

LED Test Report

Product Mark

Product Type : NEO10-300-120811-50

Manufacturer :

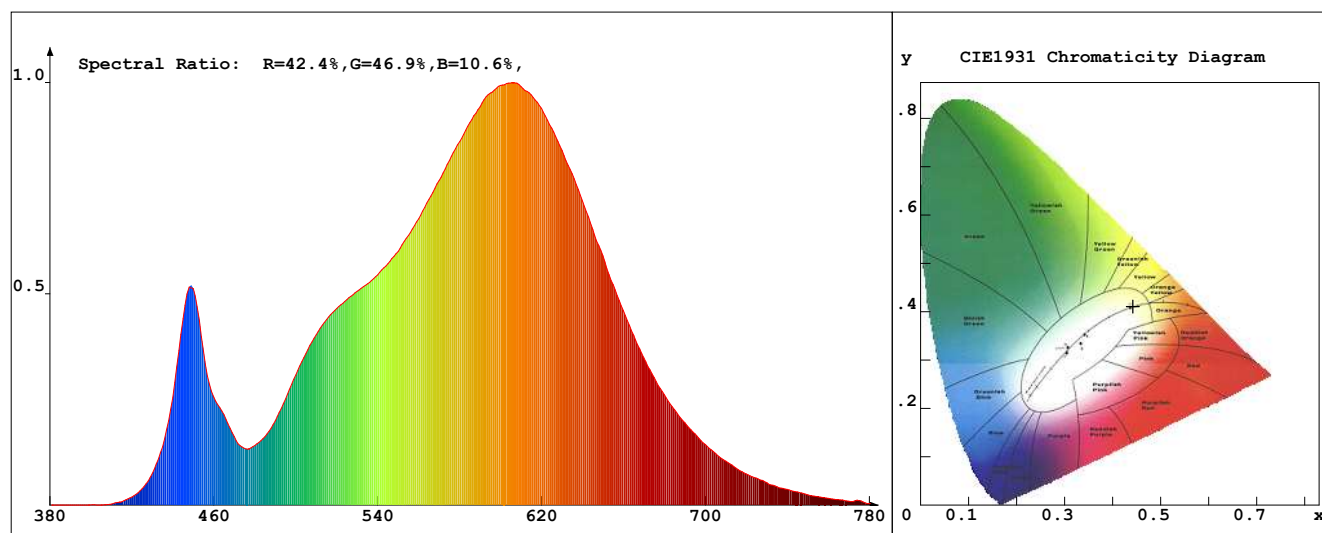
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 00:40:21

Remark:



Chroma Parameters

Chro.Coord.:x=0.4420 y=0.4106 u=0.2511 v=0.3498 duv=0.0019

CCT: 2968K Dominant Wave.:582.3nm Purity:55.9% Centre Wave:591.4nm

Flux RGB Ratio:R=22.0%,G=76.7%,B=1.3% Peak Wave:604.8nm Half Width:128.2nm

Rendering Index:Ra= 81.6 CRI= 78.5

R1 =79 R2 =89 R3 =97 R4 =81 R5 =80 R6 =87 R7 =83 R8 =58

R9 =2 R10=75 R11=81 R12=69 R13=81 R14=99 R15=71

PPF:10.687umol/s (400-700nm)

PRF:2.2mW (400-700nm)

PAR:2.0mW (400-700nm)

Photo Parameters

Flux:785.05lm Effi.:91.0lm/W Radiant:2270.2mW Iv:0.0mcd

Scotopic Flux:1015.7Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:11038.600umol/s (380-780nm)

