

LED Test Report

Product Mark

Product Type : NEO10-400-120811-50

Manufacturer :

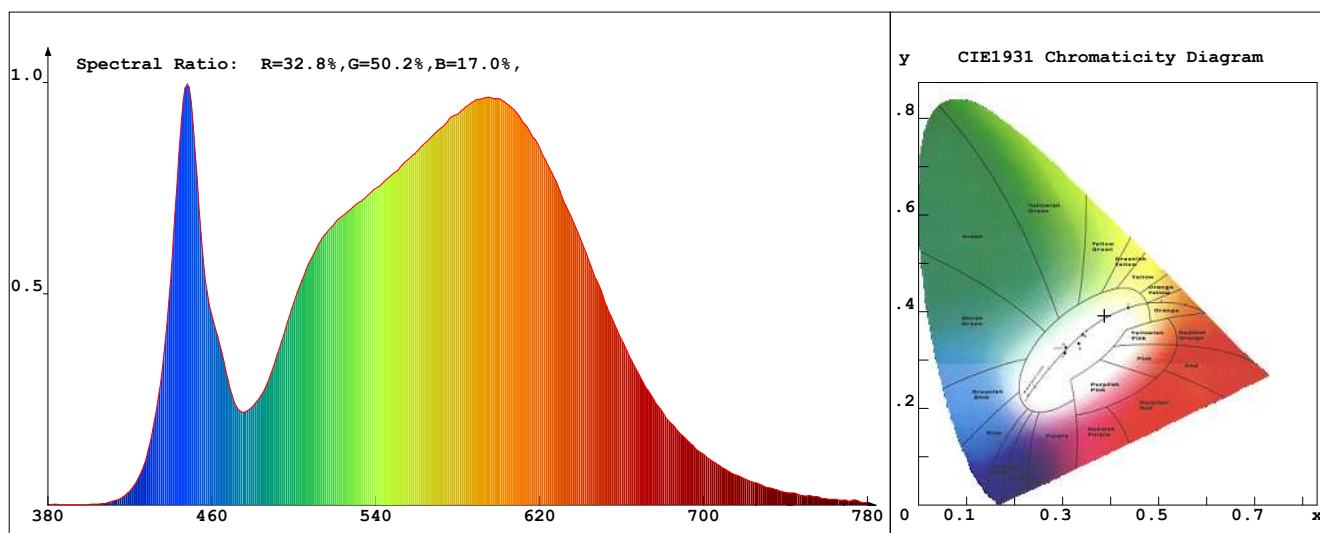
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 00:37:02

Remark:



Chroma Parameters

Chro.Coord.:x=0.3872 y=0.3917 u=0.2236 v=0.3393 duv=0.0049

CCT: 3934K Dominant Wave.:577.1nm Purity:33.8% Centre Wave:447.5nm

Flux RGB Ratio:R=17.3%,G=80.7%,B=2.0% Peak Wave:446.6nm Half Width:18.1nm

Rendering Index:Ra= 81.7 CRI= 77.5

R1 =79 R2 =86 R3 =94 R4 =82 R5 =80 R6 =83 R7 =87 R8 =63

R9 =2 R10=69 R11=82 R12=62 R13=80 R14=96 R15=72

PPF:10.718umol/s (400-700nm)

PRF:2.3mW (400-700nm)

PAR:2.0mW (400-700nm)

Photo Parameters

Flux:811.83lm Effi.:94.4lm/W Radiant:2329.9mW Iv:0.0mcd

Scotopic Flux:1322.7Plm Effi.:0.0Plm/W S/P:1.6

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:10991.600umol/s (380-780nm)

