

LED Test Report

Product Mark

Product Type : F52-400-204422 17.3W

Manufacturer :

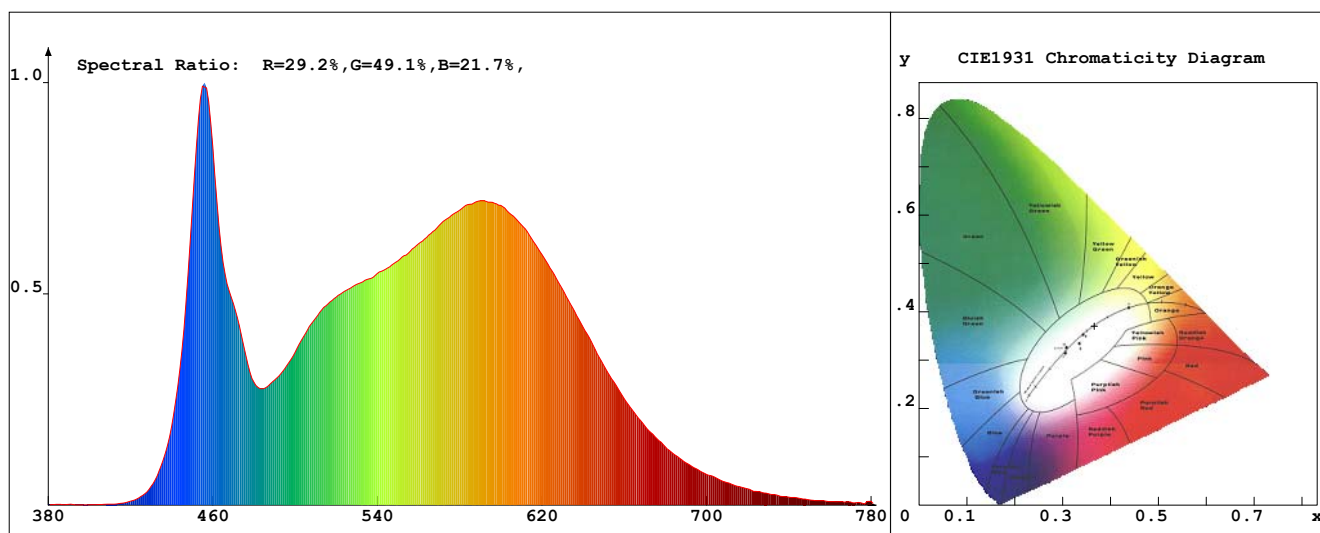
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: 42-3 Lotto: 386



Chroma Parameters

Chro.Coord.: $x=0.3662$ $y=0.3705$ $u=0.2182$ $v=0.3311$ $duv=0.0015$

CCT: 4371K Dominant Wave.: 576.5nm Purity: 21.1% Centre Wave: 456.8nm

Flux RGB Ratio: R=16.4%, G=80.4%, B=3.2% Peak Wave: 454.8nm Half Width: 21.1nm

Rendering Index: Ra= 82.8 CRI= 79.0

R1 =81 R2 =92 R3 =95 R4 =79 R5 =81 R6 =88 R7 =84 R8 =62

R9 =4 R10=80 R11=78 R12=58 R13=85 R14=98 R15=75

PPF: 29.474 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.4mW (400-700nm)

PAR: 5.5mW (400-700nm)

Photo Parameters

Flux: 2222.49lm Effi.: 128.3lm/W Radiant: 6458.1mW Iv: 0.0mcd

Scotopic Flux: 4084.1Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 30086.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=722.0\text{mA}$ 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: $P=17.34\text{W}$

