

LED Test Report

Product Mark

Product Type : NEO3LT-300-120822-5

Manufacturer :

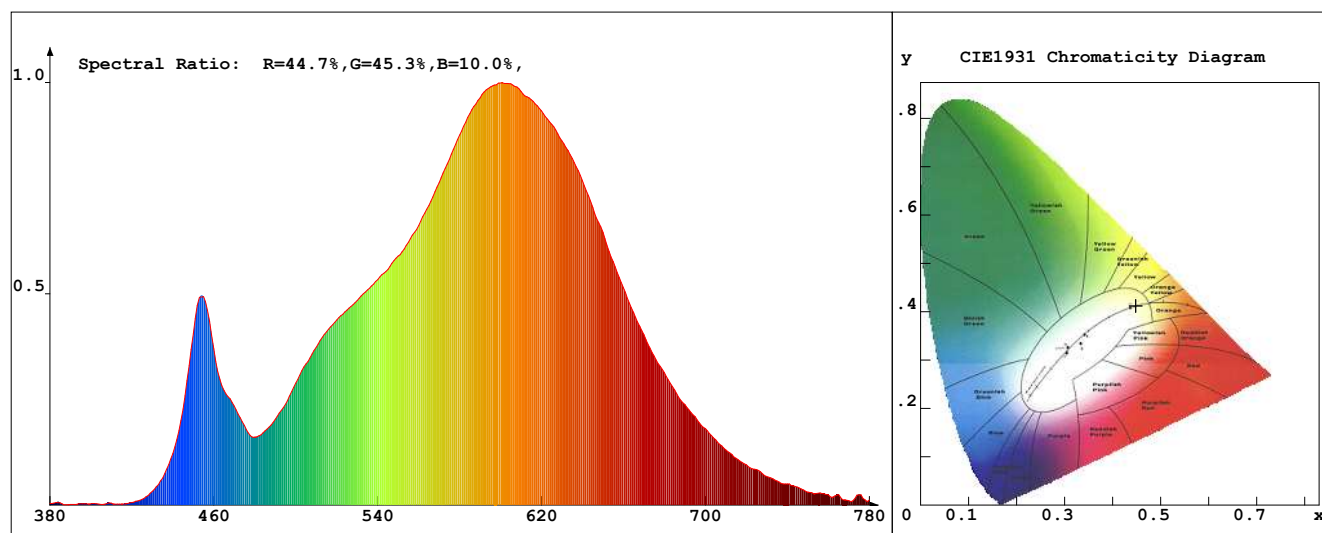
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-11-21 14:43:11

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4484$ $y=0.4125$ $u=0.2543$ $v=0.3509$ $duv=0.0019$

CCT: 2884K Dominant Wave.: 582.7nm Purity: 58.4% Centre Wave: 596.4nm

Flux RGB Ratio: $R=22.4\%$, $G=76.1\%$, $B=1.5\%$ Peak Wave: 599.7nm Half Width: 127.7nm

Rendering Index: $R_a=81.8$ CRI= 78.7

$R_1=79$	$R_2=90$	$R_3=97$	$R_4=79$	$R_5=80$	$R_6=88$	$R_7=83$	$R_8=58$
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$R_9=6$	$R_{10}=78$	$R_{11}=78$	$R_{12}=67$	$R_{13}=82$	$R_{14}=99$	$R_{15}=72$	
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PPF: 1.423 $\mu\text{mol/s}$ (400-700nm)

PRF: 0.3mW (400-700nm)

PAR: 0.3mW (400-700nm)

Photo Parameters

Flux: 105.30lm Effi.: 24.5lm/W Radiant: 302.7mW Iv: 0.0mcd

Scotopic Flux: 134.4Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 1483.590 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.47\text{V}$ Current: $I=0.1830\text{A}$ Power: $P=4.310\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 1000.000ms

