

LED Test Report

Product Mark

Product Type : F52-40s-120822

Manufacturer :

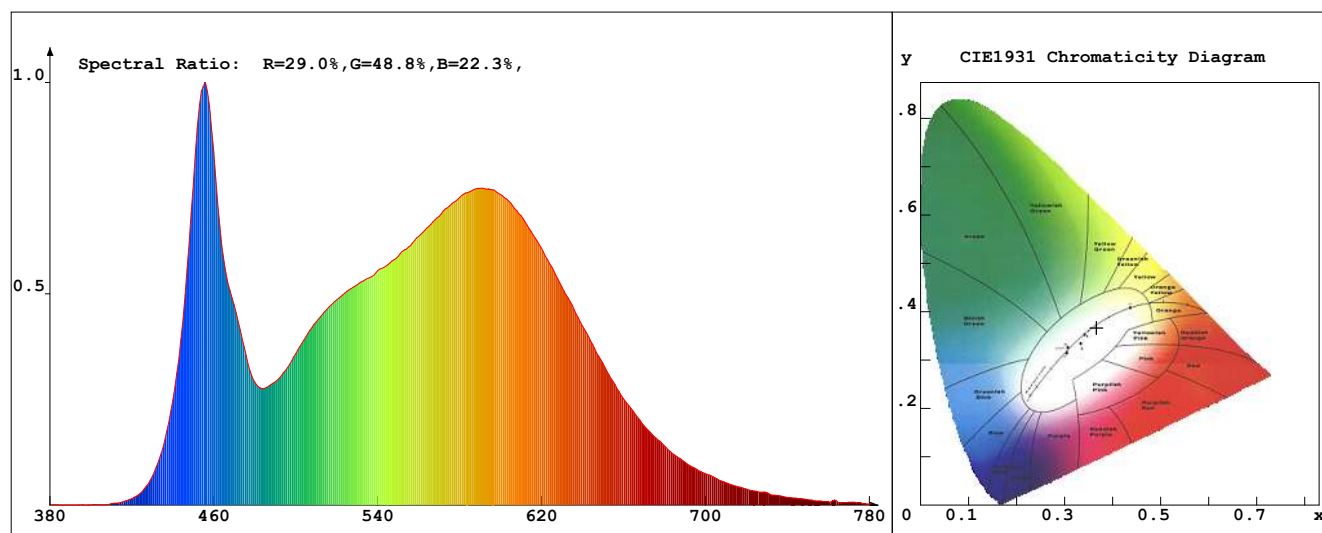
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:13:54

Remark: BIN 3NS1 LOTTO 441



Chroma Parameters

Chro.Coord.: x=0.3662 y=0.3663 u=0.2198 v=0.3298 duv=-0.0005

CCT: 4344K Dominant Wave.: 578.0nm Purity: 19.8% Centre Wave: 456.2nm

Flux RGB Ratio: R=16.4%, G=80.4%, B=3.1% Peak Wave: 454.8nm Half Width: 22.3nm

Rendering Index: Ra= 82.1 CRI= 78.4

R1 =80 R2 =91 R3 =95 R4 =79 R5 =81 R6 =87 R7 =83 R8 =61

R9 =0 R10=78 R11=77 R12=59 R13=84 R14=98 R15=74

PPF: 34.157umol/s (400-700nm)

PRF: 7.4mW (400-700nm)

PAR: 6.3mW (400-700nm)

Photo Parameters

Flux: 2597.15lm Effi.: 120.1lm/W Radiant: 7488.3mW Iv: 0.0mcd

Scotopic Flux: 4719.3Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 34843.398umol/s (380-780nm)

Ele. Parameters

Forward Current: If=902.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.97V

