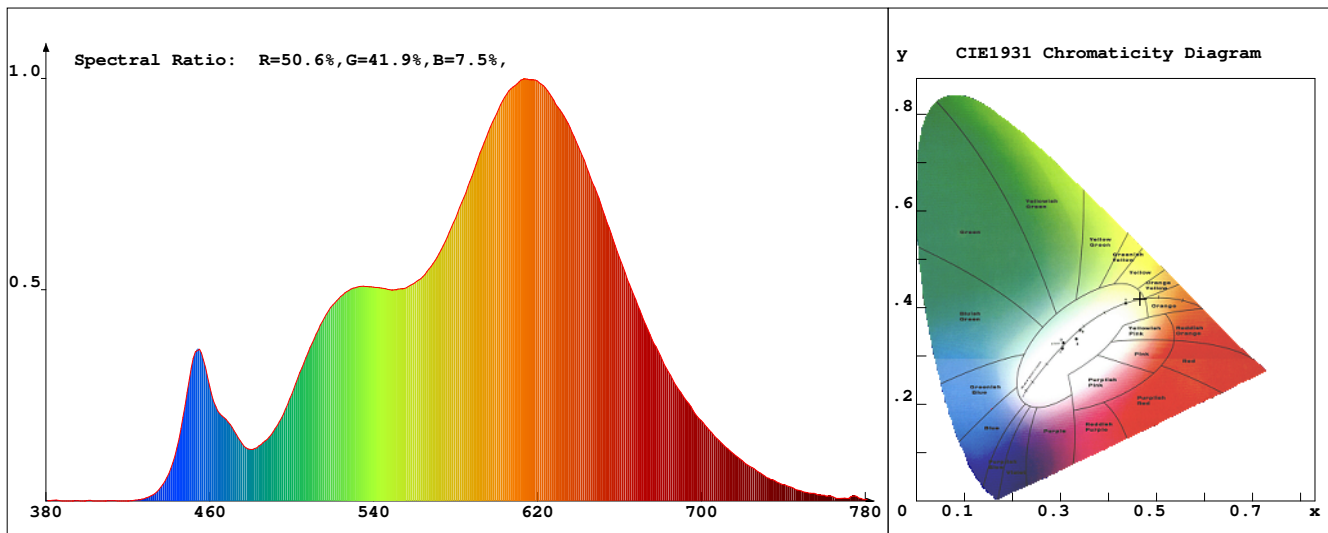
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4660$ $y=0.4185$ $u=0.2629$ $v=0.3541$ $duv=0.0024$

CCT: 2677K Dominant Wave.: 583.6nm Purity: 65.5% Centre Wave: 608.7nm

Flux RGB Ratio: $R=26.0\%$, $G=72.8\%$, $B=1.2\%$ Peak Wave: 617.5nm Half Width: 111.9nm

Rendering Index: $R_a=92.2$ CRI= 89.4

R1 =93	R2 =95	R3 =99	R4 =97	R5 =95	R6 =98	R7 =88	R8 =73
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R9 =41	R10=90	R11=97	R12=83	R13=94	R14=98	R15=84	
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PPF: 6.526 μ mol/s (400-700nm)

PRF: 1.3mW (400-700nm)

PAR: 1.2mW (400-700nm)

Photo Parameters

Flux: 446.00lm Effi.: 62.1lm/W Radiant: 1370.4mW Iv: 0.0mcd

Scotopic Flux: 560.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 6791.720 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: $I_f=301.0$ mAReverse Voltage: $V_r=5.00$ VForward Voltage: $V_f=23.85$ VReverse Current: $I_r=0.00$ uAPower: $P=7.200$ W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 361.186ms

