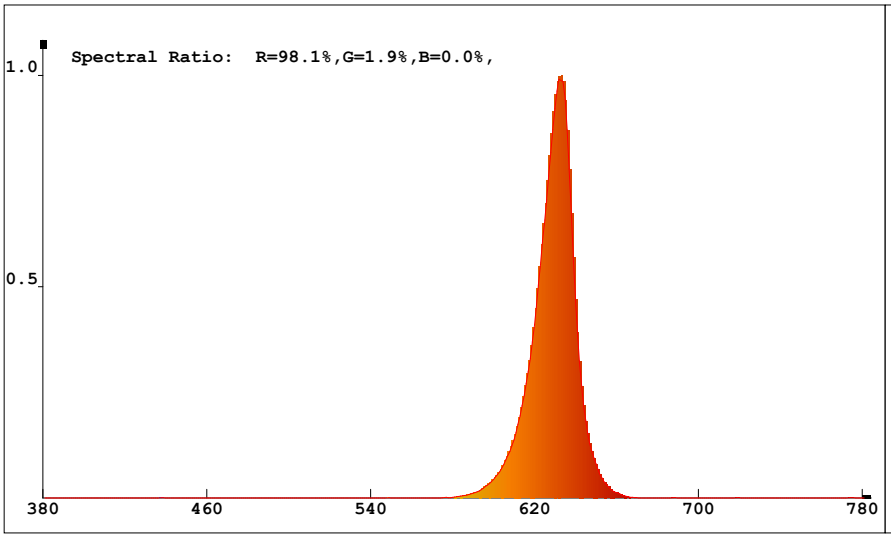
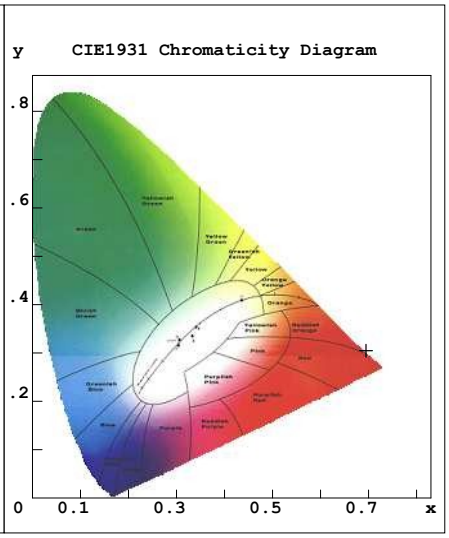
LED Test Report

Product Mark

Product Type : NEO6-RED-120812-10 Manufacturer : -
Temperature : 'C Humidity : -%
Operator : - Test Date : 2025-03-20
Remark:





Chroma Parameters

Chro.Coor.:x=0.6948 y=0.3047 u=0.5276 v=0.3471 duv=-0.0007
CCT: 1350K Dominant Wave.:621.9nm Purity:99.9% Centre Wave:629.8nm
Flux RGB Ratio:R=95.6%,G=4.4%,B=0.0% Peak Wave:631.6nm Half Width:18.0nm

Rendering Index:Ra=-13.1 CRI= 93.3

R1 =-45 R2 =50 R3 =20 R4 =-63 R5 =-29 R6 =55 R7 =-1 R8 =-91
R9 =-306 R10=36 R11=-81 R12=23 R13=-22 R14=46 R15=-70
PPF:1.838umol/s(400-700nm) PRF:0.4mW(400-700nm) PAR:0.3mW(400-700nm)

Photo Parameters

Flux:35.75lm Effi.:5.6lm/W Radiant:350.3mW Iv:0.0mcd
Scotopic Flux:3.7Plm Effi.:0.0Plm/W S/P:0.1
Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:1839.160umol/s(380-780nm)

Ele. Parameters

Forward Current:If=348.0mA Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=24.70V Reverse Current:Ir=0.00uA
Power:P=8.611W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 196.478ms VPeak: 14840
VDark: 1326 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

