

LED Test Report

Product Mark

Product Type : F52-40s-120822-14.4

Manufacturer :

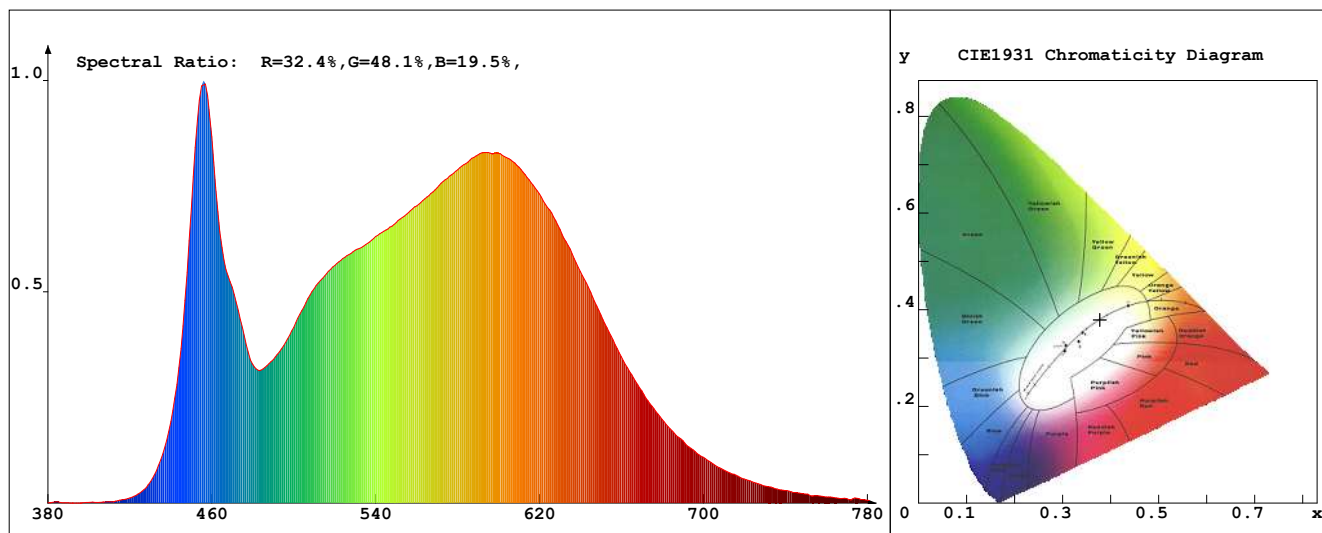
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 10:56:40

Remark: BIN 3NS1 LOTTO 441



Chroma Parameters

Chro.Coord.:x=0.3775 y=0.3794 u=0.2222 v=0.3349 duv=0.0021

CCT: 4099K Dominant Wave.:577.5nm Purity:27.2% Centre Wave:458.0nm

Flux RGB Ratio:R=17.5%,G=79.6%,B=2.9% Peak Wave:454.8nm Half Width:23.5nm

Rendering Index:Ra= 84.9 CRI= 81.2

R1 =84 R2 =93 R3 =96 R4 =82 R5 =84 R6 =90 R7 =86 R8 =66

R9 =16 R10=82 R11=81 R12=62 R13=87 R14=99 R15=78

PPF:21.251umol/s (400-700nm)

PRF:4.5mW (400-700nm)

PAR:3.9mW (400-700nm)

Photo Parameters

Flux:1593.85lm Effi.:122.6lm/W Radiant:4636.3mW Iv:0.0mcd

Scotopic Flux:2827.1Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:21816.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=548.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.72V

