

LED Test Report

Product Mark

Product Type : F52-30s-x240DF2-14.4 13W

Manufacturer :

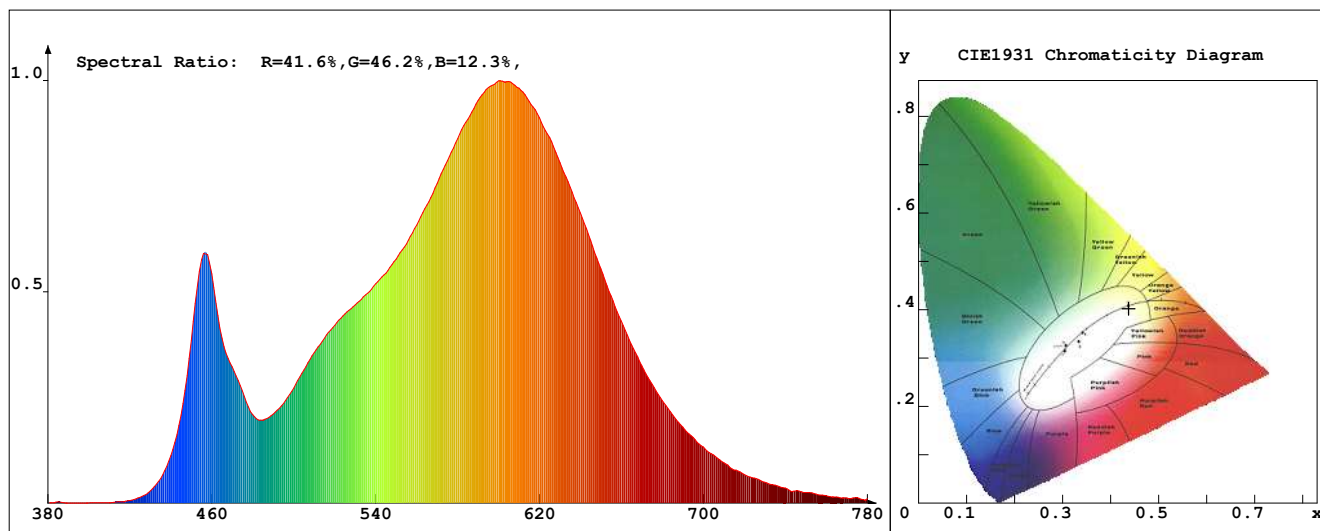
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 14:53:56

Remark: BIN CT STEP3 LOTTO 442



Chroma Parameters

Chro.Coord.:x=0.4379 y=0.4023 u=0.2520 v=0.3472 duv=-0.0008

CCT: 2969K Dominant Wave.:583.3nm Purity:52.2% Centre Wave:594.8nm

Flux RGB Ratio:R=22.0%,G=76.2%,B=1.9% Peak Wave:599.7nm Half Width:116.5nm

Rendering Index:Ra= 80.4 CRI= 77.8

R1 =79 R2 =91 R3 =94 R4 =77 R5 =79 R6 =90 R7 =79 R8 =54

R9 =-2 R10=80 R11=75 R12=68 R13=82 R14=98 R15=71

PPF:26.592umol/s (400-700nm)

PRF:5.5mW (400-700nm)

PAR:4.9mW (400-700nm)

Photo Parameters

Flux:1987.08lm Effi.:152.5lm/W Radiant:5658.5mW Iv:0.0mcd

Scotopic Flux:2653.2Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:27449.600umol/s (380-780nm)