Ele. Parameters

Voltage:U=12.36V

Current:I=0.6980A

Power:P=8.631W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 190.665ms

VPeak: 14696

VDark: 1253

Scan Range: 380-780nm

Product ID: 201508924

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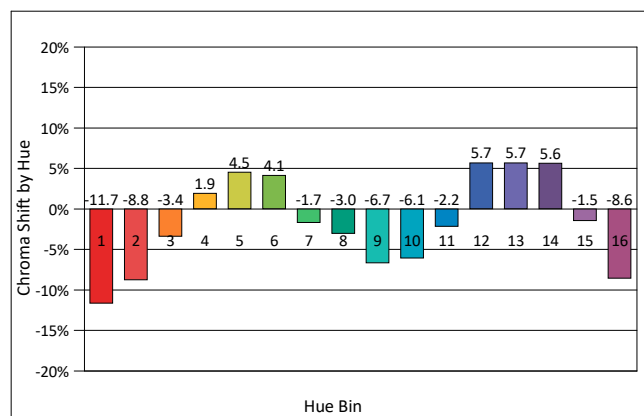
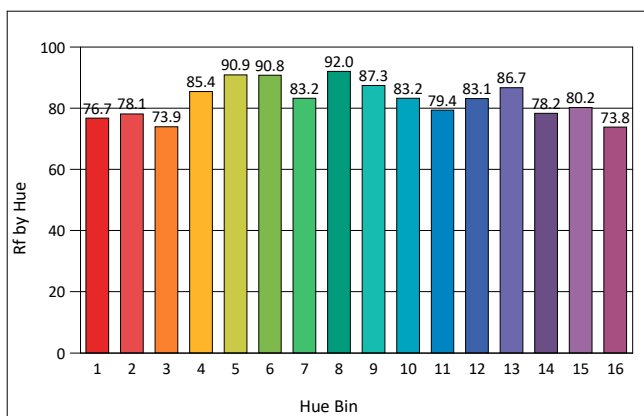
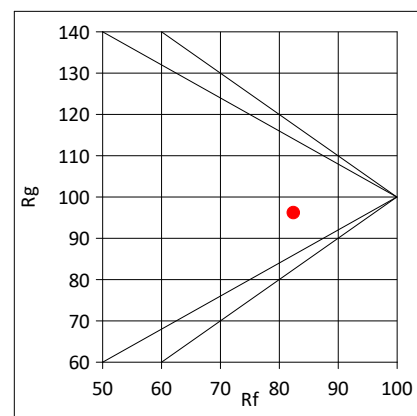
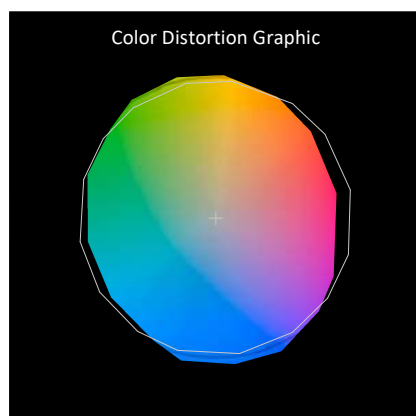
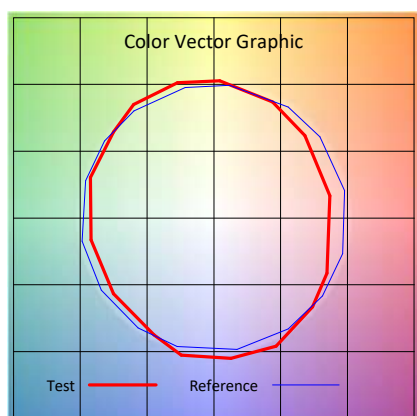
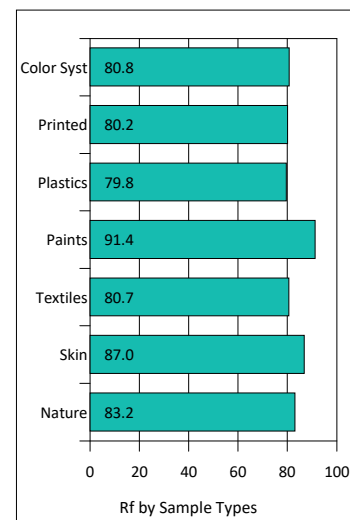
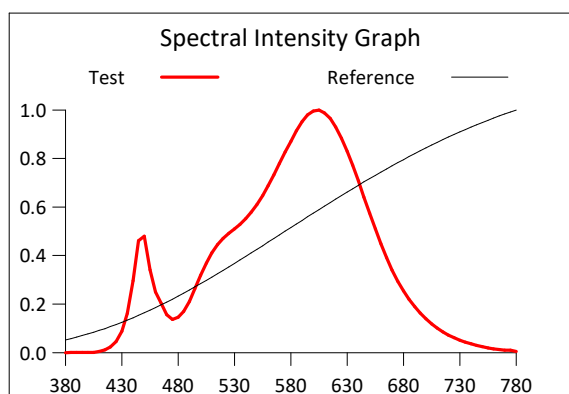
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Rf: 82.4 CCT(K): 2968 u': 0.2511
 Rg: 96.2 LER: 337.3 Duv: 0.0019 v': 0.3498

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.7	-11.7%	-1.5%
2	78.1	-8.8%	7.0%
3	73.9	-3.4%	11.9%
4	85.4	1.9%	8.0%
5	90.9	4.5%	5.0%
6	90.8	4.1%	-2.5%
7	83.2	-1.7%	-9.2%
8	92.0	-3.0%	-3.0%
9	87.3	-6.7%	0.5%
10	83.2	-6.1%	7.2%
11	79.4	-2.2%	12.8%
12	83.1	5.7%	4.5%
13	86.7	5.7%	-5.8%
14	78.2	5.6%	-14.8%
15	80.2	-1.5%	-10.9%
16	73.8	-8.6%	-16.6%



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