VPeak: 15000

VDark: 1476

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

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Temperature : 'C

Humidity : -%

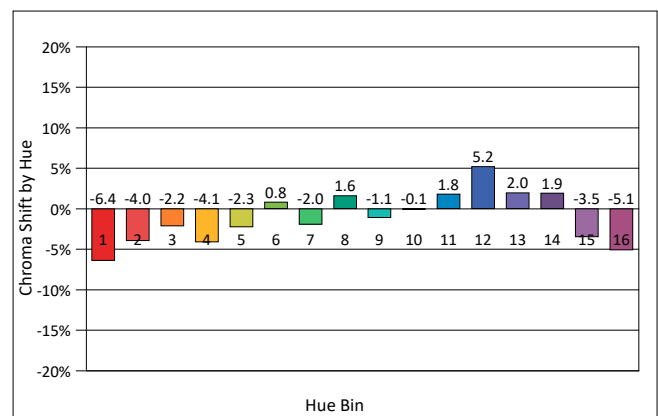
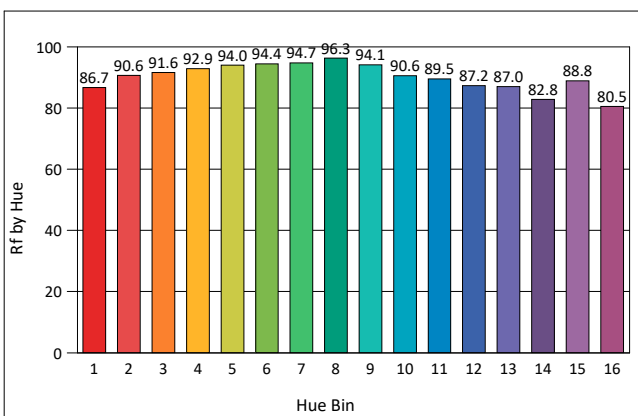
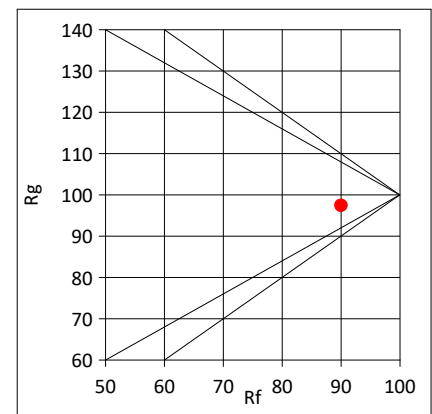
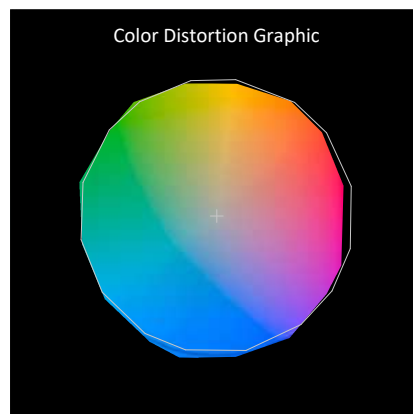
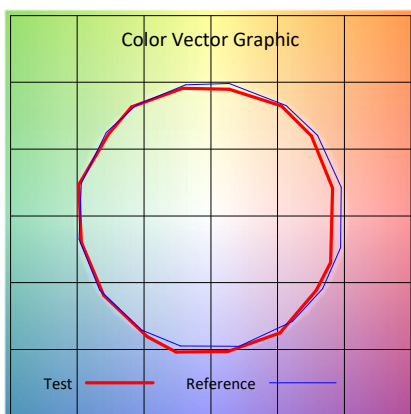
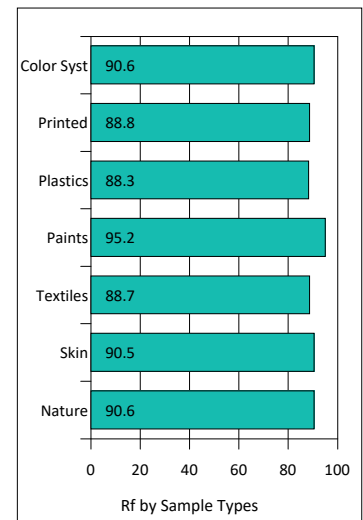
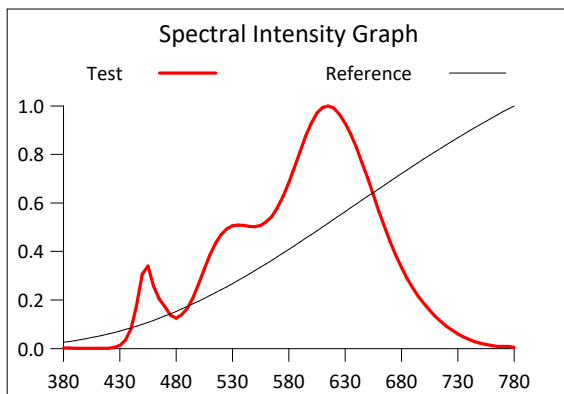
Operator : -

