

LED Test Report

Product Mark

Product Type : F52-30s-120822/14.4 13W

Manufacturer :

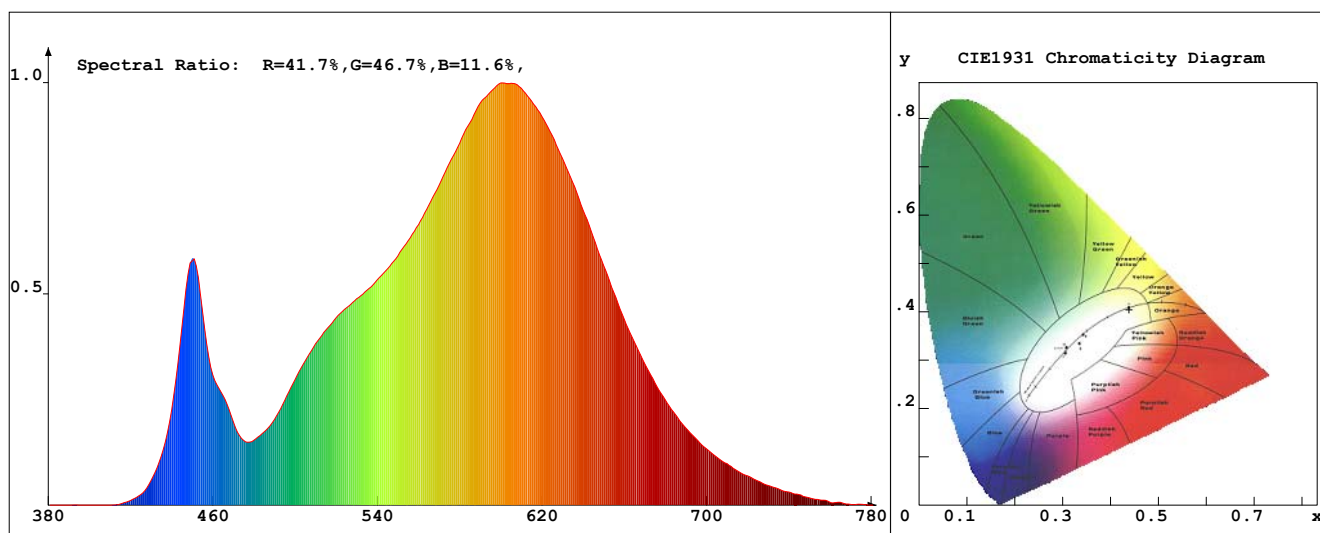
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: 3WS Lotto: 386



Chroma Parameters

Chro.Coord.:x=0.4387 y=0.4042 u=0.2516 v=0.3478 duv=-0.0002

CCT: 2972K Dominant Wave.:583.0nm Purity:53.0% Centre Wave:593.4nm

Flux RGB Ratio:R=22.0%,G=76.5%,B=1.5% Peak Wave:599.7nm Half Width:121.7nm

Rendering Index:Ra= 81.0 CRI= 78.2

R1 =79 R2 =90 R3 =97 R4 =79 R5 =80 R6 =87 R7 =82 R8 =56

R9 =-0 R10=76 R11=79 R12=69 R13=81 R14=99 R15=71

PPF:21.598umol/s (400-700nm)

PRF:4.5mW (400-700nm)

PAR:4.0mW (400-700nm)

Photo Parameters

Flux:1596.36lm

Effi.:122.5lm/W

Radiant:4581.0mW

Iv:0.0mcd

Scotopic Flux:2091.8Plm

Effi.:0.0Plm/W

S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:22209.301umol/s (380-780nm)