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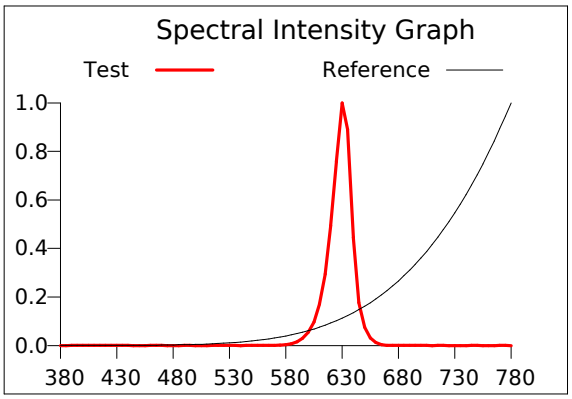
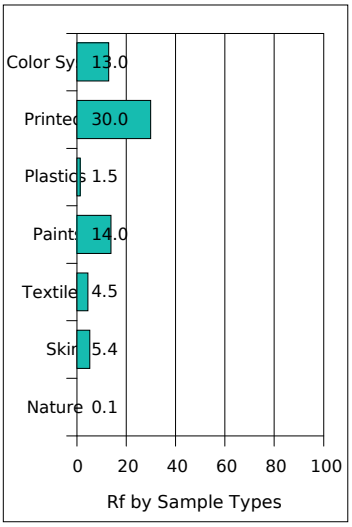
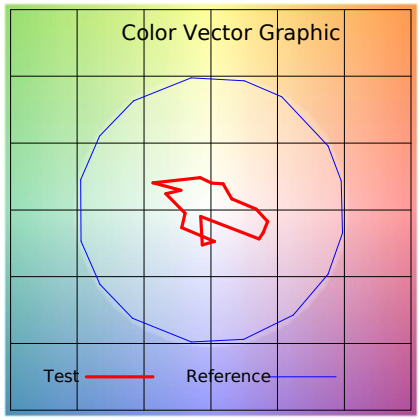
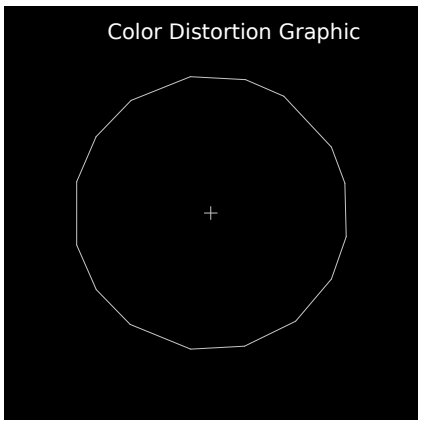
Rf: 2.4 CCT(K): 1350 u': 0.5276
Rg: 6.3 LER: 201.9 Duv: -0.0007 v': 0.3471

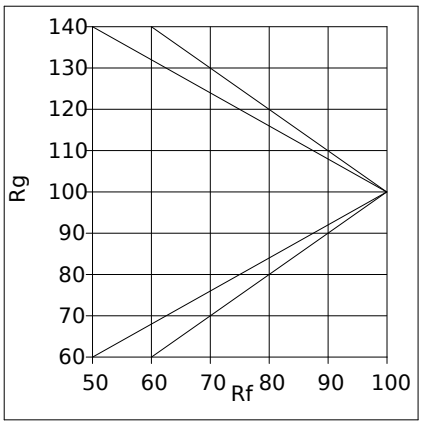
		Graphic Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	0.0	-66.6%	-8.1%
2	0.1	-82.0%	7.1%
3	40.4	-78.6%	0.3%
4	22.3	-80.0%	8.8%
5	39.1	-74.6%	8.0%
6	37.5	-59.2%	22.0%
7	0.2	-73.2%	-0.2%
8	1.7	-64.6%	-2.1%
9	0.1	-80.4%	-5.2%
10	0.1	-74.6%	-1.1%
11	0.9	-81.9%	19.0%
12	0.4	-73.0%	-6.3%
13	45.7	-96.4%	-13.7%
14	28.6	-61.7%	10.4%
15	30.0	-57.5%	-1.4%
16	8.5	-56.5%	-2.6%