Test Date : 2025-02-12

Remark :

Rf: 90.0 CCT(K): 2677 u': 0.2629
 Rg: 97.4 LER: 314.8 Duv: 0.0024 v': 0.3541

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.7	-6.4%	0.5%
2	90.6	-4.0%	2.2%
3	91.6	-2.2%	2.9%
4	92.9	-4.1%	-0.7%
5	94.0	-2.3%	2.7%
6	94.4	0.8%	3.4%
7	94.7	-2.0%	0.1%
8	96.3	1.6%	1.4%
9	94.1	-1.1%	2.8%
10	90.6	-0.1%	5.1%
11	89.5	1.8%	6.3%
12	87.2	5.2%	-2.4%
13	87.0	2.0%	-8.8%
14	82.8	1.9%	-12.6%
15	88.8	-3.5%	-3.7%
16	80.5	-5.1%	-12.3%



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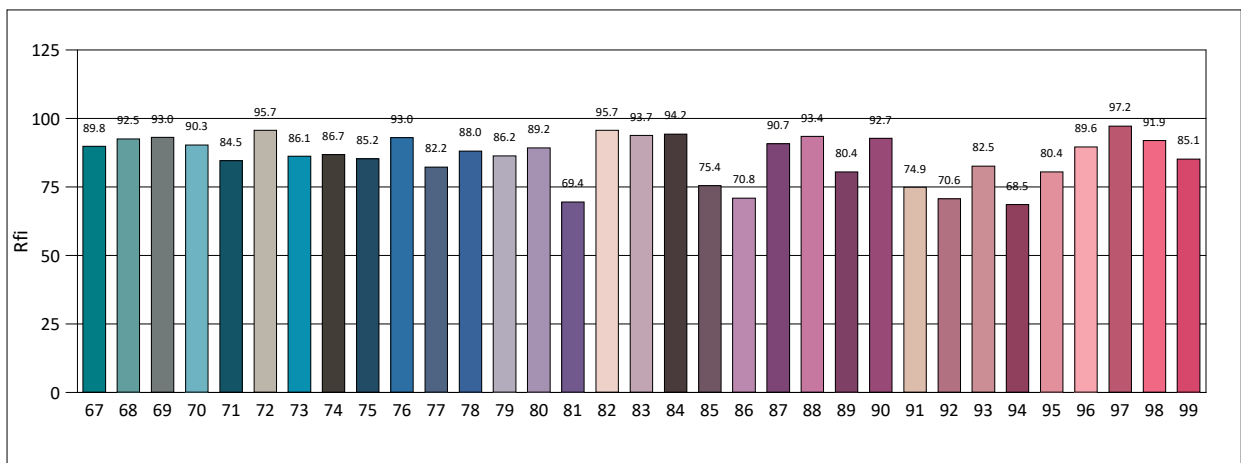
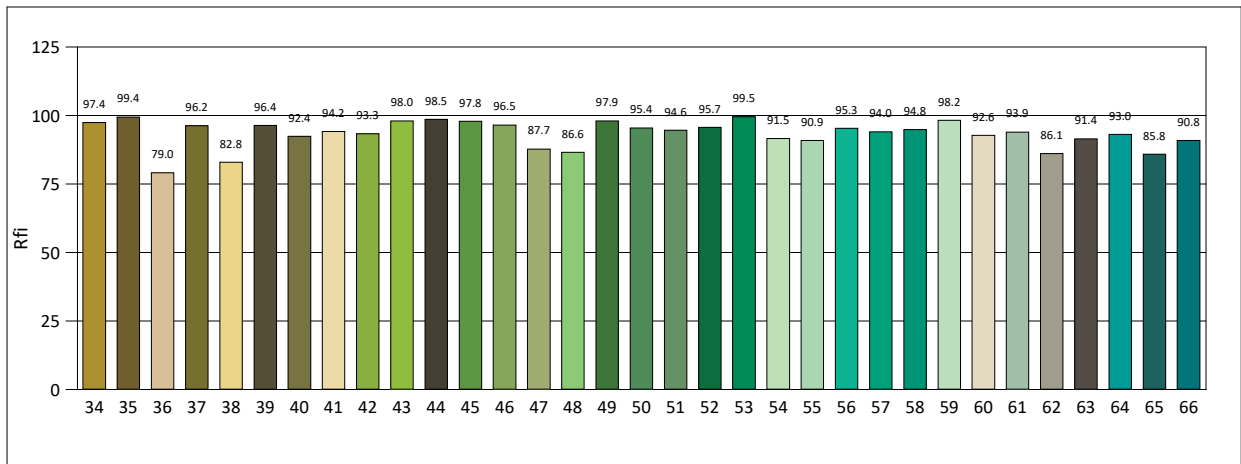
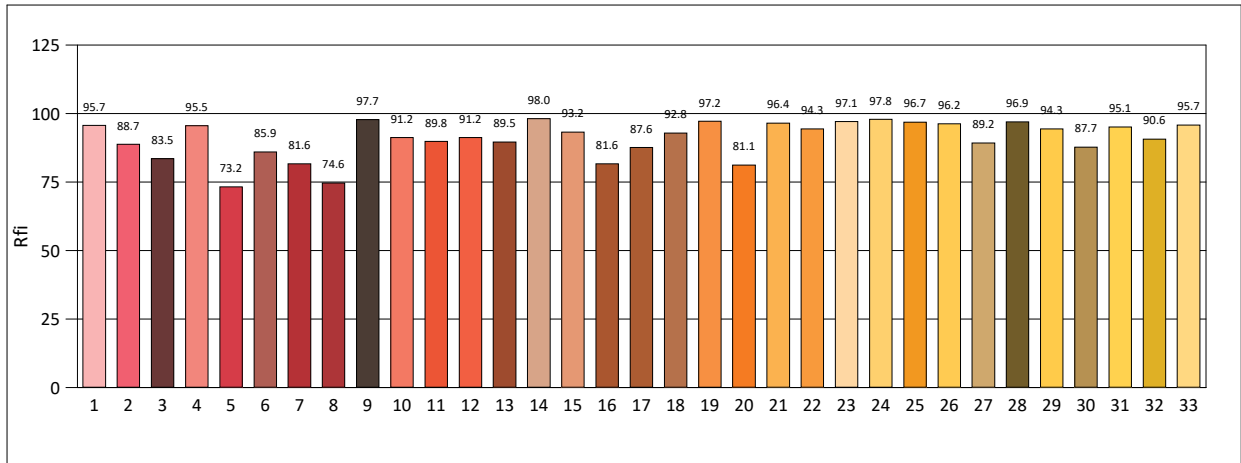
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