Reverse Current:Ir=0.00uA

Power:P=13.020W

Instrument state

Instrument:Lisun

Integral Time: 89.595ms

VPeak: 14424

VDark: 1256

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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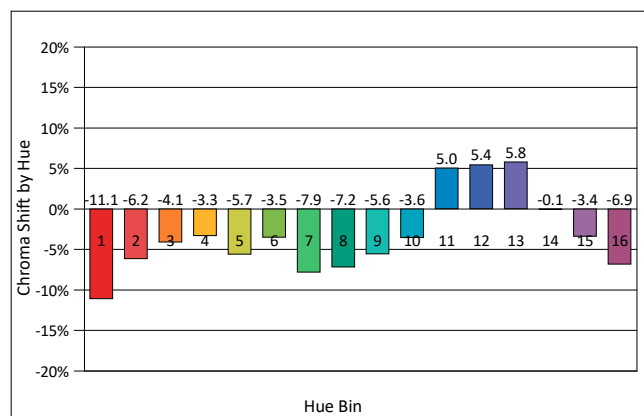
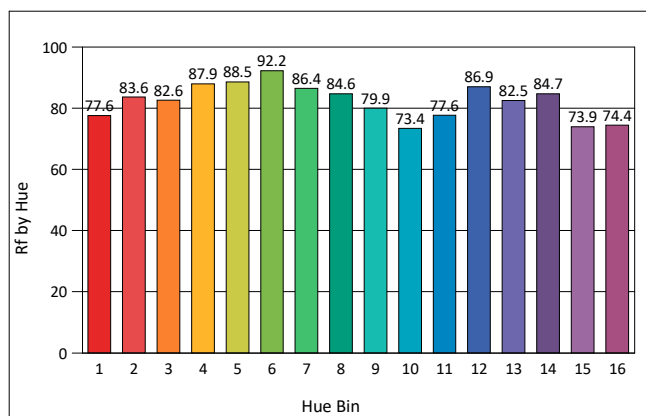
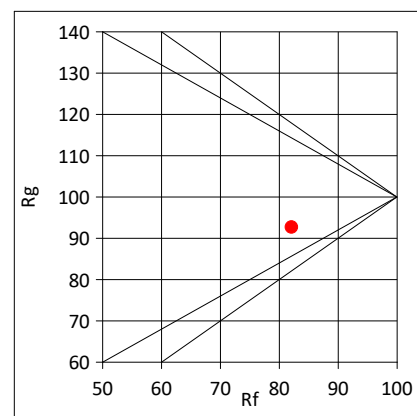
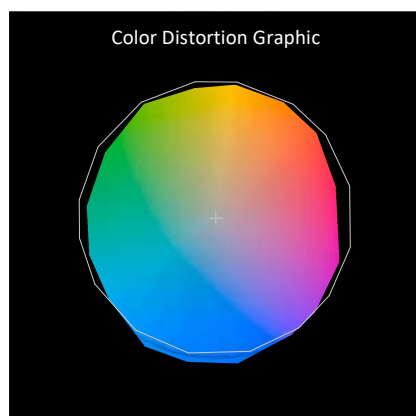
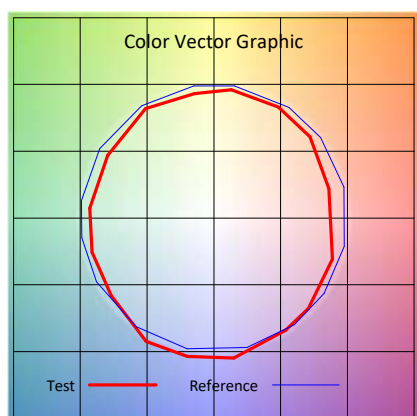
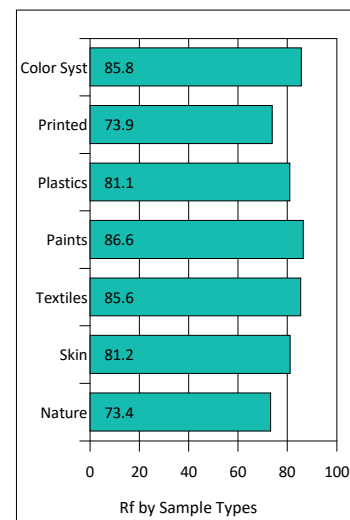
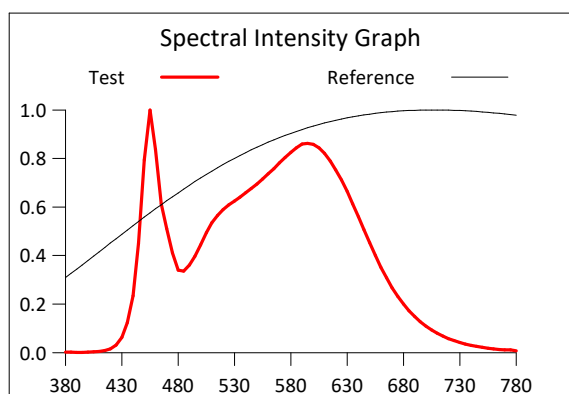
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Rf: 82.1 CCT(K): 4099 u': 0.2222
 Rg: 92.7 LER: 328.6 Duv: 0.0021 v': 0.3349

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.6	-11.1%	1.1%
2	83.6	-6.2%	4.7%
3	82.6	-4.1%	6.8%
4	87.9	-3.3%	2.0%
5	88.5	-5.7%	0.6%
6	92.2	-3.5%	-1.3%
7	86.4	-7.9%	0.7%
8	84.6	-7.2%	4.5%
9	79.9	-5.6%	12.0%
10	73.4	-3.6%	14.6%
11	77.6	5.0%	12.4%
12	86.9	5.4%	1.3%
13	82.5	5.8%	-11.2%
14	84.7	-0.1%	-7.7%
15	73.9	-3.4%	-15.9%
16	74.4	-6.9%	-11.0%



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