

LED Test Report

Product Mark

Product Type : K52-40s-120DF2

Manufacturer :

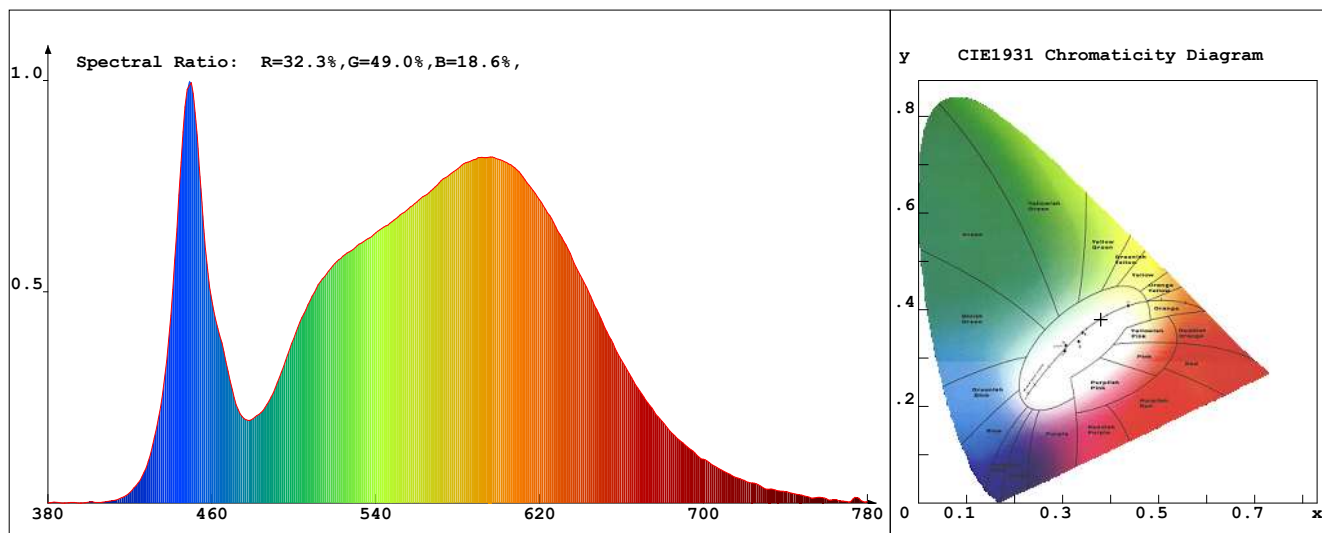
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:45:18

Remark: BIN CT STEP3 LOTTO 441



Chroma Parameters

Chro.Coord.:x=0.3800 y=0.3797 u=0.2236 v=0.3352 duv=0.0015

CCT: 4034K Dominant Wave.:578.1nm Purity:28.0% Centre Wave:449.1nm

Flux RGB Ratio:R=17.3%,G=80.5%,B=2.2% Peak Wave:448.6nm Half Width:18.1nm

Rendering Index:Ra= 82.4 CRI= 78.1

R1 =81 R2 =87 R3 =93 R4 =83 R5 =81 R6 =83 R7 =87 R8 =65

R9 =8 R10=70 R11=82 R12=61 R13=82 R14=96 R15=75

PPF:6.261umol/s (400-700nm)

PRF:1.3mW (400-700nm)

PAR:1.2mW (400-700nm)

Photo Parameters

Flux:472.88lm Effi.:109.6lm/W Radiant:1364.0mW Iv:0.0mcd

Scotopic Flux:789.6Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:6413.410umol/s (380-780nm)

