

LED Test Report

Product Mark

Product Type : F52-400-120822/14.4 13W

Manufacturer :

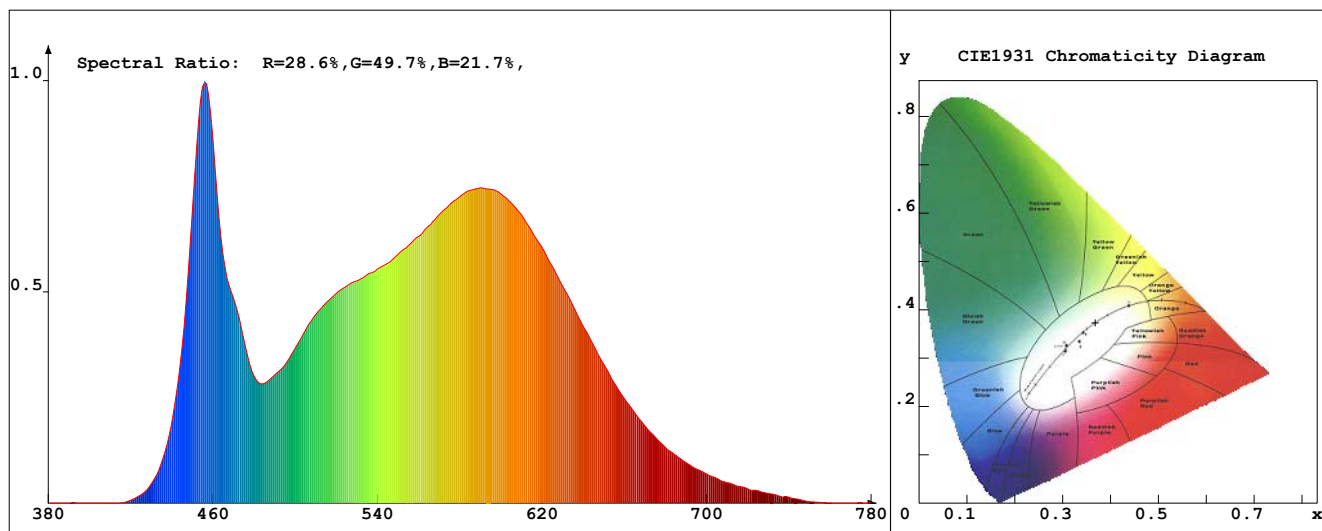
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: N42 Lotto: 383



Chroma Parameters

Chro.Coord.: $x=0.3729$ $y=0.3729$ $u=0.2184$ $v=0.3320$ $duv=0.0021$

CCT: 4332K Dominant Wave.: 576.4nm Purity: 22.4% Centre Wave: 457.1nm

Flux RGB Ratio: R=16.4%, G=80.5%, B=3.2% Peak Wave: 454.8nm Half Width: 21.7nm

Rendering Index: Ra= 81.6 CRI= 78.1

R1 =81 R2 =92 R3 =94 R4 =76 R5 =79 R6 =85 R7 =84 R8 =61

R9 =-1 R10=80 R11=76 R12=56 R13=85 R14=97 R15=74

PPF: 22.437 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.8mW (400-700nm)

PAR: 4.2mW (400-700nm)

Photo Parameters

Flux: 1720.02lm Effi.: 132.2lm/W Radiant: 4896.0mW Iv: 0.0mcd

Scotopic Flux: 3134.6Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 22778.199 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=552.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.57\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.020\text{W}$