LED Test Report

Product Mark

Product Type : ORCCT-F52-600OR2-W5 WW

Manufacturer : -

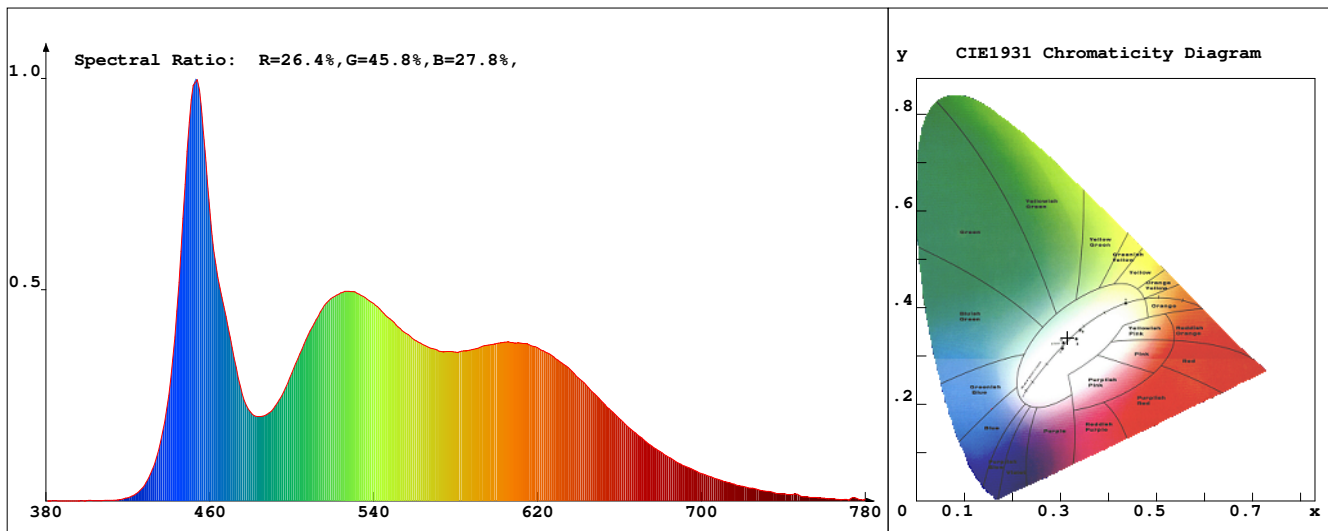
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: x=0.3146 y=0.3373 u=0.1960 v=0.3153 duv=0.0065

CCT: 6350K Dominant Wave.: 494.5nm Purity: 6.1% Centre Wave: 454.0nm

Flux RGB Ratio: R=14.7%, G=81.4%, B=4.0% Peak Wave: 452.2nm Half Width: 20.3nm

Rendering Index: Ra= 92.2 CRI= 88.2

R1 =94 R2 =93 R3 =90 R4 =94 R5 =92 R6 =89 R7 =96 R8 =89

R9 =64 R10=82 R11=91 R12=60 R13=94 R14=95 R15=91

PPF: 8.022umol/s (400-700nm)

PRF: 1.8mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 567.03lm Effi.: 78.9lm/W Radiant: 1799.4mW Iv: 0.0mcd

Scotopic Flux: 1312.0Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8222.660umol/s (380-780nm)

Ele. Parameters

Forward Current: If=301.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.87V

