

LED Test Report

Product Mark

Product Type : F52-380-120822 21.6W

Manufacturer :

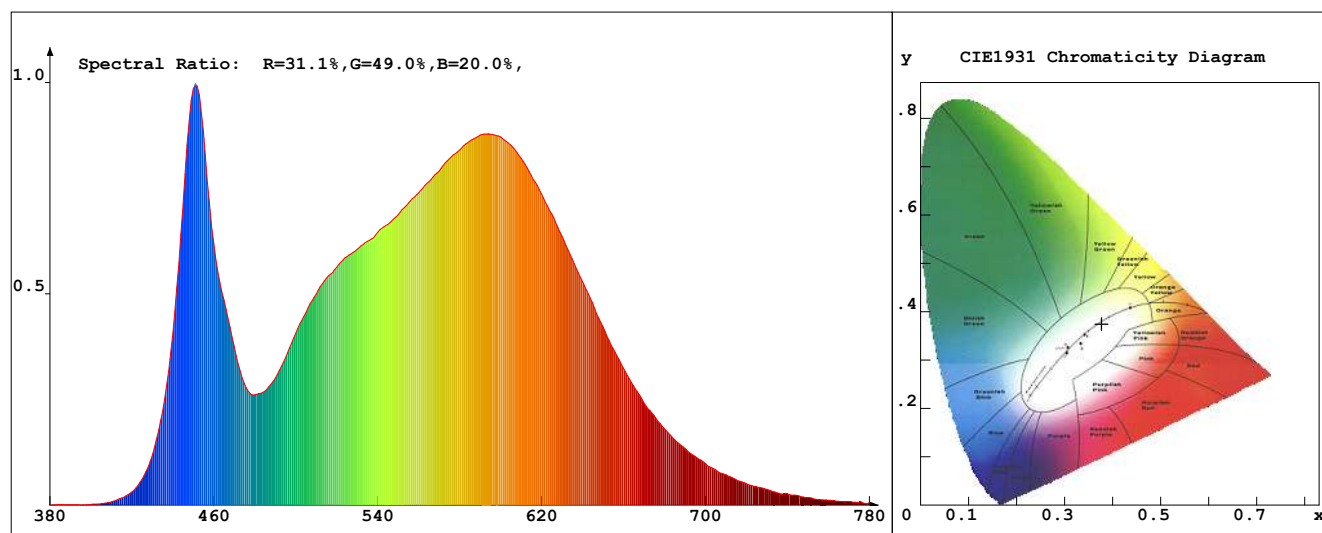
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 14:59:27

Remark: BIN N52B LOTTO 424



Chroma Parameters

Chro.Coord.: x=0.3772 y=0.3745 u=0.2239 v=0.3334 duv=-0.0001

CCT: 4074K Dominant Wave.: 578.8nm Purity: 25.6% Centre Wave: 452.0nm

Flux RGB Ratio: R=17.2%, G=80.3%, B=2.5% Peak Wave: 449.6nm Half Width: 22.3nm

Rendering Index: Ra= 81.9 CRI= 78.1

R1 =80 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =85 R8 =62

R9 =1 R10=73 R11=79 R12=62 R13=82 R14=97 R15=74

PPF: 31.880umol/s (400-700nm)

PRF: 6.8mW (400-700nm)

PAR: 5.9mW (400-700nm)

Photo Parameters

Flux: 2444.17lm Effi.: 113.1lm/W Radiant: 6961.5mW Iv: 0.0mcd

Scotopic Flux: 4162.7Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 32609.900umol/s (380-780nm)

Ele. Parameters

Forward Current: If=896.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.11V