Instrument state

Instrument: -

Integral Time: 68.820ms

VPeak: 13528

VDark: 1183

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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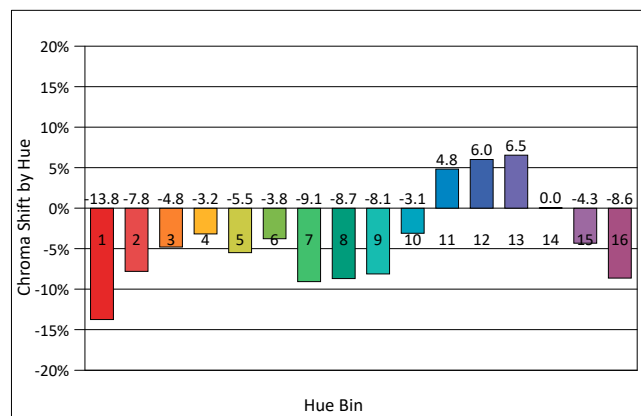
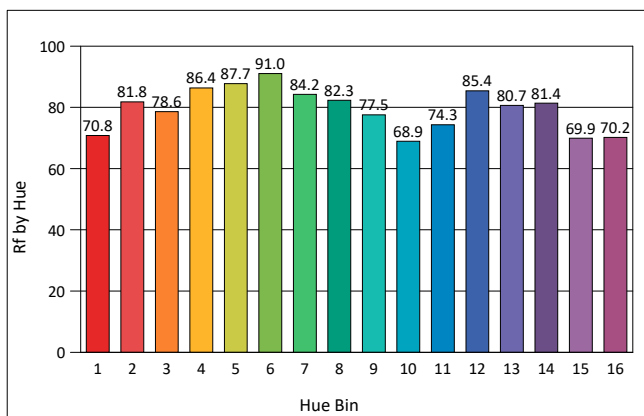
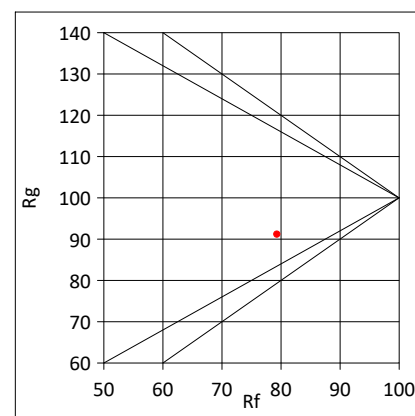
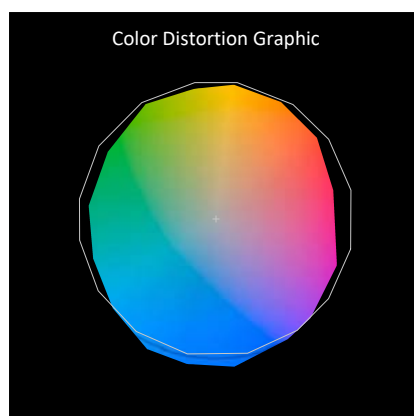
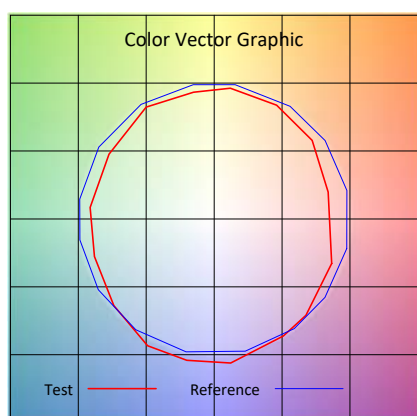
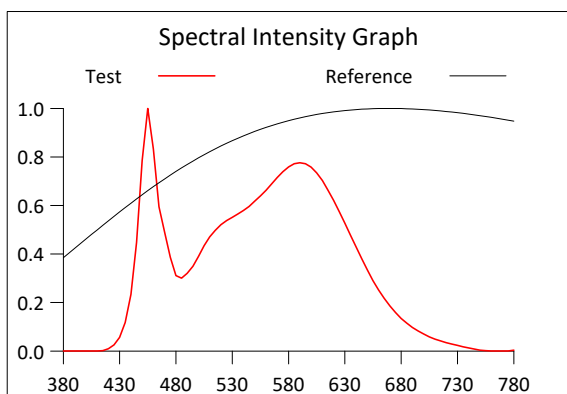
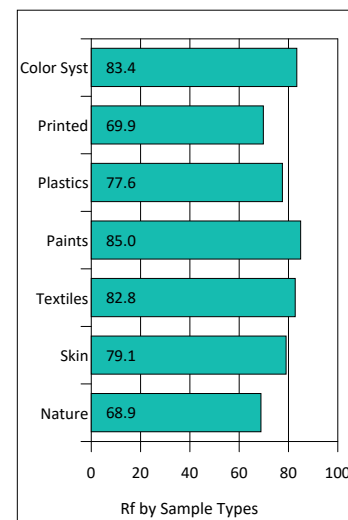
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Rf: 79.3 CCT(K): 4332 u': 0.2184
 Rg: 91.2 LER: 335.8 Duv: 0.0021 v': 0.3320

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	70.8	-13.8%	1.6%
2	81.8	-7.8%	5.4%
3	78.6	-4.8%	8.7%
4	86.4	-3.2%	3.0%
5	87.7	-5.5%	0.8%
6	91.0	-3.8%	-2.0%
7	84.2	-9.1%	0.1%
8	82.3	-8.7%	4.5%
9	77.5	-8.1%	14.1%
10	68.9	-3.1%	16.0%
11	74.3	4.8%	13.8%
12	85.4	6.0%	1.9%
13	80.7	6.5%	-12.2%
14	81.4	0.0%	-9.6%
15	69.9	-4.3%	-18.8%
16	70.2	-8.6%	-12.9%



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