

LED Test Report

Product Mark

Product Type : F52-40s-120822-W5 8.6W

Manufacturer :

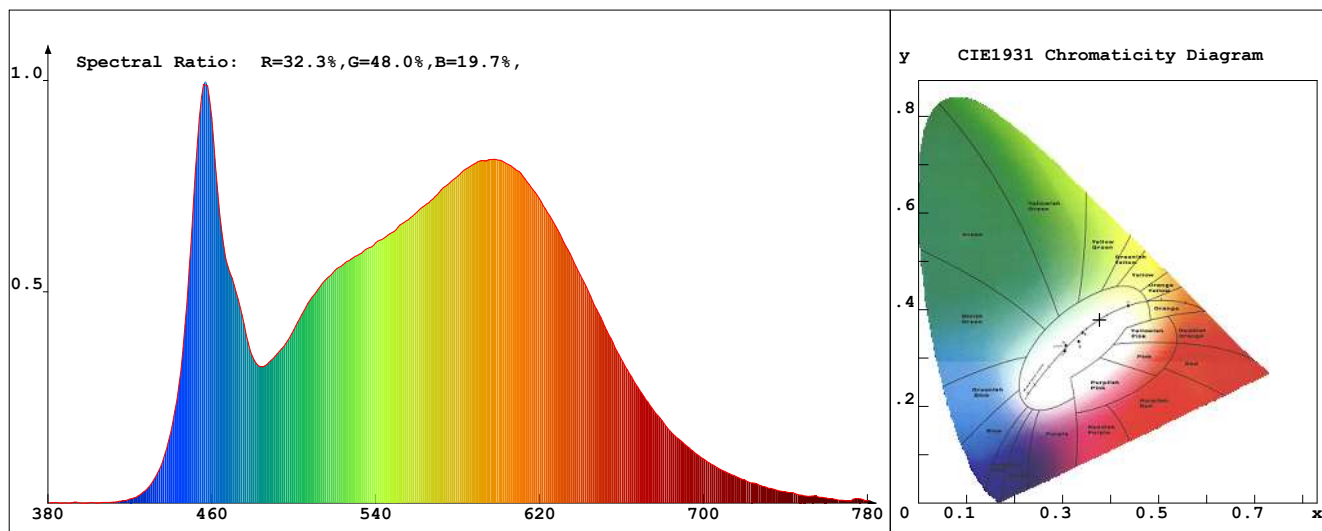
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 16:05:20

Remark: BIN 3NS1 LOTTO 437



Chroma Parameters

Chro.Coord.:x=0.3773 y=0.3790 u=0.2221 v=0.3347 duv=0.0020

CCT: 4103K Dominant Wave.:577.6nm Purity:27.0% Centre Wave:459.0nm

Flux RGB Ratio:R=17.5%,G=79.4%,B=3.1% Peak Wave:455.8nm Half Width:23.5nm

Rendering Index:Ra= 85.1 CRI= 81.5

R1 =84 R2 =94 R3 =96 R4 =81 R5 =84 R6 =90 R7 =85 R8 =66

R9 =17 R10=84 R11=81 R12=62 R13=87 R14=98 R15=78

PPF:14.046umol/s (400-700nm)

PRF:3.0mW (400-700nm)

PAR:2.6mW (400-700nm)

Photo Parameters

Flux:1056.24lm Effi.:122.9lm/W Radiant:3060.9mW Iv:0.0mcd

Scotopic Flux:1887.5Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:14398.300umol/s (380-780nm)

