

LED Test Report

Product Mark

Product Type : NEO10ES-300-1608L2-5

Manufacturer : -

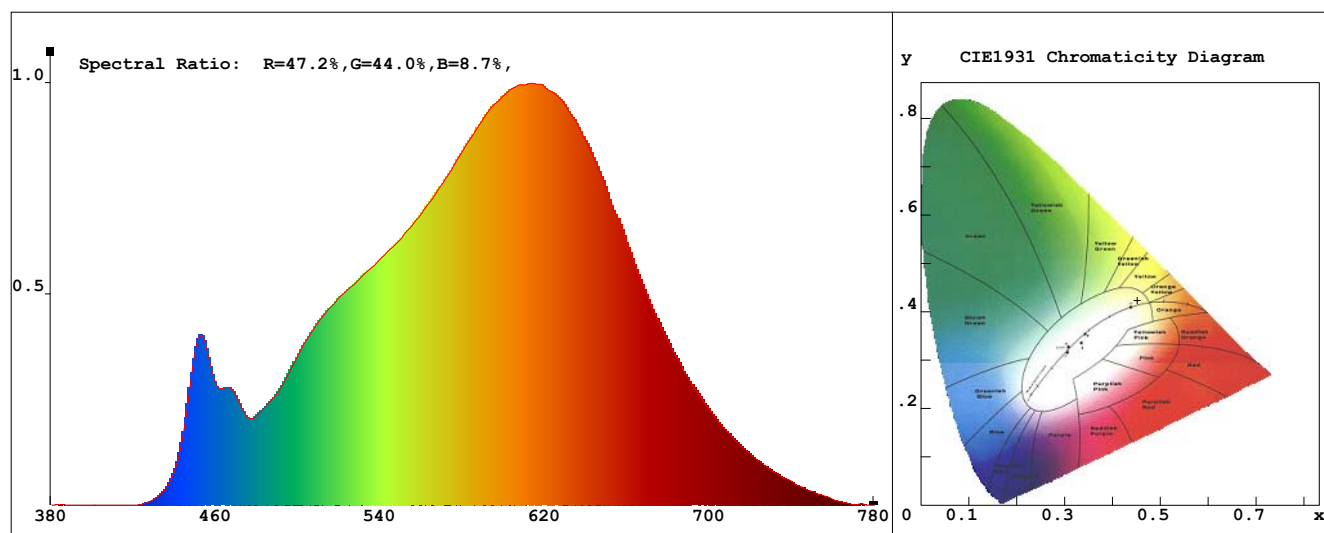
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-03-22

Remark:



Chroma Parameters

Chro.Coord.:x=0.4516 y=0.4233 u=0.2517 v=0.3539 duv=0.0055

CCT: 2918K Dominant Wave.:581.5nm Purity:62.6% Centre Wave:595.2nm

Flux RGB Ratio:R=22.9%,G=75.5%,B=1.6% Peak Wave:614.6nm Half Width:146.7nm

Rendering Index:Ra= 87.3 CRI= 83.8

R1 =85 R2 =92 R3 =99 R4 =87 R5 =86 R6 =92 R7 =88 R8 =70

R9 =32 R10=83 R11=87 R12=71 R13=87 R14=99 R15=78

PPF:10.479umol/s (400-700nm)

PRF:2.1mW (400-700nm)

PAR:1.9mW (400-700nm)

Photo Parameters

Flux:744.07lm Effi.:92.4lm/W Radiant:2222.3mW Iv:0.0mcd

Scotopic Flux:988.8Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:10956.900umol/s (380-780nm)

