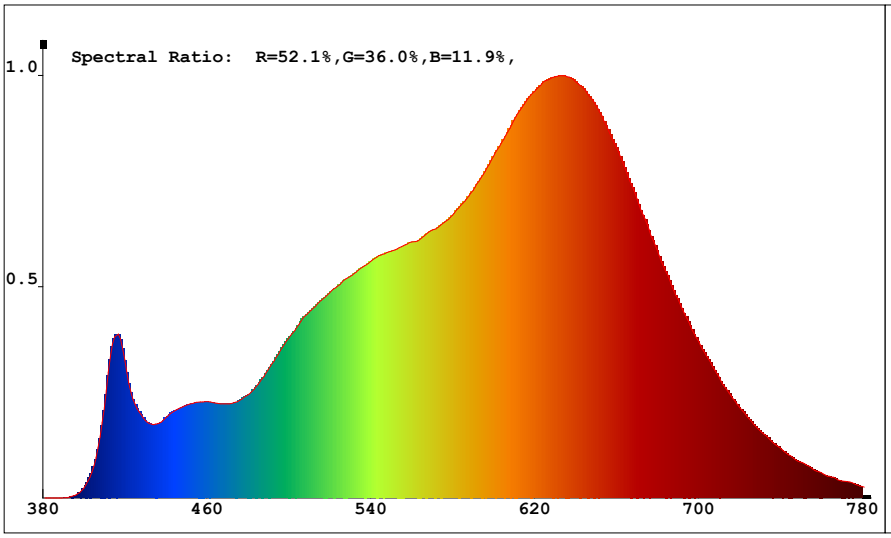
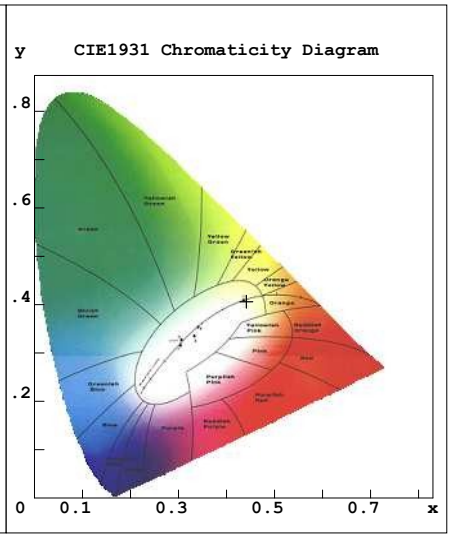
LED Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A WW Manufacturer : -
Temperature : 'C Humidity : -%
Operator : - Test Date : 2025-03-20
Remark:





Chroma Parameters

Chro.Coor.:x=0.4415 y=0.4064 u=0.2525 v=0.3487 duv=0.0003
CCT: 2943K Dominant Wave.:583.0nm Purity:54.5% Centre Wave:604.6nm
Flux RGB Ratio:R=24.8%,G=73.4%,B=1.7% Peak Wave:631.6nm Half Width:163.1nm

Rendering Index:Ra= 97.9 CRI= 96.9

R1 =97	R2 =99	R3 =98	R4 =97	R5 =98	R6 =99	R7 =98	R8 =98
R9 =90	R10=99	R11=95	R12=93	R13=97	R14=98	R15=98	

PPF:29.264umol/s(400-700nm) PRF:6.0mW(400-700nm) PAR:5.3mW(400-700nm)

Photo Parameters

Flux:1791.64lm Effi.:103.1lm/W Radiant:6411.1mW Iv:0.0mcd
Scotopic Flux:2560.2Plm Effi.:0.0Plm/W S/P:1.4
Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:31770.400umol/s(380-780nm)

Ele. Parameters

Forward Current:If=362.0mA Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=48.00V Reverse Current:Ir=0.00uA
Power:P=17.410W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 82.872ms VPeak: 13944
VDark: 1396 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A WW **Manufacturer : -**