Ele. Parameters

Forward Current:If=179.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.11V

Reverse Current:Ir=0.00uA

Power:P=4.321W

Instrument state

Instrument:Lisun

Integral Time: 286.948ms

VPeak: 13800

VDark: 1304

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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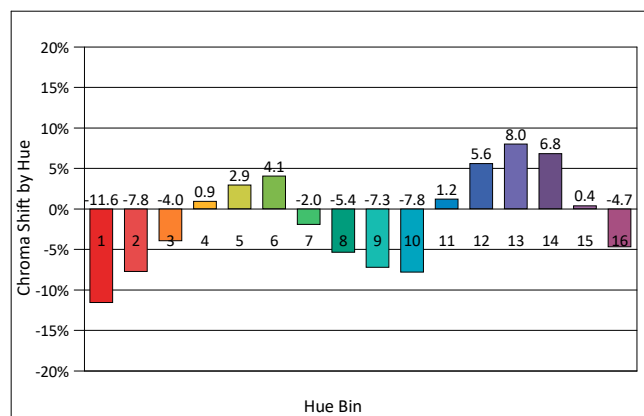
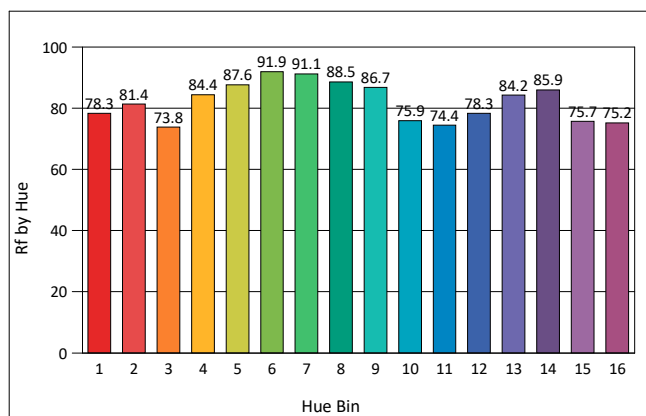
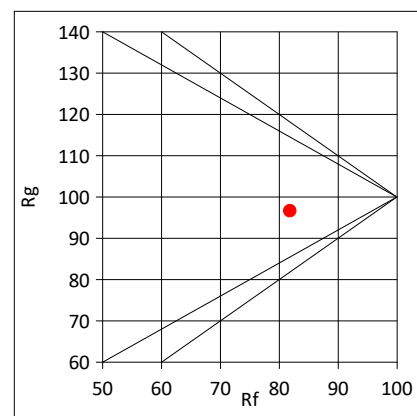
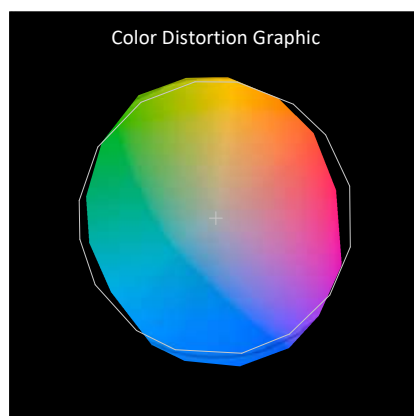
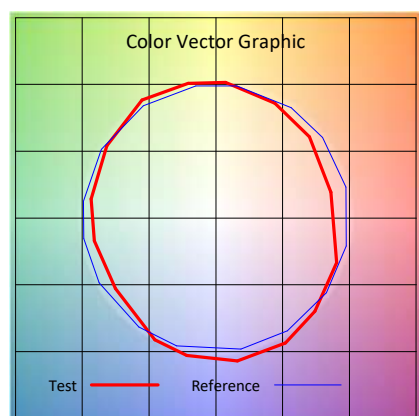
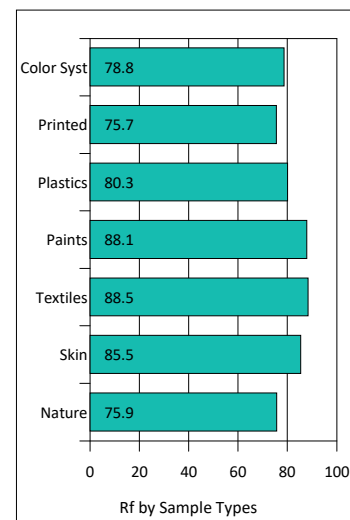
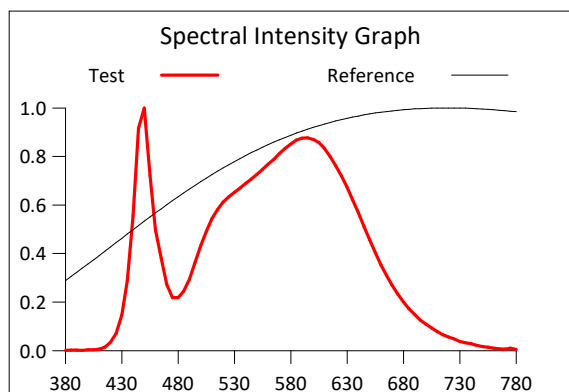
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Rf: 81.8 CCT(K): 4034 u': 0.2236
 Rg: 96.6 LER: 333.4 Duv: 0.0015 v': 0.3352

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.3	-11.6%	-1.7%
2	81.4	-7.8%	5.8%
3	73.8	-4.0%	12.0%
4	84.4	0.9%	8.6%
5	87.6	2.9%	5.2%
6	91.9	4.1%	-1.5%
7	91.1	-2.0%	-4.5%
8	88.5	-5.4%	-2.7%
9	86.7	-7.3%	3.2%
10	75.9	-7.8%	10.5%
11	74.4	1.2%	15.3%
12	78.3	5.6%	8.9%
13	84.2	8.0%	-4.3%
14	85.9	6.8%	-6.4%
15	75.7	0.4%	-16.3%
16	75.2	-4.7%	-13.5%



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