Ele. Parameters

Forward Current:If=335.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.03V

Reverse Current:Ir=0.00uA

Power:P=8.051W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 198.902ms

VPeak: 13592

VDark: 1296

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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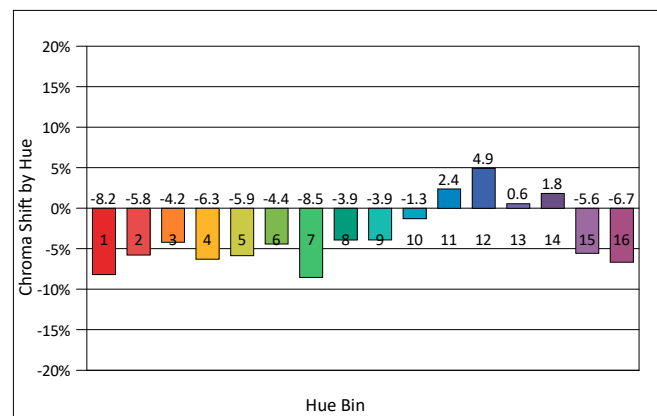
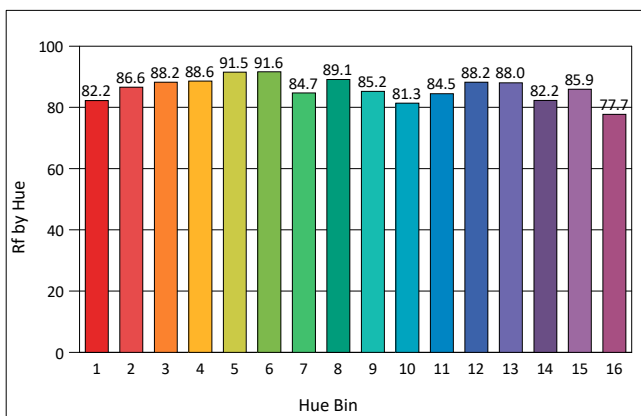
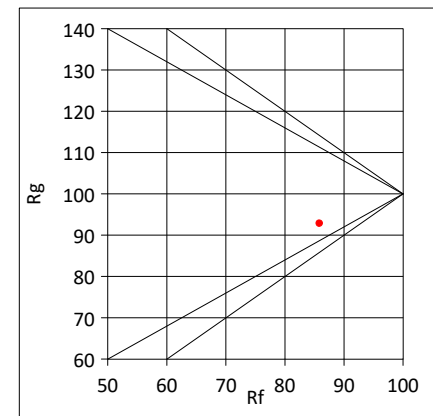
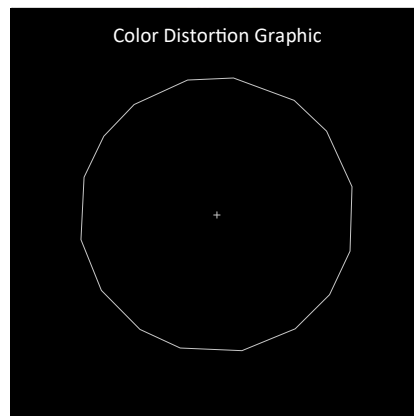
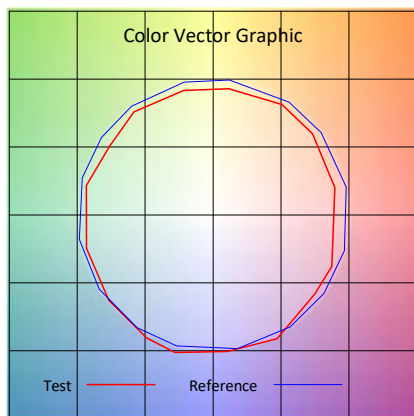
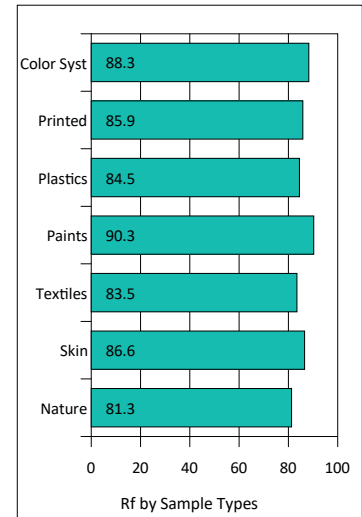
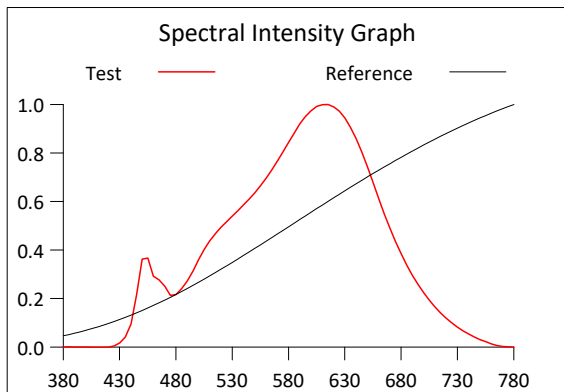
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Rf: 85.8 CCT(K): 2918 u': 0.2517
 Rg: 92.9 LER: 319.5 Duv: 0.0055 v': 0.3539

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	82.2	-8.2%	1.2%
2	86.6	-5.8%	2.7%
3	88.2	-4.2%	3.4%
4	88.6	-6.3%	-0.8%
5	91.5	-5.9%	1.5%
6	91.6	-4.4%	0.7%
7	84.7	-8.5%	2.0%
8	89.1	-3.9%	5.0%
9	85.2	-3.9%	7.5%
10	81.3	-1.3%	10.8%
11	84.5	2.4%	10.3%
12	88.2	4.9%	-0.4%
13	88.0	0.6%	-8.0%
14	82.2	1.8%	-12.7%
15	85.9	-5.6%	-3.9%
16	77.7	-6.7%	-13.1%



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