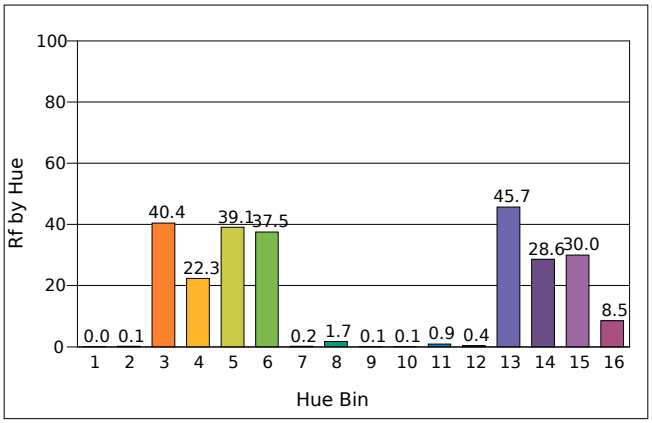


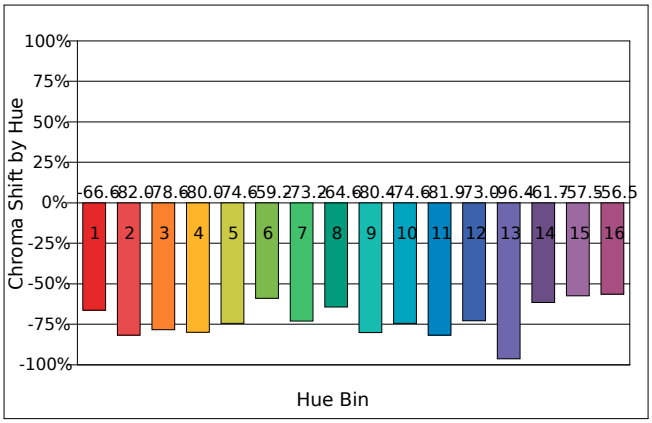












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