Ele. Parameters

Forward Current:If=546.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.87V

Reverse Current:Ir=0.00uA

Power:P=13.051W

Instrument state

Instrument:Lisun

Integral Time: 68.978ms

VPeak: 13848

VDark: 1438

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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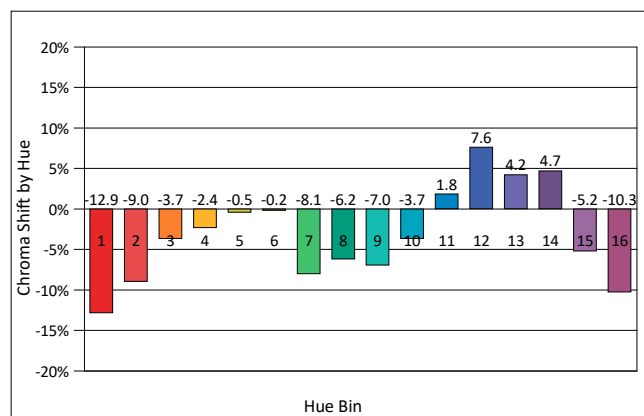
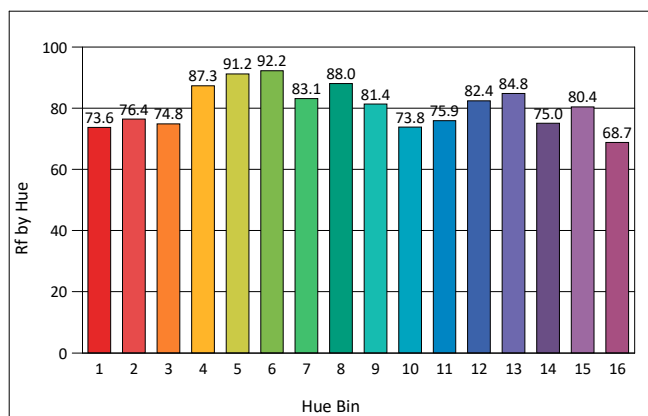
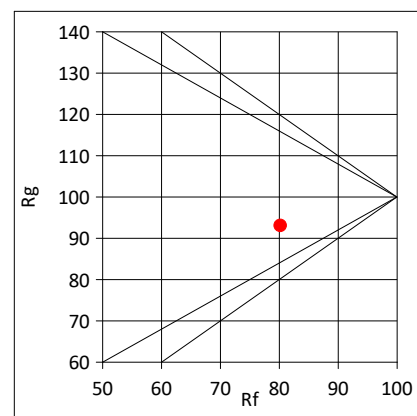
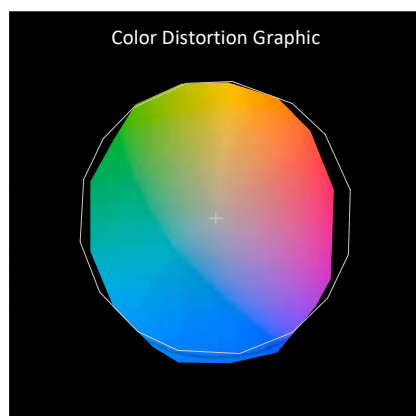
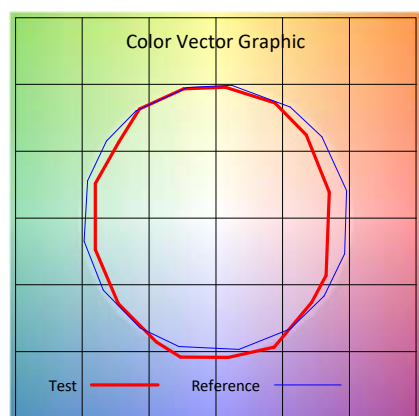
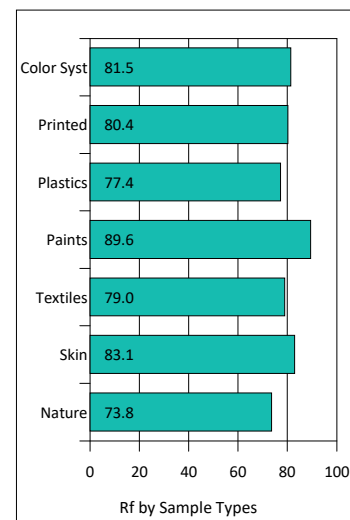
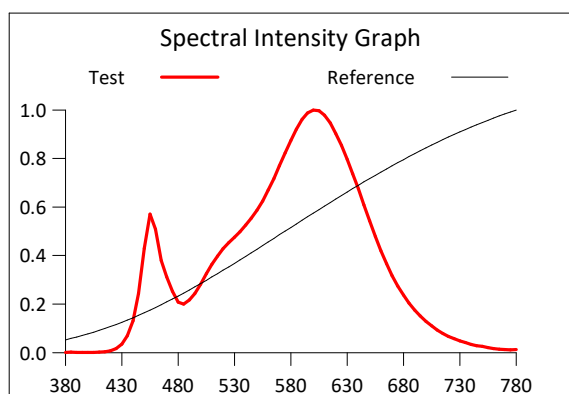
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Rf: 80.2 CCT(K): 2969 u': 0.2520
 Rg: 93.1 LER: 335.6 Duv: -0.0008 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	73.6	-12.9%	1.4%
2	76.4	-9.0%	7.6%
3	74.8	-3.7%	11.2%
4	87.3	-2.4%	4.4%
5	91.2	-0.5%	2.9%
6	92.2	-0.2%	-3.0%
7	83.1	-8.1%	-4.1%
8	88.0	-6.2%	1.1%
9	81.4	-7.0%	7.8%
10	73.8	-3.7%	14.7%
11	75.9	1.8%	16.0%
12	82.4	7.6%	2.7%
13	84.8	4.2%	-8.9%
14	75.0	4.7%	-17.6%
15	80.4	-5.2%	-9.2%
16	68.7	-10.3%	-18.8%



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