

LED Test Report

Product Mark

Product Type : F52-30s-240D22-R

Manufacturer : -

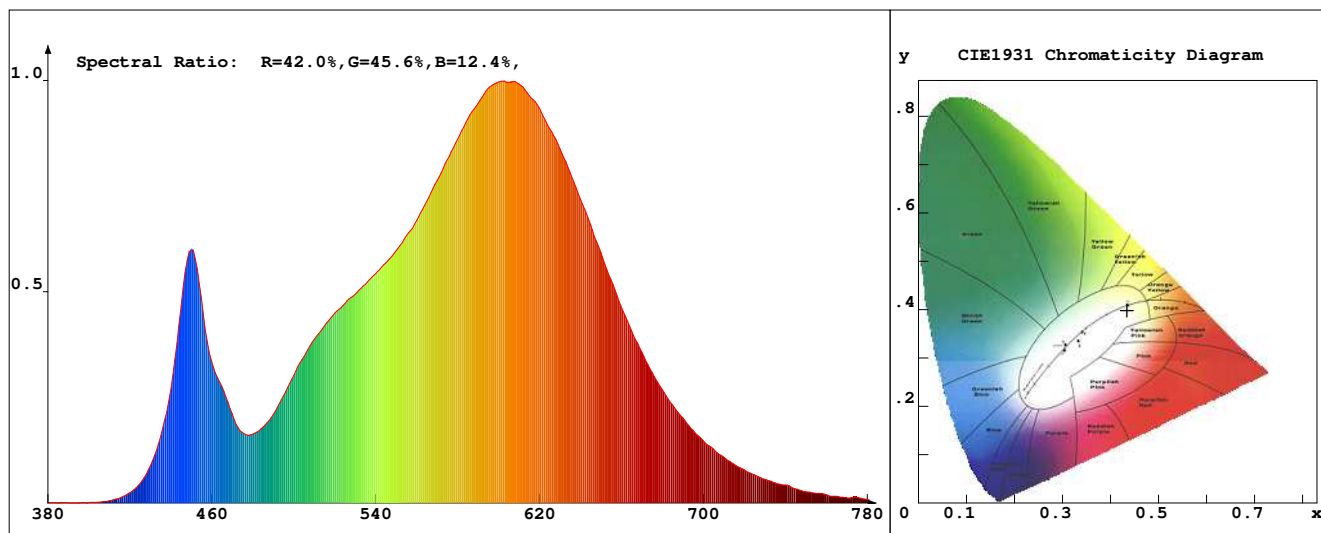
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-09-25

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4345$ $y=0.3984$ $u=0.2515$ $v=0.3459$ $duv=-0.0019$

CCT: 2994K Dominant Wave.: 583.6nm Purity: 50.0% Centre Wave: 593.3nm

Flux RGB Ratio: $R=22.1\%$, $G=76.4\%$, $B=1.6\%$ Peak Wave: 600.7nm Half Width: 125.6nm

Rendering Index: $R_a=82.1$ CRI= 79.3

R1 =80	R2 =90	R3 =96	R4 =80	R5 =81	R6 =88	R7 =82	R8 =58
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R9 =5	R10=78	R11=80	R12=72	R13=83	R14=99	R15=73	
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PPF: 27.596 $\mu\text{mol/s}$ (400–700nm)

PRF: 5.7mW (400–700nm)

PAR: 5.1mW (400–700nm)

Photo Parameters

Flux: 2085.93lm Effi.: 118.3lm/W Radiant: 5891.4mW Iv: 0.0mcd

Scotopic Flux: 2778.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 28566.699 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=735.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.660\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 73.977ms