Reverse Current: Ir=0.00uA

Power: P=21.631W

Instrument state

Instrument: Lisun

Integral Time: 44.797ms

VPeak: 13480

VDark: 1246

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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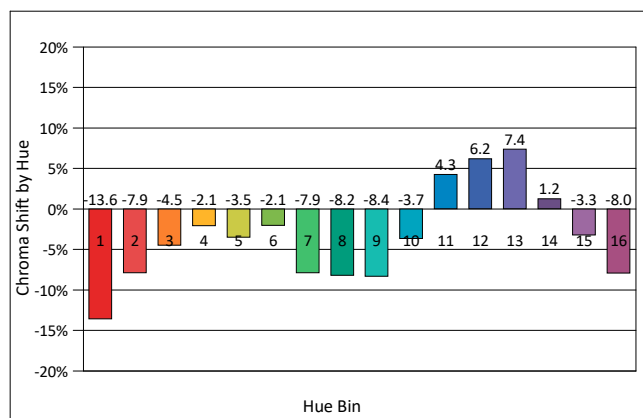
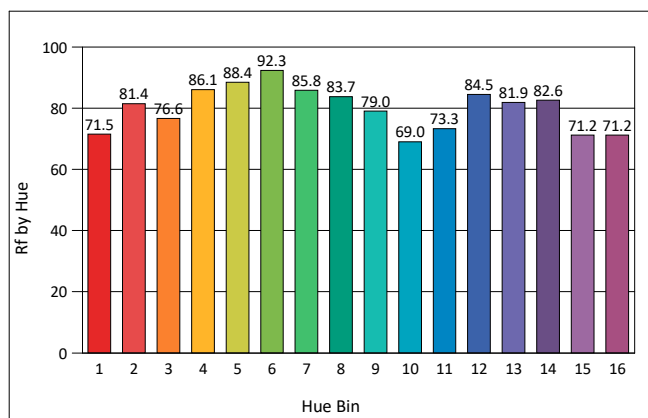
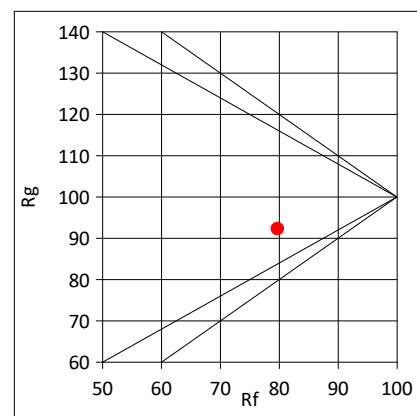
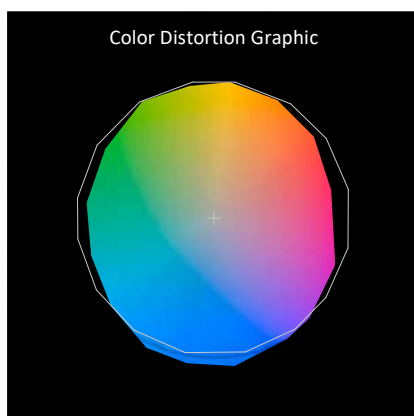
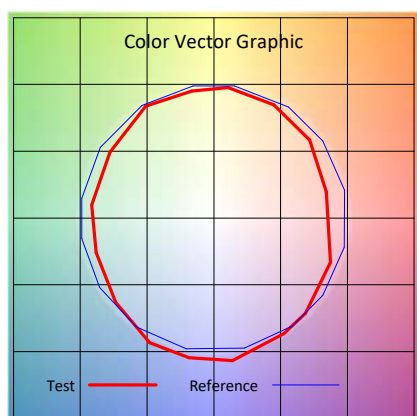
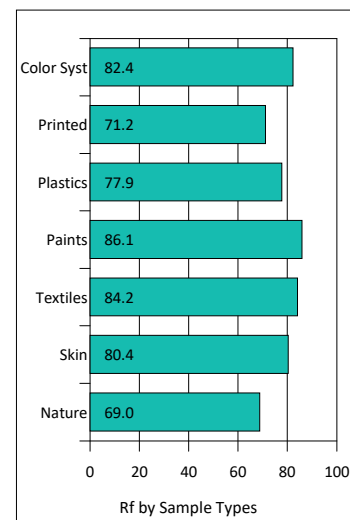
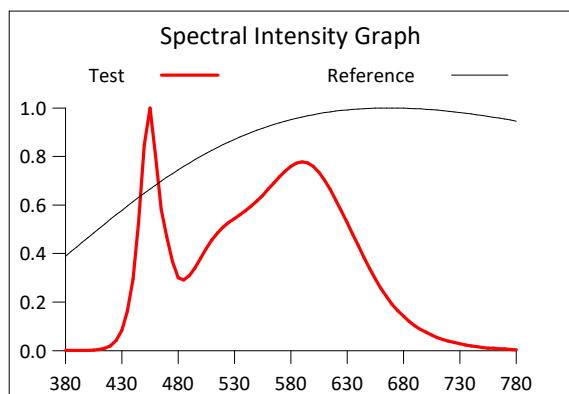
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Rf: 79.7 CCT(K): 4344 u': 0.2198
 Rg: 92.3 LER: 331.1 Duv: -0.0005 v': 0.3298

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	71.5	-13.6%	1.3%
2	81.4	-7.9%	6.0%
3	76.6	-4.5%	10.0%
4	86.1	-2.1%	4.6%
5	88.4	-3.5%	1.8%
6	92.3	-2.1%	-2.1%
7	85.8	-7.9%	-0.9%
8	83.7	-8.2%	3.3%
9	79.0	-8.4%	12.5%
10	69.0	-3.7%	15.8%
11	73.3	4.3%	14.6%
12	84.5	6.2%	3.4%
13	81.9	7.4%	-10.6%
14	82.6	1.2%	-8.8%
15	71.2	-3.3%	-18.4%
16	71.2	-8.0%	-13.0%



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