

LED Test Report

Product Mark

Product Type : L52-270W-120822-14.4

Manufacturer :

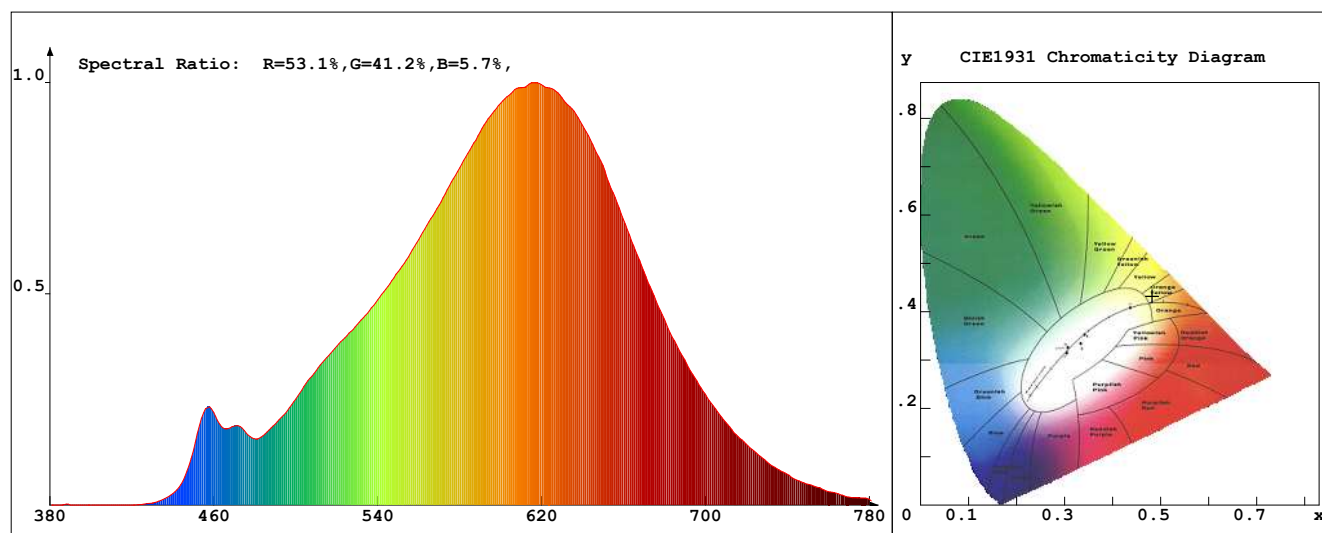
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-03-22 14:22:49

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4822$ $y=0.4321$ $u=0.2671$ $v=0.3591$ $duv=0.0060$

CCT: 2570K Dominant Wave.: 583.2nm Purity: 74.5% Centre Wave: 608.0nm

Flux RGB Ratio: $R=25.3\%$, $G=73.6\%$, $B=1.2\%$ Peak Wave: 615.7nm Half Width: 130.7nm

Rendering Index: $R_a=85.1$ CRI= 81.5

$R_1=83$	$R_2=91$	$R_3=99$	$R_4=82$	$R_5=82$	$R_6=90$	$R_7=87$	$R_8=66$
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$R_9=26$	$R_{10}=80$	$R_{11}=81$	$R_{12}=70$	$R_{13}=84$	$R_{14}=99$	$R_{15}=76$	
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PPF: 14.978 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.0mW (400-700nm)

PAR: 2.7mW (400-700nm)

Photo Parameters

Flux: 1024.84lm Effi.: 78.6lm/W Radiant: 3166.9mW Iv: 0.0mcd

Scotopic Flux: 1161.5Plm Effi.: 0.0Plm/W S/P: 1.1

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 15900.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.87\text{V}$ Current: $I=0.5460\text{A}$ Power: $P=13.040\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 147.567ms