VPeak: 13160

VDark: 1199

Scan Range: 380–780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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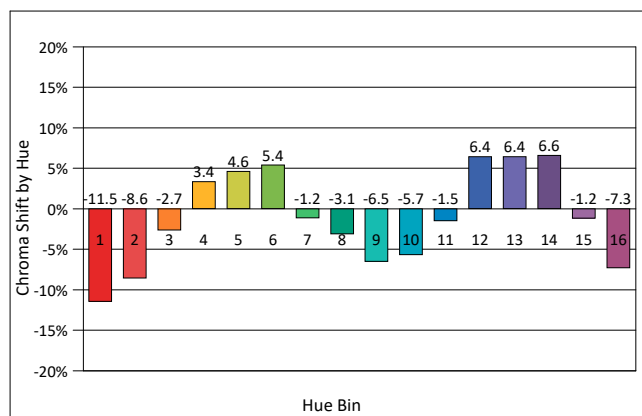
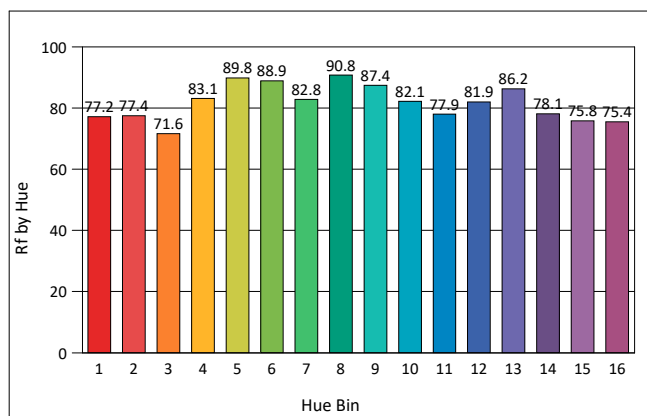
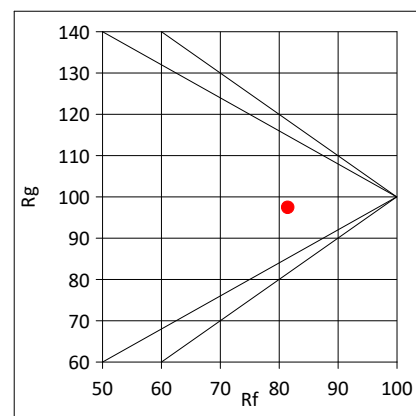
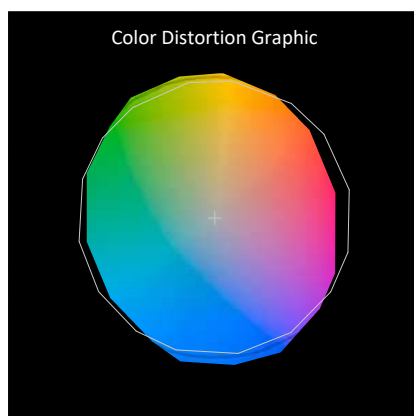
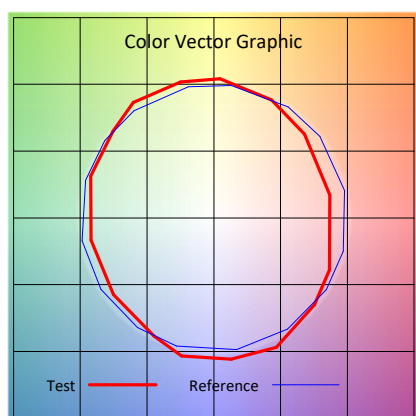
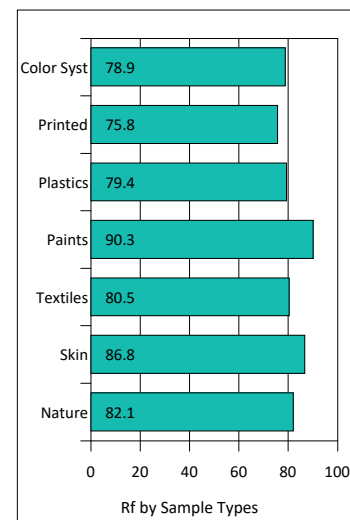
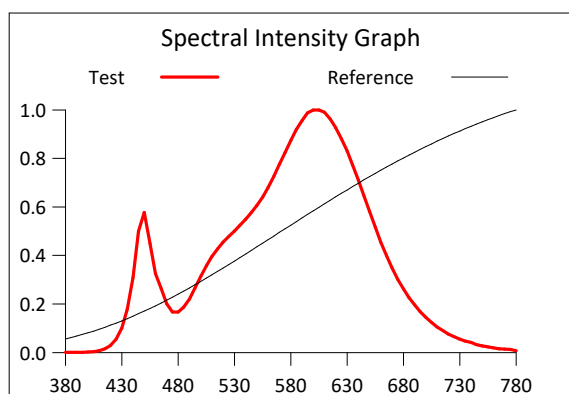
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Rf: 81.5 CCT(K): 2994 u': 0.2515
Rg: 97.4 LER: 329.5 Duv: -0.0019 v': 0.3459

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.2	-11.5%	-1.1%
2	77.4	-8.6%	7.8%
3	71.6	-2.7%	13.2%
4	83.1	3.4%	9.2%
5	89.8	4.6%	5.0%
6	88.9	5.4%	-3.0%
7	82.8	-1.2%	-9.4%
8	90.8	-3.1%	-3.7%
9	87.4	-6.5%	0.9%
10	82.1	-5.7%	8.3%
11	77.9	-1.5%	13.9%
12	81.9	6.4%	5.2%
13	86.2	6.4%	-5.4%
14	78.1	6.6%	-14.5%
15	75.8	-1.2%	-14.2%
16	75.4	-7.3%	-15.9%



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