Ele. Parameters

Voltage:U=12.36V

Current:I=0.6960A

Power:P=8.610W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 190.665ms

VPeak: 14232

VDark: 1366

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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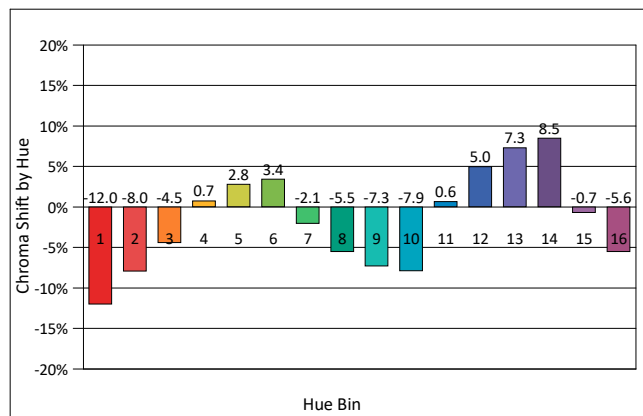
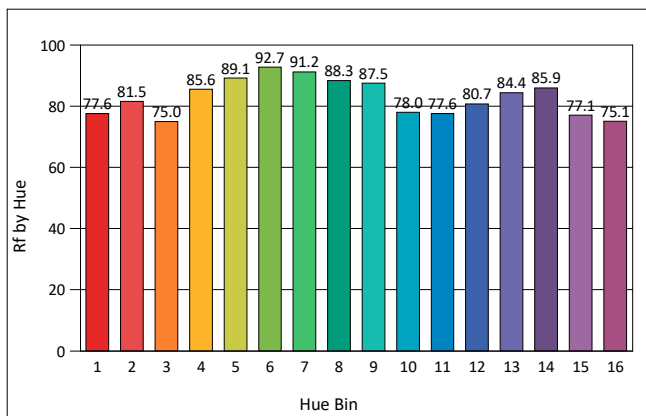
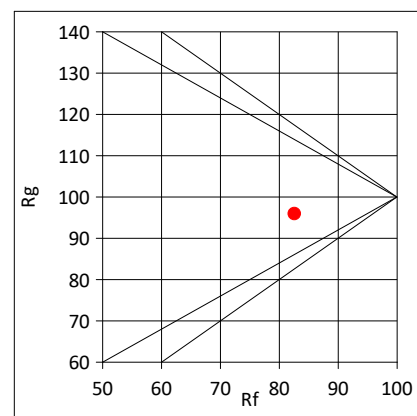
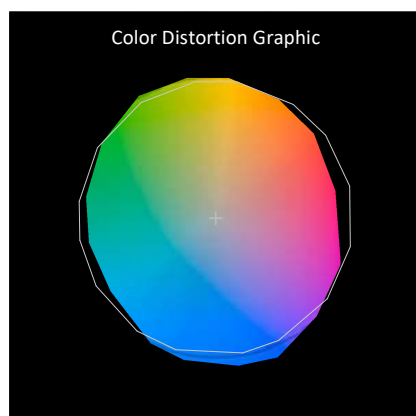
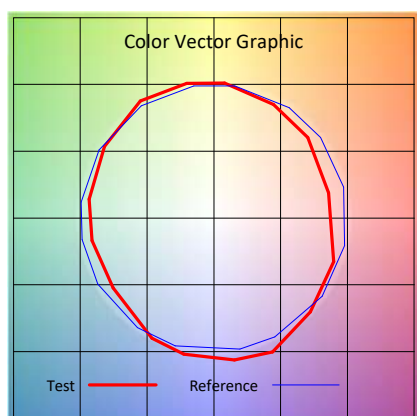
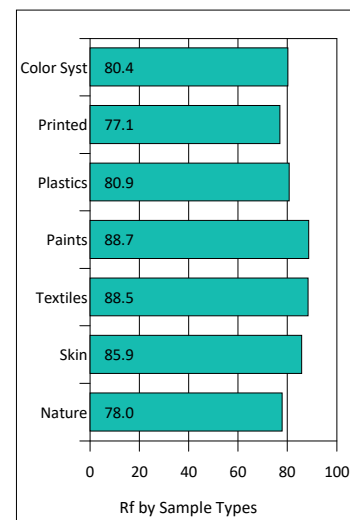
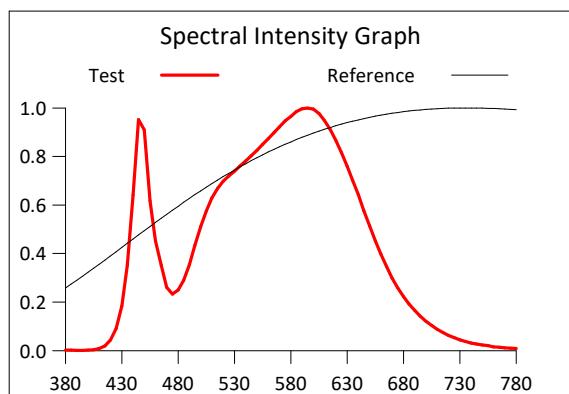
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Rf: 82.6 CCT(K): 3934 u': 0.2236
 Rg: 95.9 LER: 339.5 Duv: 0.0049 v': 0.3393

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.6	-12.0%	-2.1%
2	81.5	-8.0%	5.3%
3	75.0	-4.5%	11.2%
4	85.6	0.7%	8.0%
5	89.1	2.8%	4.8%
6	92.7	3.4%	-1.6%
7	91.2	-2.1%	-4.6%
8	88.3	-5.5%	-3.2%
9	87.5	-7.3%	2.0%
10	78.0	-7.9%	8.9%
11	77.6	0.6%	13.2%
12	80.7	5.0%	7.6%
13	84.4	7.3%	-5.6%
14	85.9	8.5%	-7.7%
15	77.1	-0.7%	-14.6%
16	75.1	-5.6%	-13.3%



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