Instrument state

Instrument: -

Integral Time: 51.939ms

VPeak: 13624

VDark: 1209

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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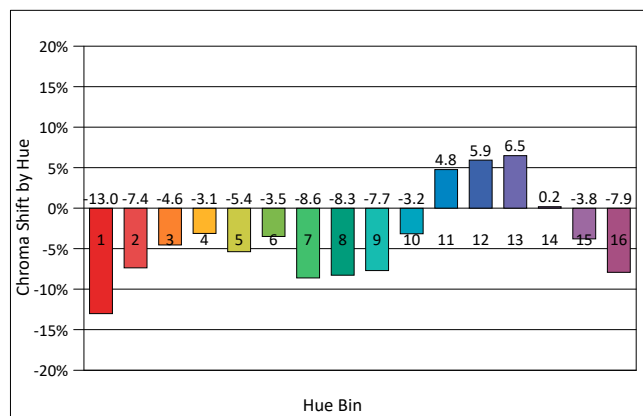
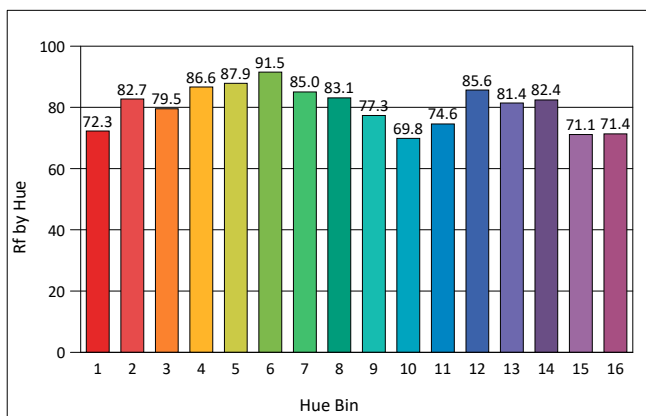
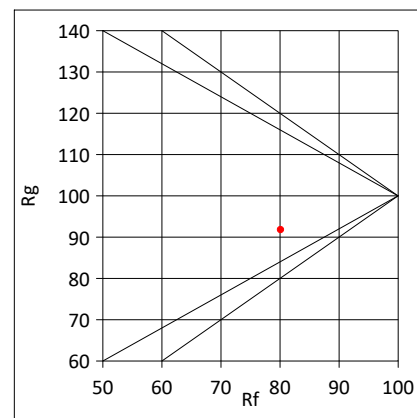
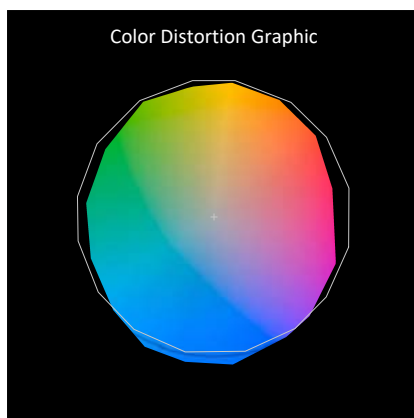
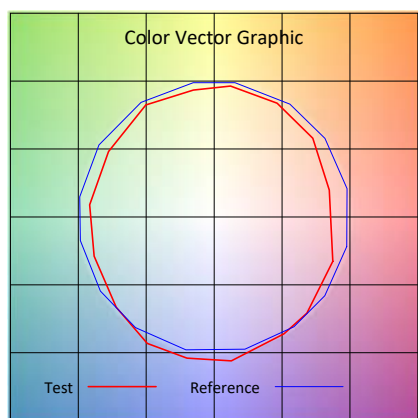
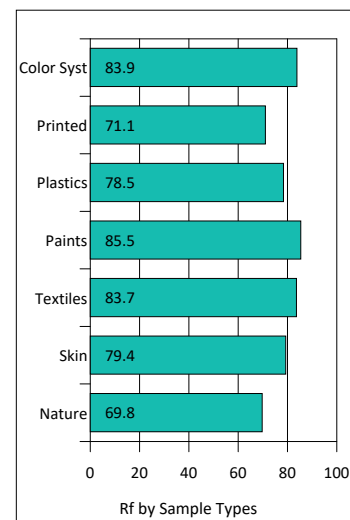
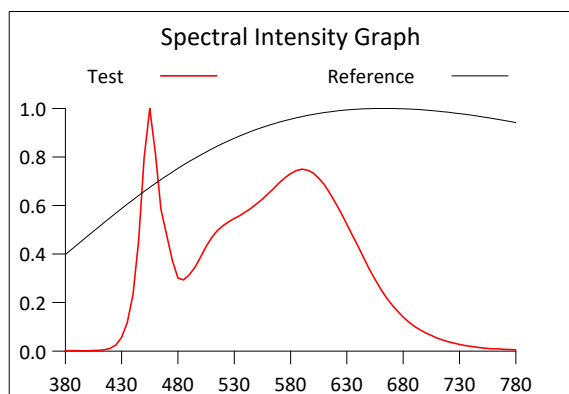
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Rf: 80.1 CCT(K): 4371 u': 0.2182
 Rg: 91.8 LER: 331.9 Duv: 0.0015 v': 0.3311

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.3	-13.0%	1.5%
2	82.7	-7.4%	5.1%
3	79.5	-4.6%	8.3%
4	86.6	-3.1%	2.8%
5	87.9	-5.4%	0.8%
6	91.5	-3.5%	-1.8%
7	85.0	-8.6%	0.2%
8	83.1	-8.3%	4.4%
9	77.3	-7.7%	13.3%
10	69.8	-3.2%	16.4%
11	74.6	4.8%	13.7%
12	85.6	5.9%	2.1%
13	81.4	6.5%	-11.5%
14	82.4	0.2%	-9.0%
15	71.1	-3.8%	-18.0%
16	71.4	-7.9%	-12.6%



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