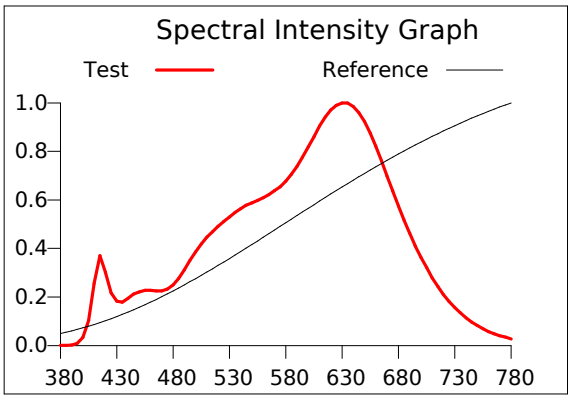
Temperature : 'C **Humidity : -%**

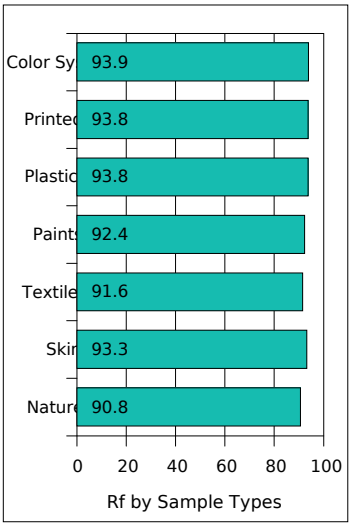
Operator : - **Test Date : 2025-03-20**

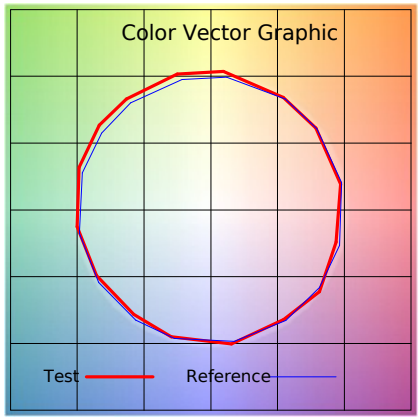
Remark:

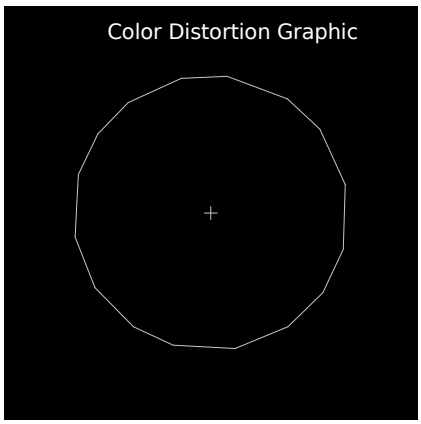
Rf: 93.2 CCT(K): 2943 u': 0.2525
Rg: 101.7 LER: 265.8 Duv: 0.0003 v': 0.3487

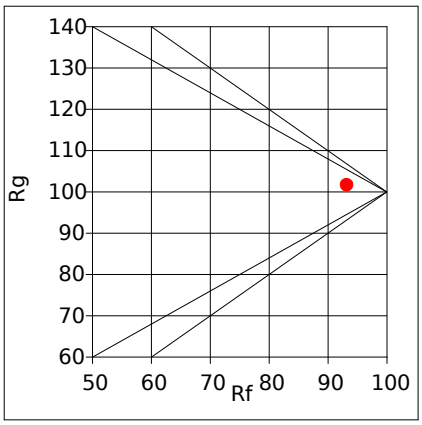
		Graphic Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	94.5	-1.0%	-1.0%
2	96.3	-0.4%	0.8%
3	95.8	0.3%	1.9%
4	92.0	3.8%	3.3%
5	92.7	4.6%	2.9%
6	92.6	4.3%	1.1%
7	89.1	4.6%	-4.0%
8	92.1	3.1%	-3.4%
9	91.1	0.6%	-5.1%
10	90.8	-1.6%	-5.4%
11	93.1	-2.9%	-3.7%
12	94.0	-0.7%	-2.5%
13	95.4	1.5%	-2.5%
14	94.1	-1.6%	-1.0%
15	93.8	1.7%	-2.7%
16	92.7	-2.9%	1.7%