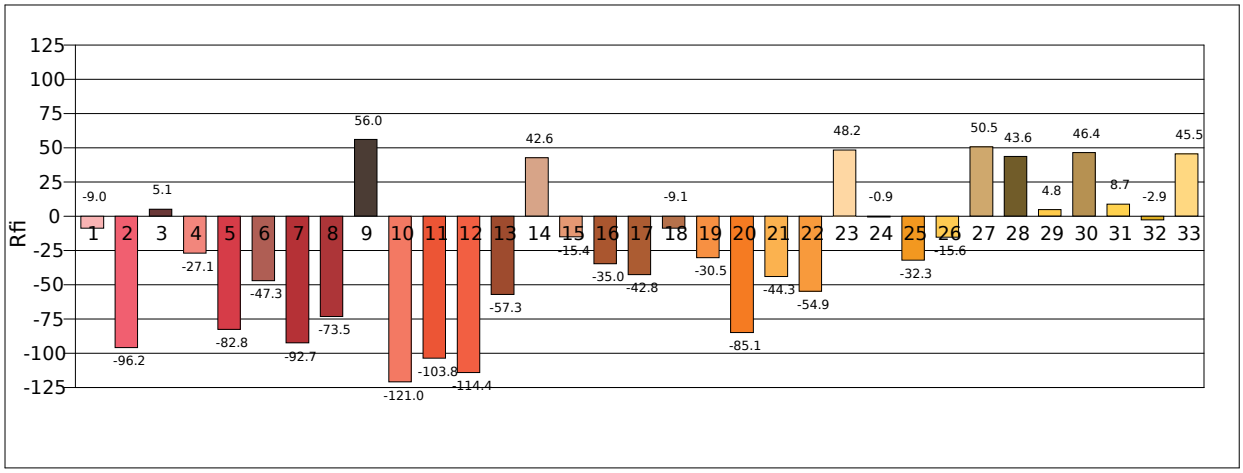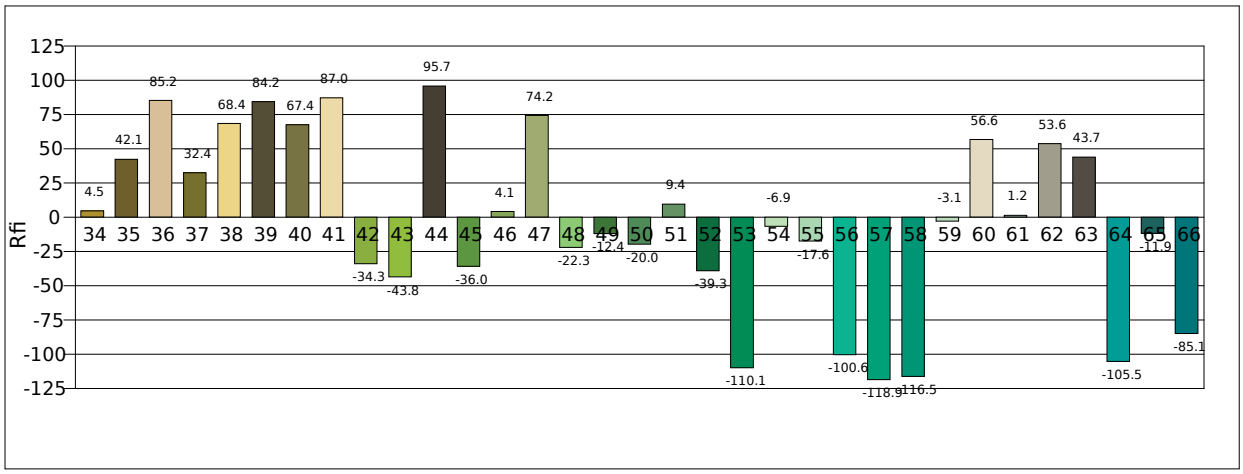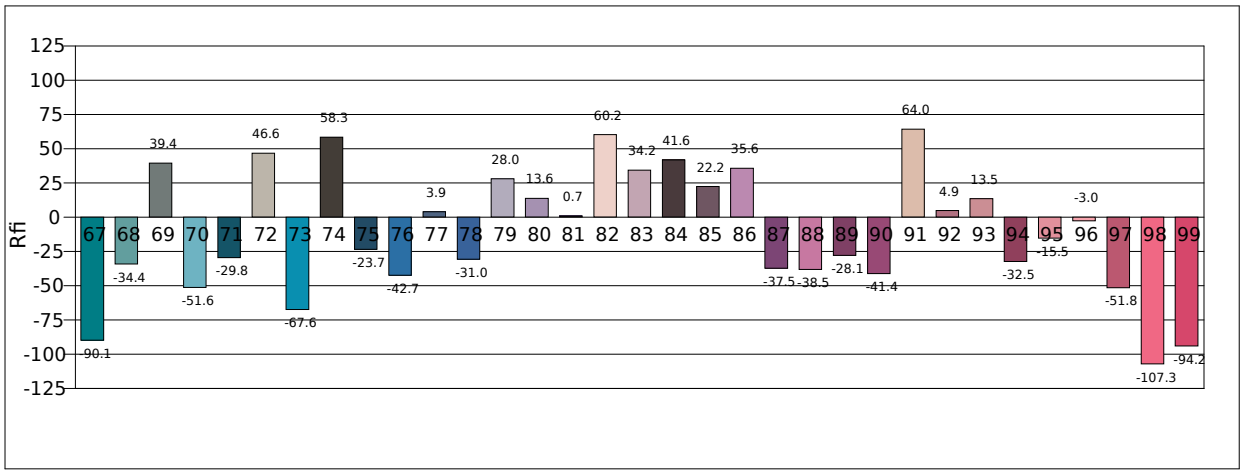
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