

LED Test Report

Product Mark

Product Type : F52-RED-5280S2

Manufacturer :

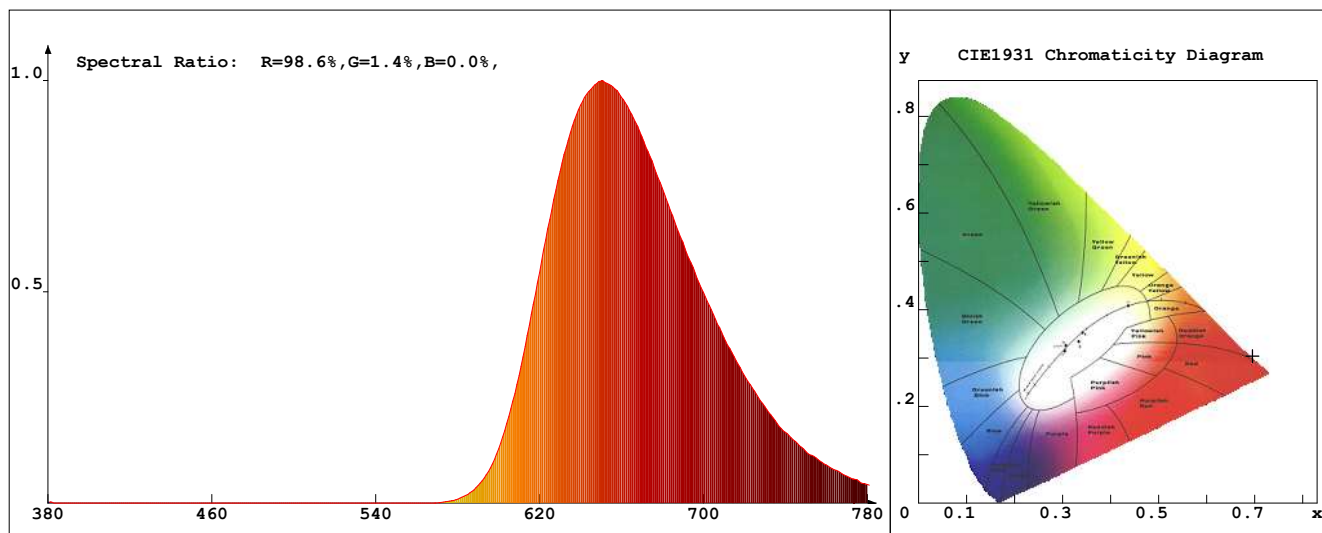
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:24:40

Remark:



Chroma Parameters

Chro.Coord.: $x=0.6956$ $y=0.3041$ $u=0.5291$ $v=0.3470$ $duv=-0.0007$

CCT: 1357K Dominant Wave.: 622.2nm Purity: 100.0% Centre Wave: 658.0nm

Flux RGB Ratio: $R=91.9\%$, $G=8.1\%$, $B=0.0\%$ Peak Wave: 648.7nm Half Width: 81.8nm

Rendering Index: $R_a=5.8$ CRI= 60.2

$R_1 = -32$	$R_2 = 50$	$R_3 = 33$	$R_4 = -47$	$R_5 = -17$	$R_6 = 31$	$R_7 = 44$	$R_8 = -16$
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$R_9 = -181$	$R_{10} = 42$	$R_{11} = -77$	$R_{12} = 8$	$R_{13} = -15$	$R_{14} = 50$	$R_{15} = -29$
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PPF: 9.164 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.7mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 168.60lm Effi.: 12.9lm/W Radiant: 2042.0mW Iv: 0.0mcd

Scotopic Flux: 9.3Plm Effi.: 0.0Plm/W S/P: 0.1

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 11363.200 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=24.48\text{V}$ Current: $I=0.5320\text{A}$ Power: $P=13.031\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 130.665ms

VPeak: 15080

VDark: 1454

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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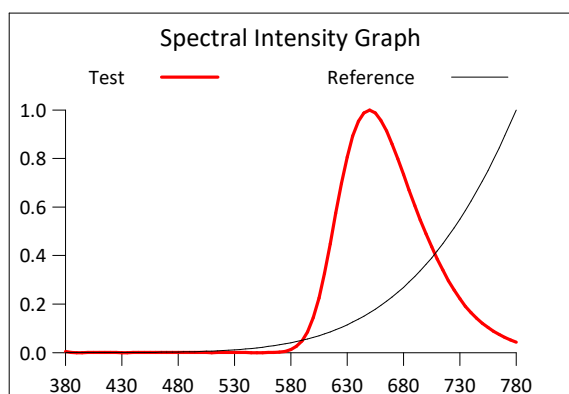
Remark :