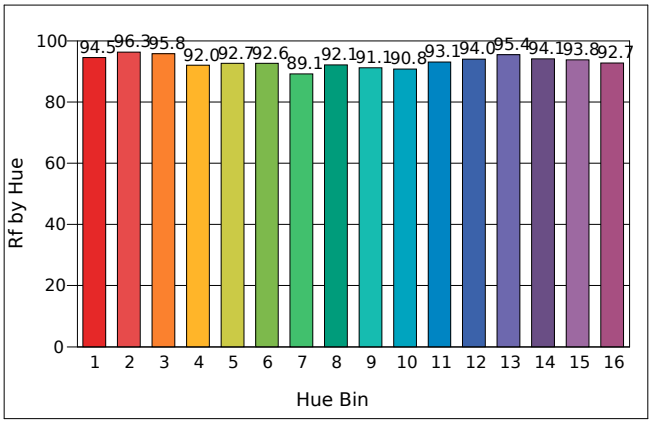


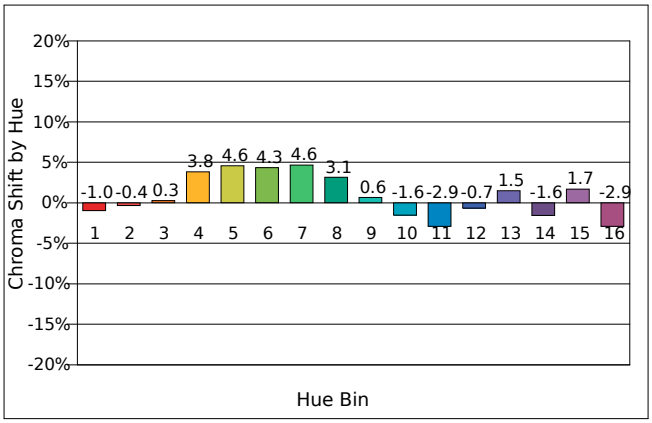








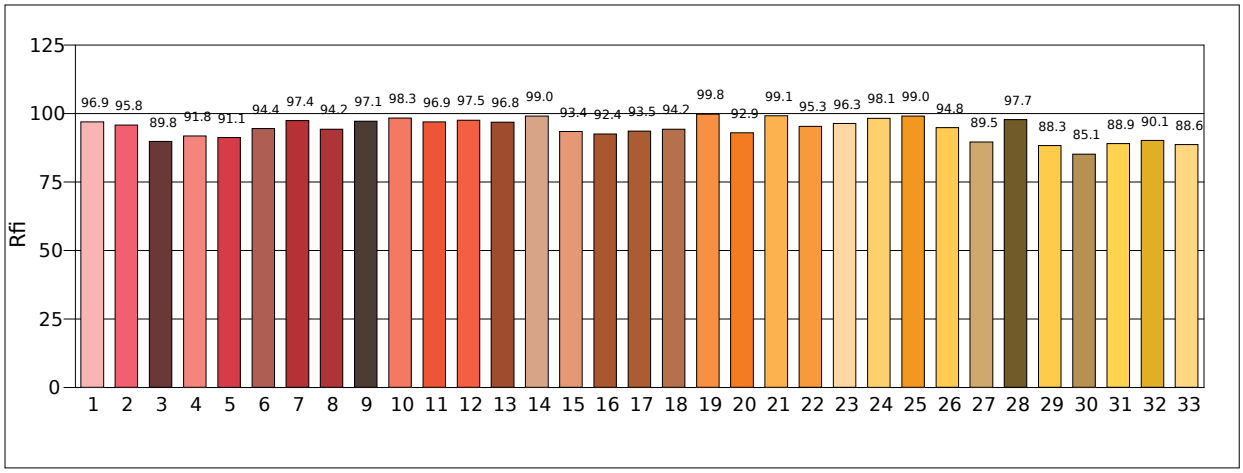


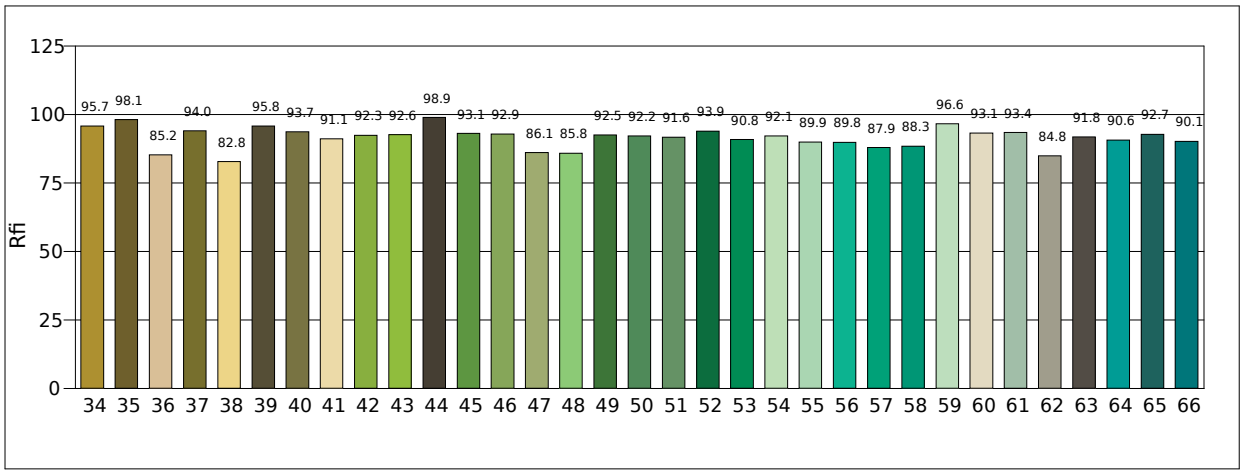