VPeak: 14936

VDark: 1352

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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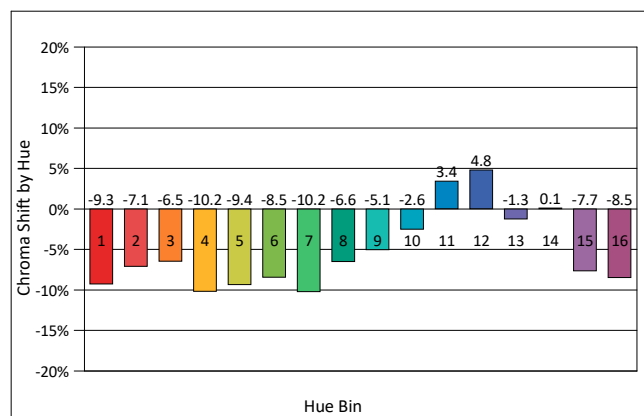
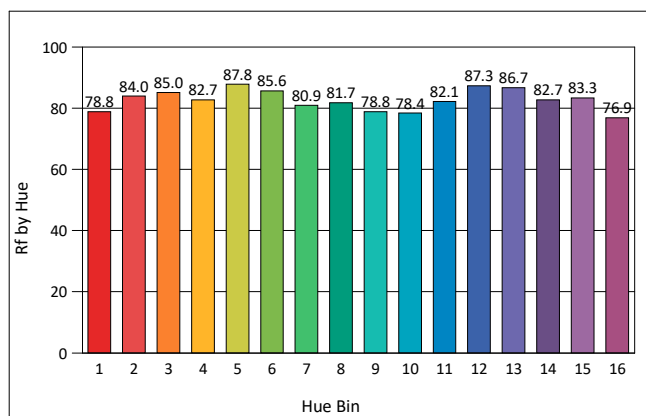
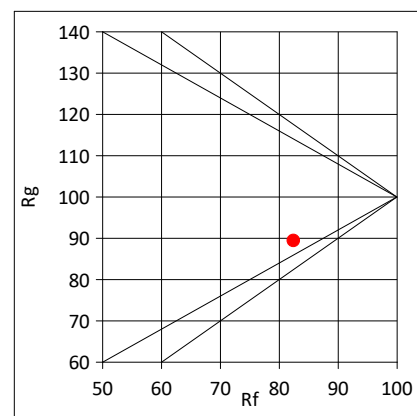
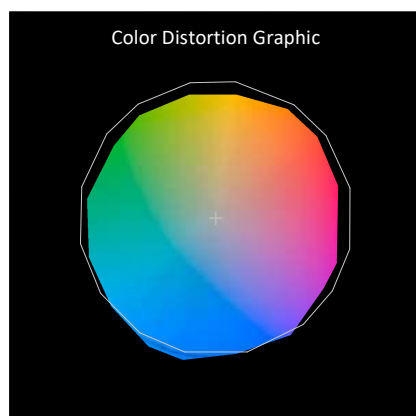
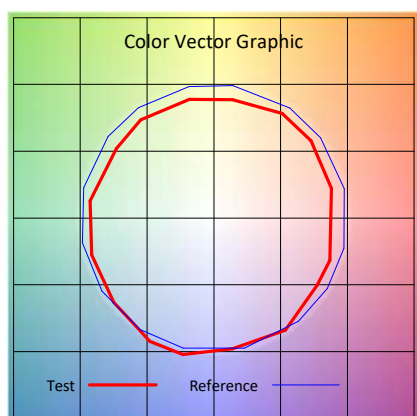
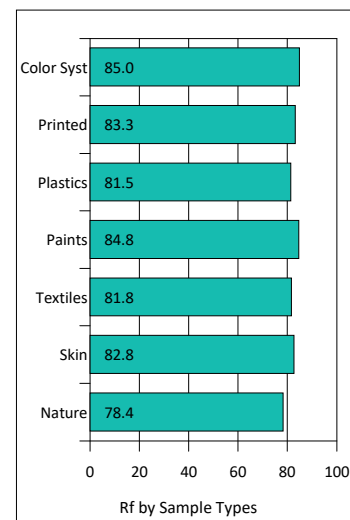
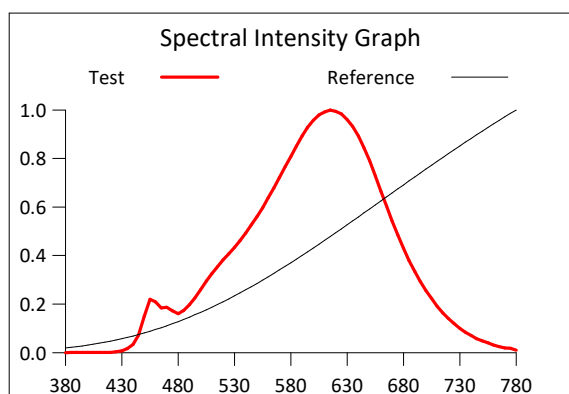
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Rf: 82.4 CCT(K): 2570 u': 0.2671
 Rg: 89.4 LER: 310.5 Duv: 0.0060 v': 0.3591

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.8	-9.3%	2.2%
2	84.0	-7.1%	2.3%
3	85.0	-6.5%	2.6%
4	82.7	-10.2%	-1.8%
5	87.8	-9.4%	1.7%
6	85.6	-8.5%	3.7%
7	80.9	-10.2%	4.0%
8	81.7	-6.6%	8.7%
9	78.8	-5.1%	10.1%
10	78.4	-2.6%	11.9%
11	82.1	3.4%	11.0%
12	87.3	4.8%	0.6%
13	86.7	-1.3%	-8.7%
14	82.7	0.1%	-11.9%
15	83.3	-7.7%	-2.1%
16	76.9	-8.5%	-10.9%



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