Ele. Parameters

Forward Current:If=547.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.82V

Reverse Current:Ir=0.00uA

Power:P=13.031W

Instrument state

Instrument: -

Integral Time: 83.681ms

VPeak: 13336

VDark: 1276

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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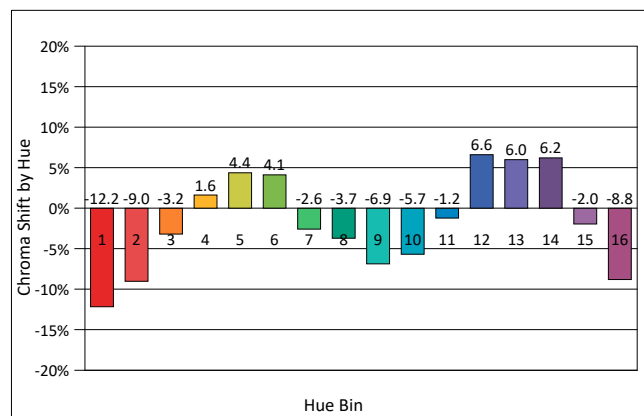
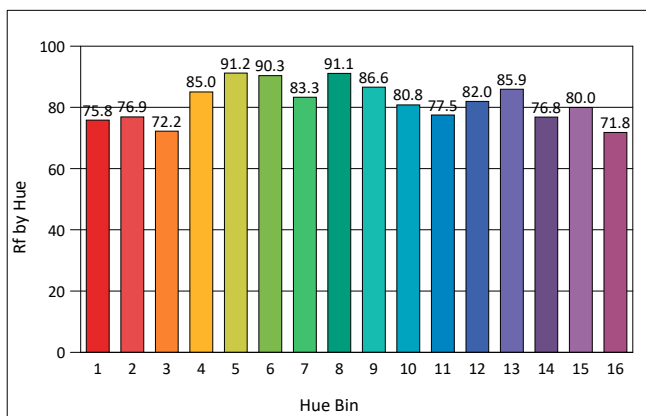
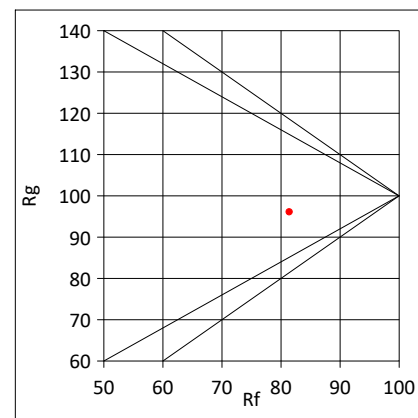
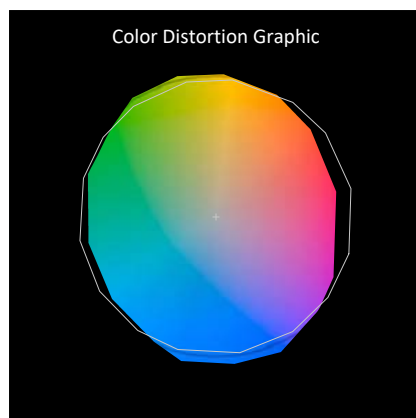
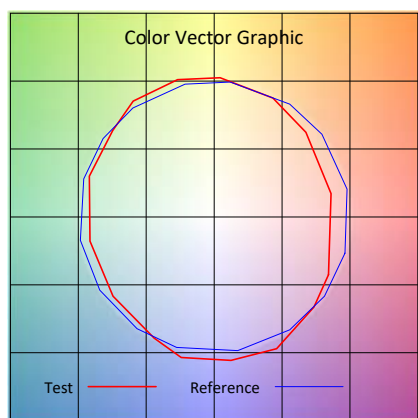
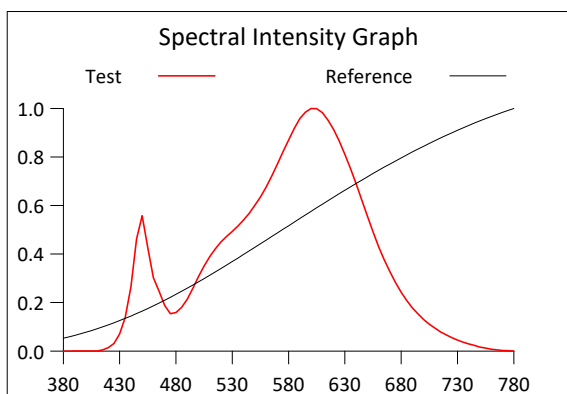
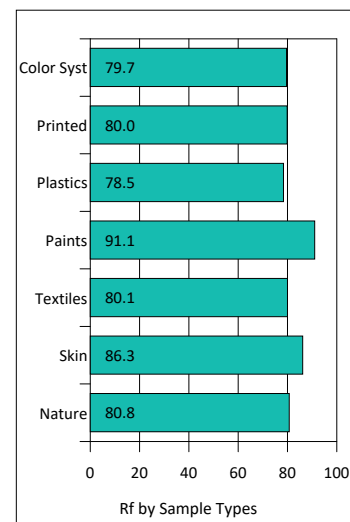
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Rf: 81.4 CCT(K): 2972 u': 0.2516
 Rg: 96.1 LER: 337.1 Duv: -0.0002 v': 0.3478

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.8	-12.2%	-0.9%
2	76.9	-9.0%	7.7%
3	72.2	-3.2%	12.8%
4	85.0	1.6%	7.9%
5	91.2	4.4%	4.8%
6	90.3	4.1%	-3.0%
7	83.3	-2.6%	-8.8%
8	91.1	-3.7%	-2.7%
9	86.6	-6.9%	1.9%
10	80.8	-5.7%	9.2%
11	77.5	-1.2%	14.3%
12	82.0	6.6%	4.7%
13	85.9	6.0%	-6.3%
14	76.8	6.2%	-15.7%
15	80.0	-2.0%	-11.0%
16	71.8	-8.8%	-18.0%



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