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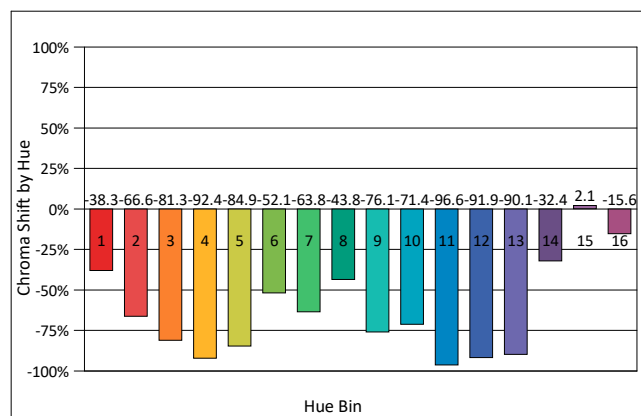
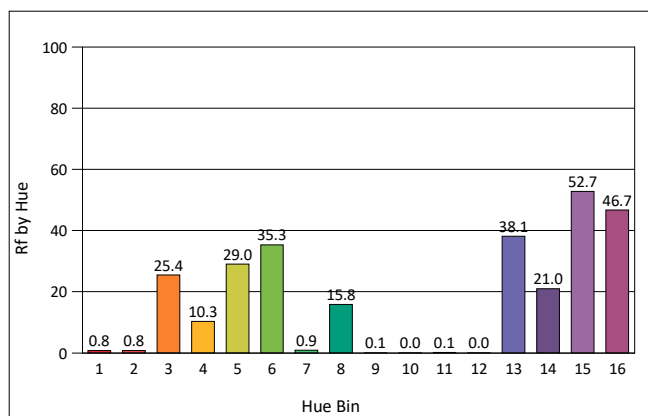
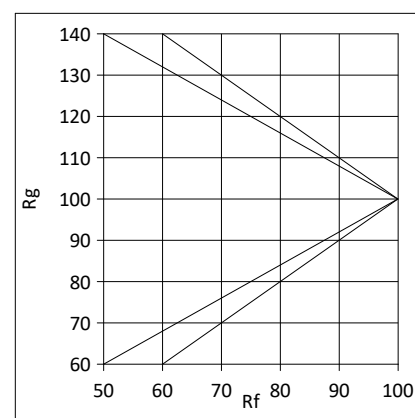
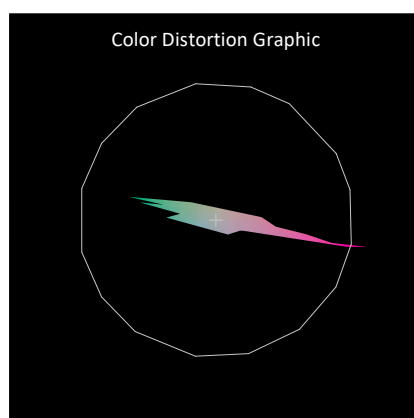
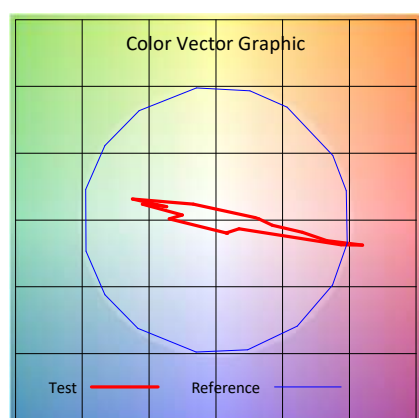
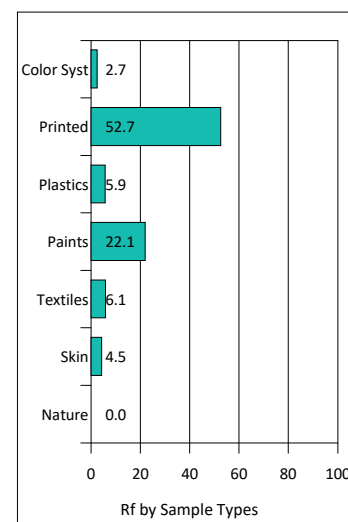
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Rf: 5.1 CCT(K): 1357 u': 0.5291
 Rg: 3.7 LER: 85.7 Duv: -0.0007 v': 0.3470



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.8	-38.3%	-24.2%
2	0.8	-66.6%	-18.2%
3	25.4	-81.3%	-28.9%
4	10.3	-92.4%	-22.3%
5	29.0	-84.9%	19.3%
6	35.3	-52.1%	41.1%
7	0.9	-63.8%	12.4%
8	15.8	-43.8%	2.6%
9	0.1	-76.1%	-12.2%
10	0.0	-71.4%	-20.5%
11	0.1	-96.6%	16.2%
12	0.0	-91.9%	4.7%
13	38.1	-90.1%	11.2%
14	21.0	-32.4%	61.2%
15	52.7	2.1%	37.4%
16	46.7	-15.6%	-1.1%



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