Reverse Current: Ir=0.00uA

Power: P=7.200W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 150.843ms

VPeak: 13896

VDark: 1315

Scan Range: 380-780nm

Product ID: 201508924

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Temperature : 'C

Humidity : -%

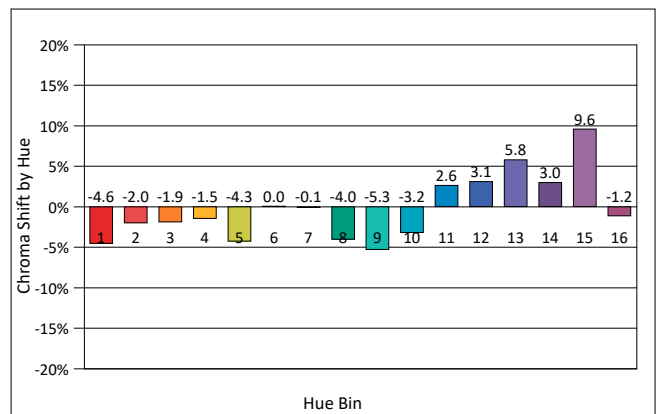
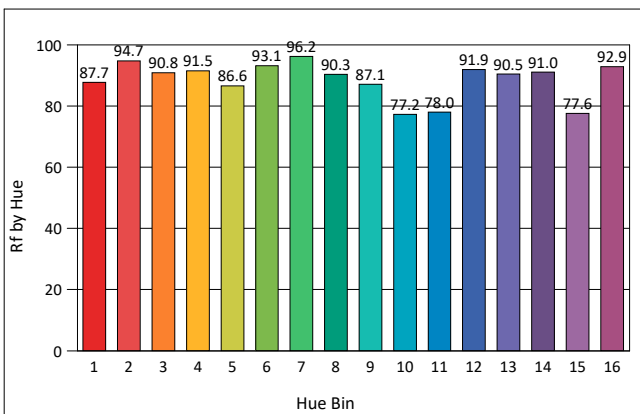
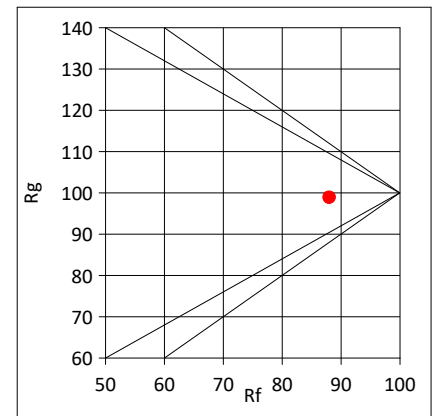
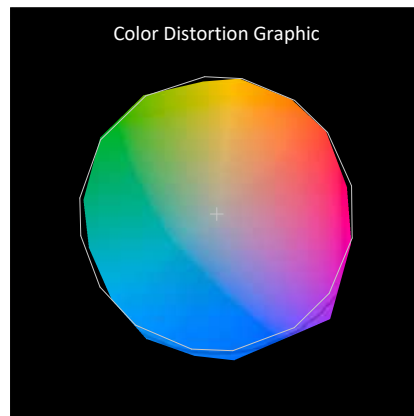
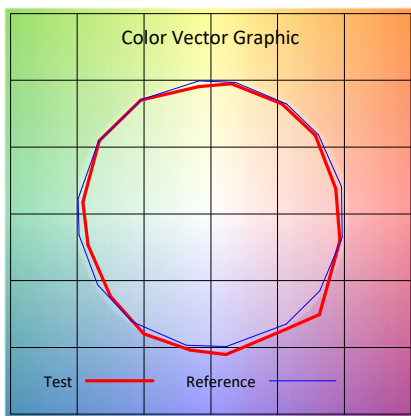
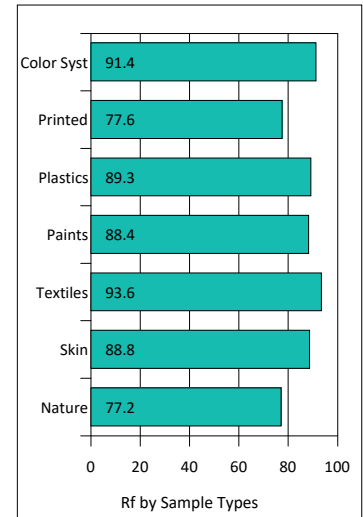
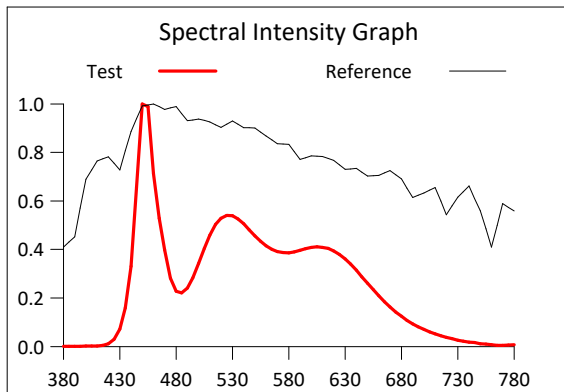
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Remark :

Rf: 88.0 CCT(K): 6350 u': 0.1960
 Rg: 98.9 LER: 299.9 Duv: 0.0065 v': 0.3153

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.7	-4.6%	-0.7%
2	94.7	-2.0%	1.1%
3	90.8	-1.9%	2.7%
4	91.5	-1.5%	2.8%
5	86.6	-4.3%	1.0%
6	93.1	0.0%	0.8%
7	96.2	-0.1%	-1.1%
8	90.3	-4.0%	1.8%
9	87.1	-5.3%	8.7%
10	77.2	-3.2%	12.5%
11	78.0	2.6%	12.3%
12	91.9	3.1%	3.6%
13	90.5	5.8%	-1.5%
14	91.0	3.0%	-2.7%
15	77.6	9.6%	-14.8%
16	92.9	-1.2%	-2.8%



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