VPeak: 10904

VDark: 1436

Scan Range: 380-780nm

Product ID: 201508924

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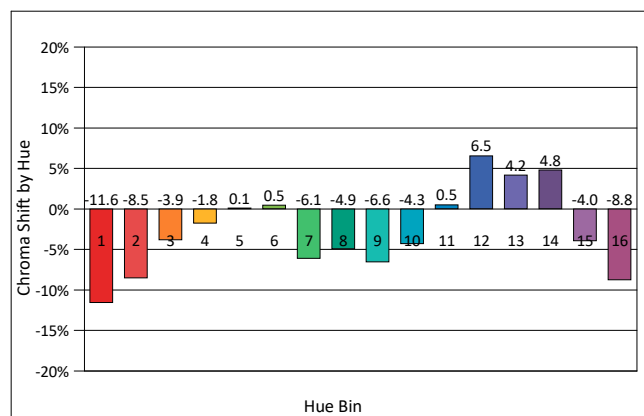
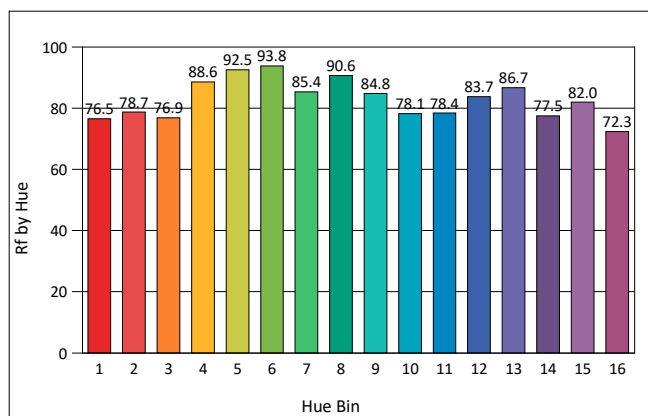
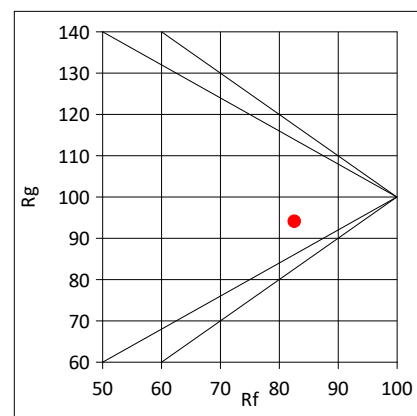
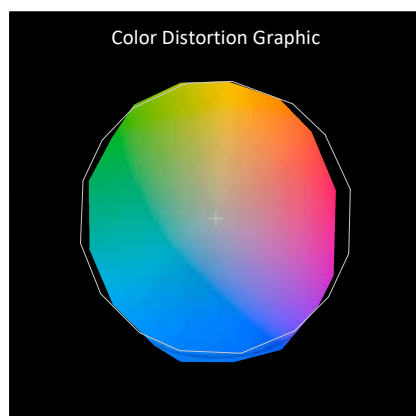
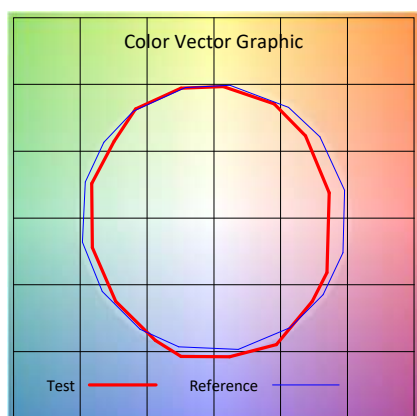
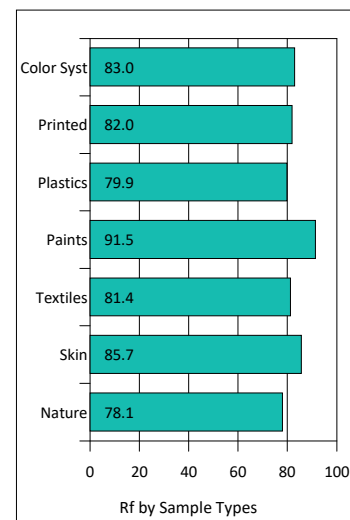
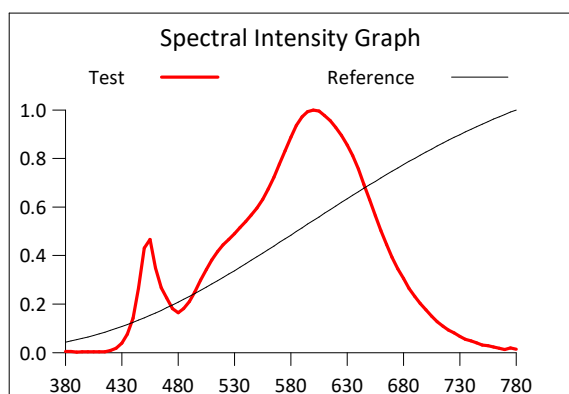
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Rf: 82.6 CCT(K): 2884 u': 0.2543
 Rg: 94.1 LER: 329.0 Duv: 0.0019 v': 0.3509

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.5	-11.6%	0.3%
2	78.7	-8.5%	6.5%
3	76.9	-3.9%	10.2%
4	88.6	-1.8%	4.8%
5	92.5	0.1%	3.4%
6	93.8	0.5%	-2.3%
7	85.4	-6.1%	-4.9%
8	90.6	-4.9%	0.4%
9	84.8	-6.6%	5.3%
10	78.1	-4.3%	11.7%
11	78.4	0.5%	14.2%
12	83.7	6.5%	3.1%
13	86.7	4.2%	-7.4%
14	77.5	4.8%	-15.7%
15	82.0	-4.0%	-8.9%
16	72.3	-8.8%	-16.9%



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