Reverse Current: Ir=0.00uA

Power: P=21.611W

Instrument state

Instrument: Lisun

Integral Time: 65.614ms

VPeak: 15768

VDark: 1441

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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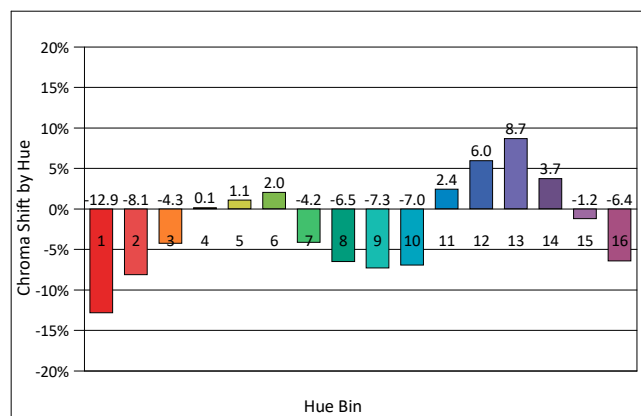
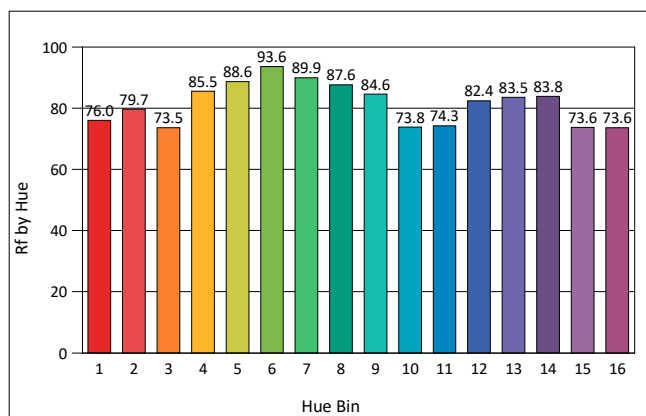
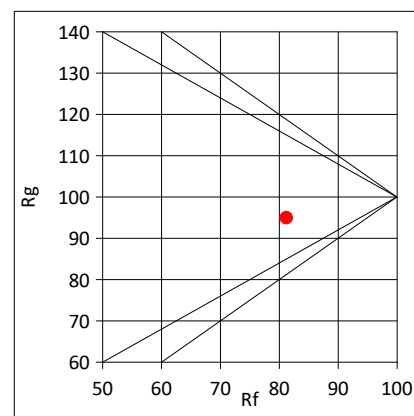
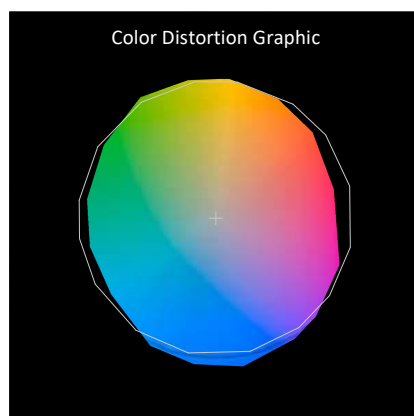
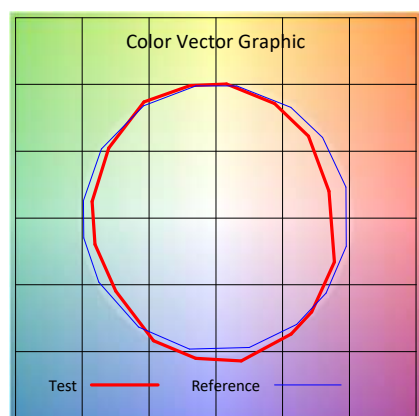
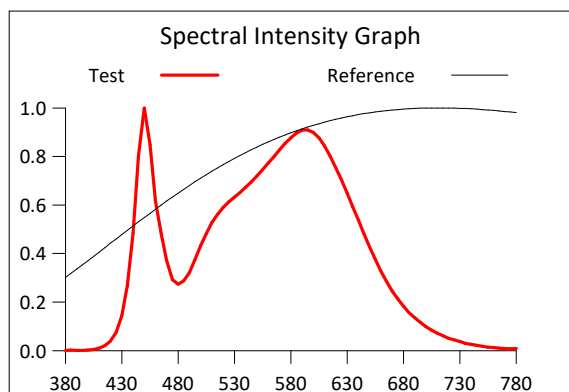
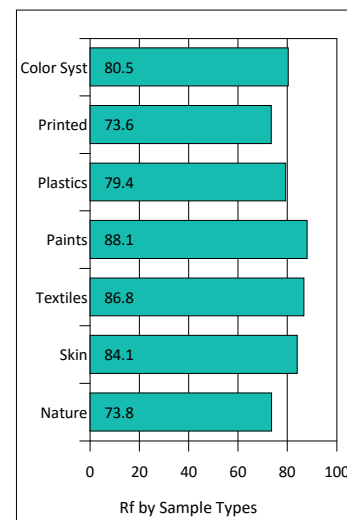
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Rf: 81.2 CCT(K): 4074 u': 0.2239
 Rg: 94.9 LER: 333.2 Duv: -0.0001 v': 0.3334

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.0	-12.9%	-0.7%
2	79.7	-8.1%	6.6%
3	73.5	-4.3%	11.9%
4	85.5	0.1%	7.6%
5	88.6	1.1%	4.1%
6	93.6	2.0%	-1.9%
7	89.9	-4.2%	-3.4%
8	87.6	-6.5%	-0.7%
9	84.6	-7.3%	6.2%
10	73.8	-7.0%	12.6%
11	74.3	2.4%	15.1%
12	82.4	6.0%	6.2%
13	83.5	8.7%	-7.9%
14	83.8	3.7%	-7.3%
15	73.6	-1.2%	-17.6%
16	73.6	-6.4%	-13.4%



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