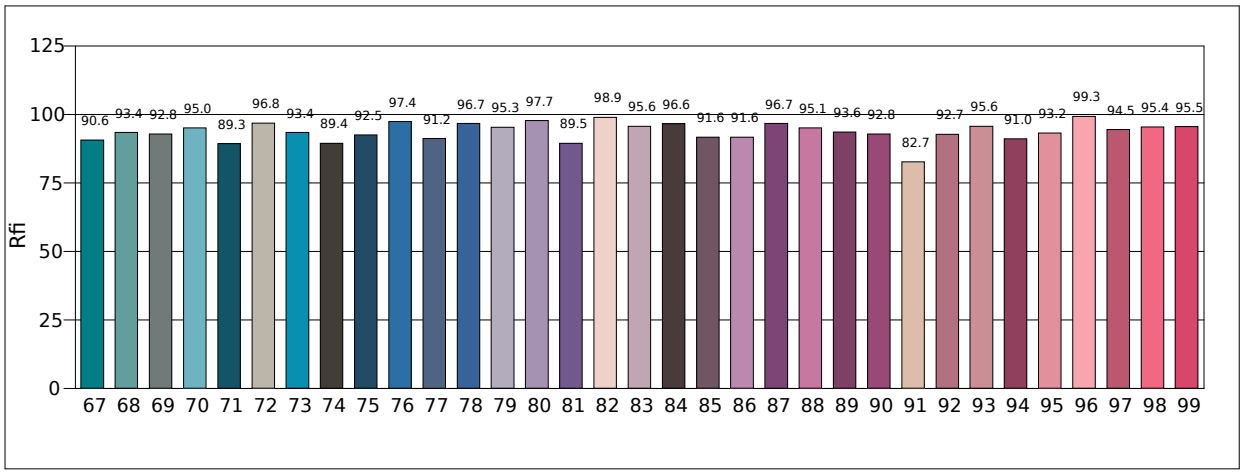
IES TM-30-2015 Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A WW
Manufacturer : -
Temperature : 'C
Humidity : -%
Operator : -
Test Date : 2025-03-20
Remark:



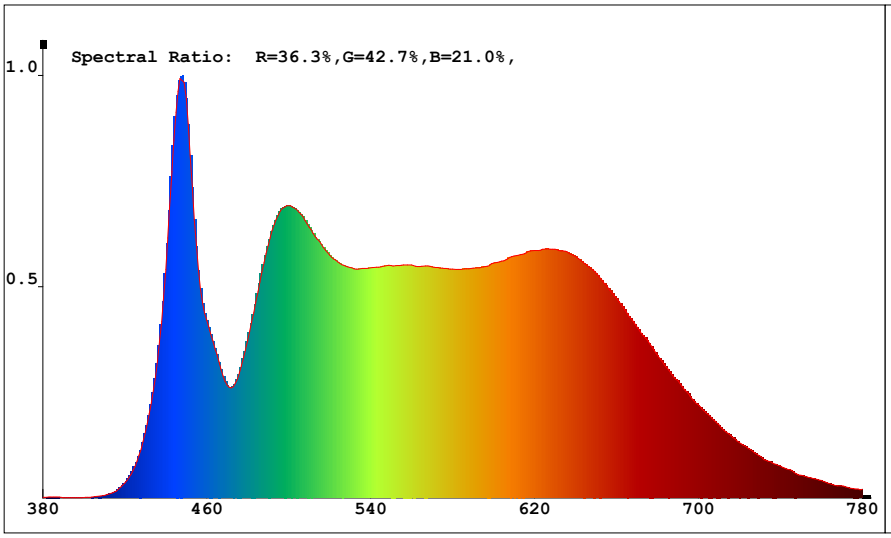


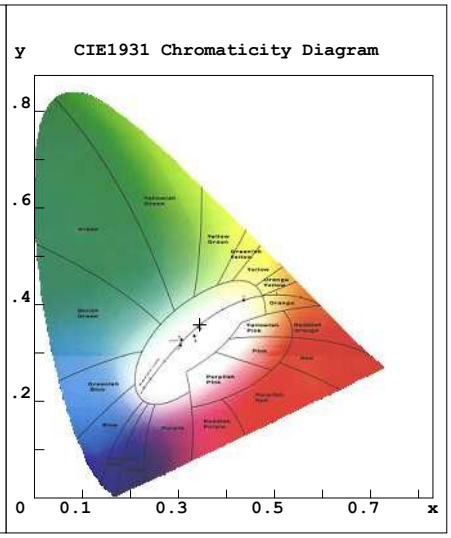


LED Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A CW Manufacturer : -
Temperature : 'C Humidity : -%
Operator : - Test Date : 2025-03-20
Remark:





Chroma Parameters

Chro.Coor.:x=0.3446 y=0.3589 u=0.2083 v=0.3254 duv=0.0038
CCT: 5043K Dominant Wave.:568.7nm Purity:11.1% Centre Wave:447.0nm
Flux RGB Ratio:R=17.3%,G=79.1%,B=3.6% Peak Wave:446.6nm Half Width:17.1nm

Rendering Index:Ra= 98.0 CRI= 97.4

R1 =98	R2 =99	R3 =98	R4 =96	R5 =98	R6 =98	R7 =99	R8 =99
R9 =97	R10=95	R11=92	R12=96	R13=98	R14=98	R15=100	

PPF:42.781umol/s(400-700nm) PRF:9.2mW(400-700nm) PAR:7.7mW(400-700nm)

Photo Parameters

Flux:2809.40lm Effi.:134.9lm/W Radiant:9629.5mW Iv:0.0mcd
Scotopic Flux:6179.5Plm Effi.:0.0Plm/W S/P:2.2
Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:45518.398umol/s(380-780nm)

Ele. Parameters

Forward Current:If=434.0mA Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=48.00V Reverse Current:Ir=0.00uA
Power:P=20.841W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 48.568ms VPeak: 13640
VDark: 1380 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A CW **Manufacturer : -**

Temperature : 'C **Humidity : -%**

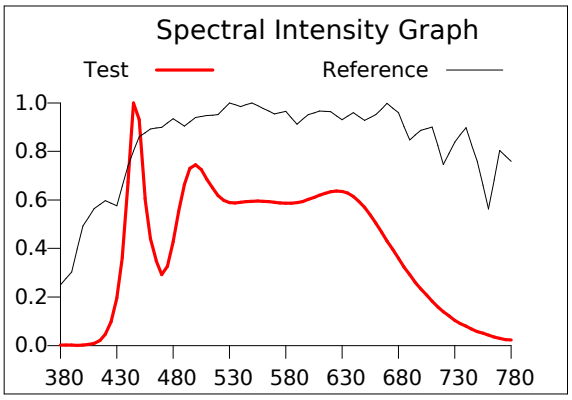
Operator : - **Test Date : 2025-03-20**

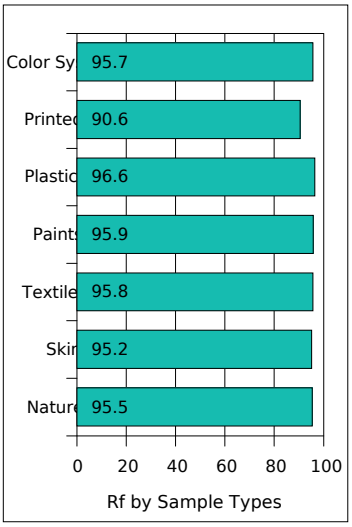
Remark:

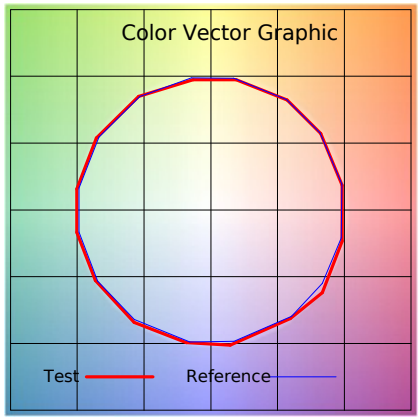
Rf: 95.7 CCT(K): 5043 u': 0.2083

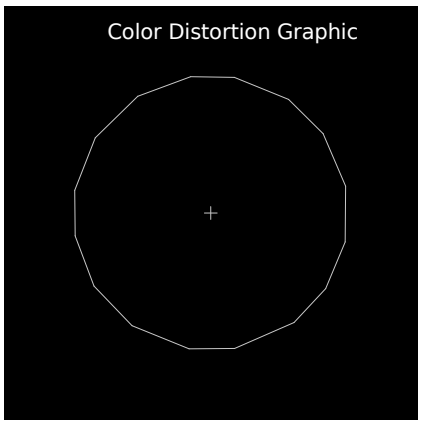
Rg: 101.7 LER: 274.2 Duv: 0.0038 v': 0.3254

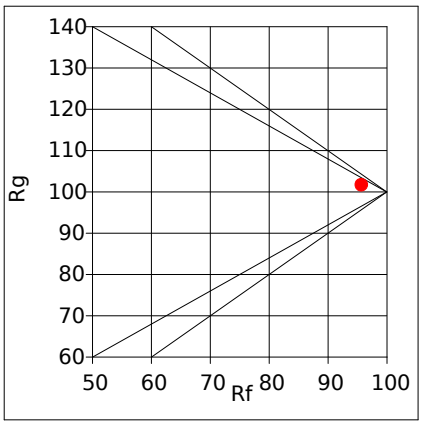
		Graphic Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	96.9	0.0%	-1.1%
2	97.9	0.3%	-0.7%
3	96.2	0.2%	-0.6%
4	95.5	-0.8%	-2.3%
5	95.7	-1.8%	-0.8%
6	97.6	0.6%	0.9%
7	95.9	1.2%	1.6%
8	96.1	1.4%	1.0%
9	96.0	1.7%	-0.2%
10	95.5	1.1%	-1.2%
11	95.6	1.9%	1.1%
12	95.4	1.2%	-2.3%
13	94.4	2.1%	-3.4%
14	95.6	1.0%	-1.7%
15	90.6	4.0%	-5.9%
16	95.0	1.0%	-2.2%

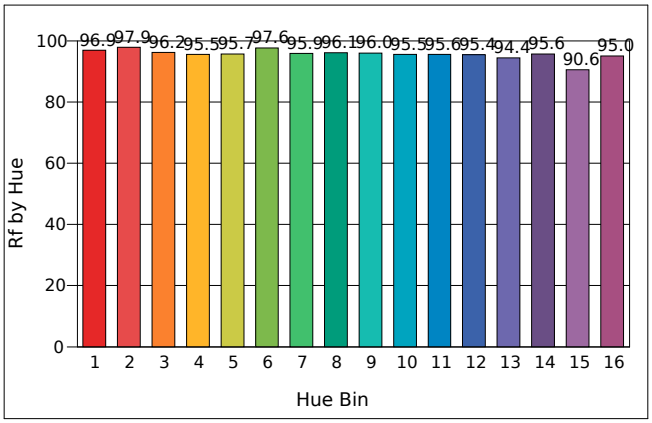


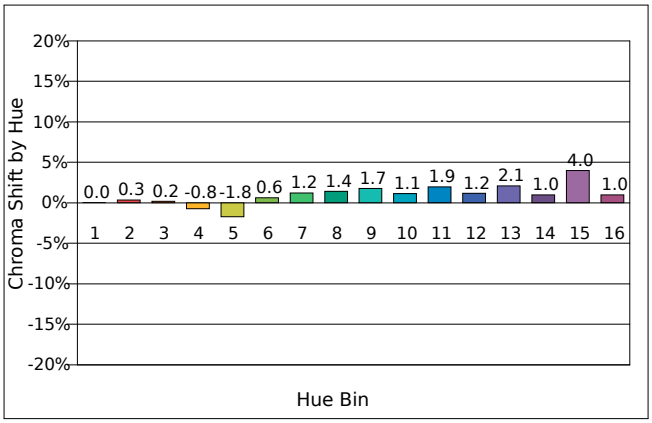












IES TM-30-2015 Test Report

Product Mark

Product Type : ORCCT35-F52-2568U4A CW
Manufacturer : -
Temperature : 'C
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