Ele. Parameters

Forward Current:If=357.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.07V

Reverse Current:Ir=0.00uA

Power:P=8.610W

Instrument state

Instrument:Lisun

Integral Time: 136.945ms

VPeak: 14840

VDark: 1447

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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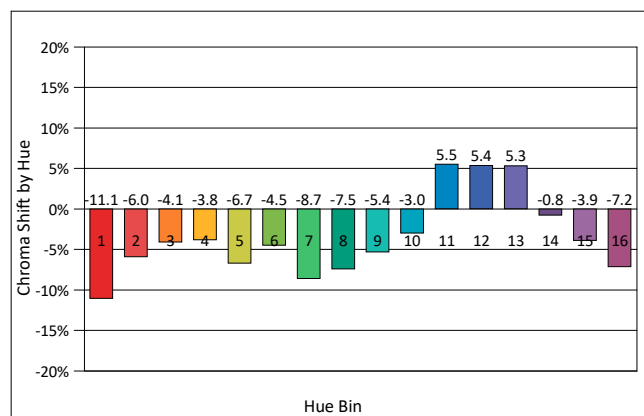
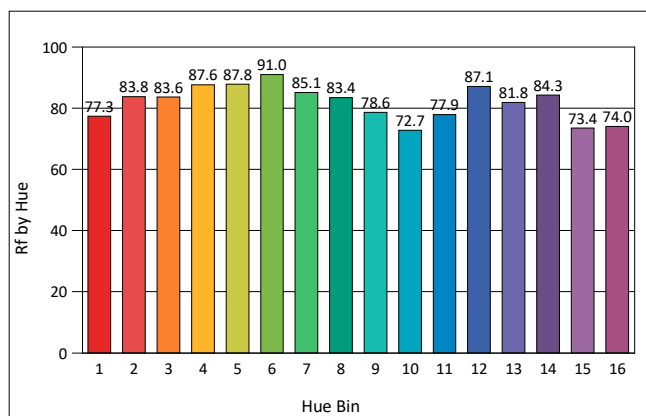
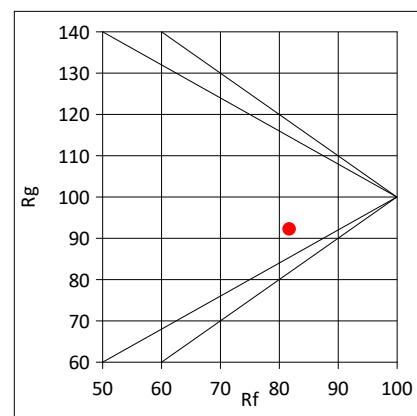
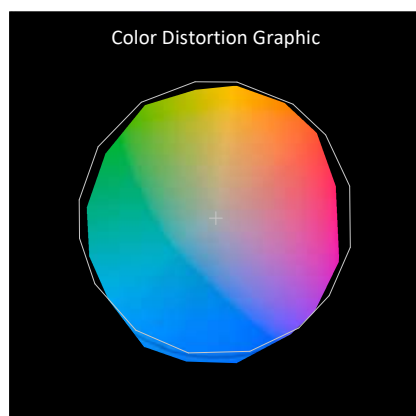
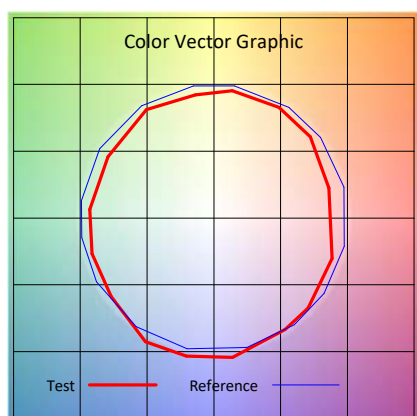
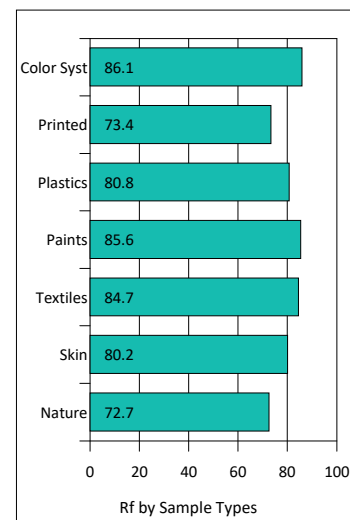
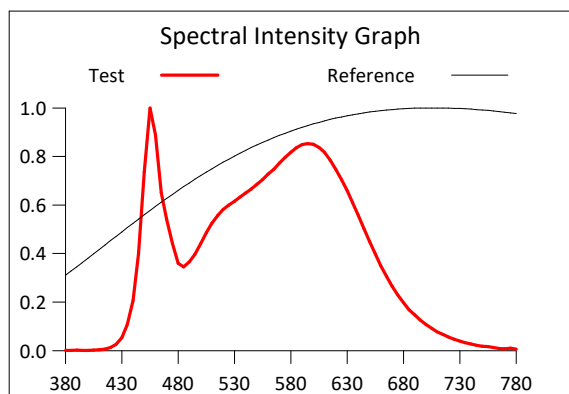
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Rf: 81.7 CCT(K): 4103 u': 0.2221
 Rg: 92.2 LER: 328.2 Duv: 0.0020 v': 0.3347

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.3	-11.1%	1.5%
2	83.8	-6.0%	4.6%
3	83.6	-4.1%	6.2%
4	87.6	-3.8%	1.1%
5	87.8	-6.7%	0.0%
6	91.0	-4.5%	-1.2%
7	85.1	-8.7%	1.4%
8	83.4	-7.5%	5.5%
9	78.6	-5.4%	13.2%
10	72.7	-3.0%	15.1%
11	77.9	5.5%	12.0%
12	87.1	5.4%	0.4%
13	81.8	5.3%	-11.9%
14	84.3	-0.8%	-7.9%
15	73.4	-3.9%	-15.8%
16	74.0	-7.2%	-10.7%



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