

LED Test Report

Product Mark

Product Type : F52-290-1208F2 21.6W

Manufacturer :

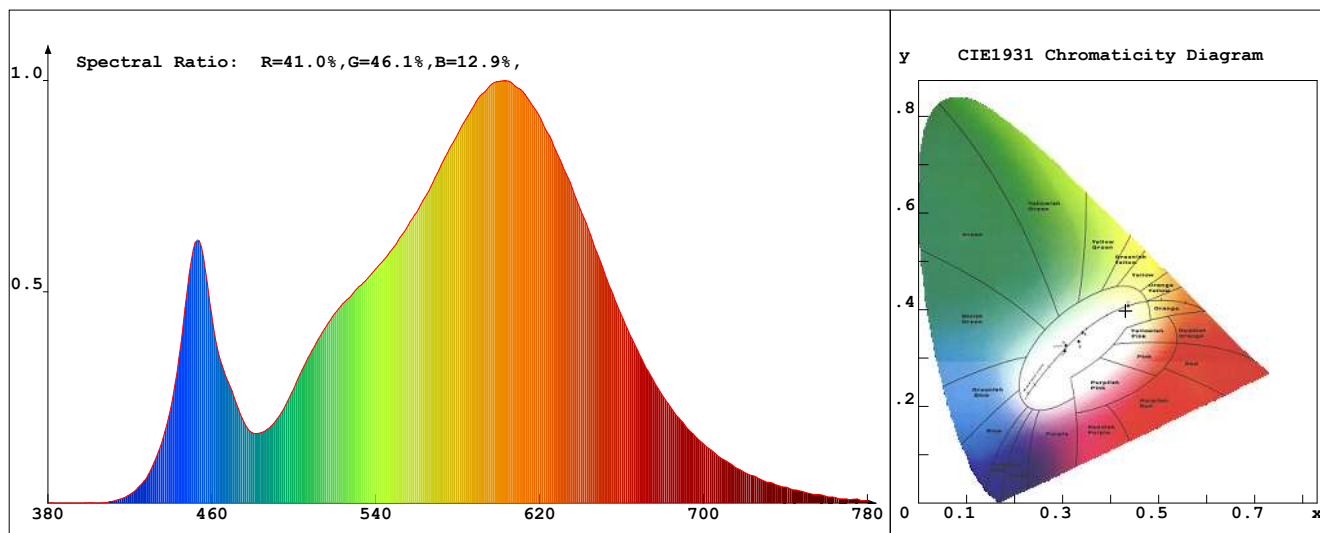
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-07-21 15:11:14

Remark: BIN R30D LOTTO 396



Chroma Parameters

Chro.Coord.:x=0.4311 y=0.3974 u=0.2496 v=0.3452 duv=-0.0019

CCT: 3046K Dominant Wave.:583.3nm Purity:48.7% Centre Wave:591.4nm

Flux RGB Ratio:R=21.5%,G=76.8%,B=1.7% Peak Wave:600.7nm Half Width:125.8nm

Rendering Index:Ra= 80.6 CRI= 77.5

R1 =79 R2 =89 R3 =96 R4 =78 R5 =79 R6 =87 R7 =81 R8 =56

R9 =0 R10=75 R11=76 R12=66 R13=81 R14=98 R15=72

PPF:31.388umol/s (400-700nm)

PRF:6.5mW (400-700nm)

PAR:5.8mW (400-700nm)

Photo Parameters

Flux:2344.90lm Effi.:108.4lm/W Radiant:6699.1mW Iv:0.0mcd

Scotopic Flux:3137.4Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:32406.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=906.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.87V

Reverse Current:Ir=0.00uA

Power:P=21.631W

Instrument state

Instrument:Lisun

Integral Time: 65.614ms

VPeak: 15064

VDark: 1445

Scan Range: 380-780nm

Product ID: 201508924

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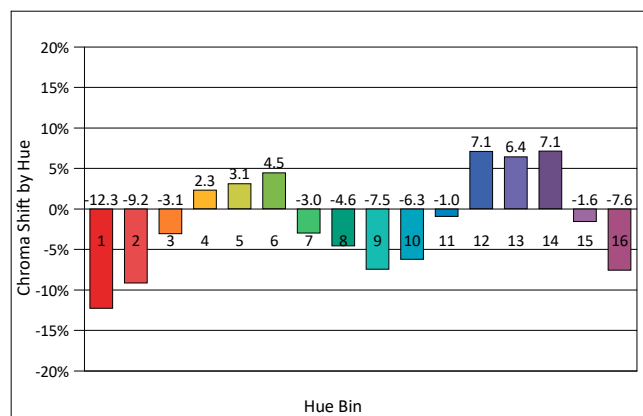
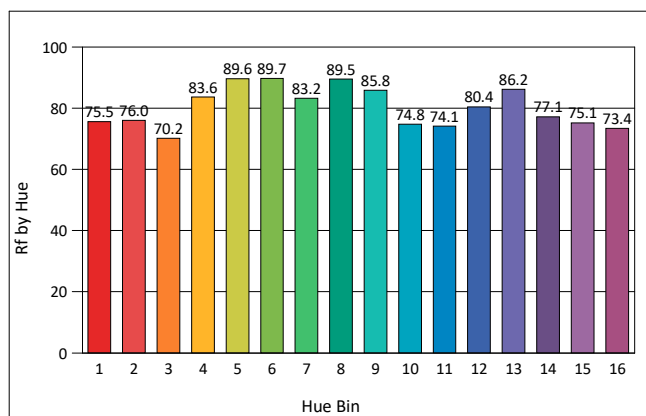
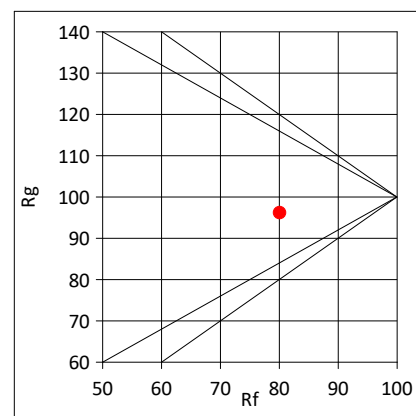
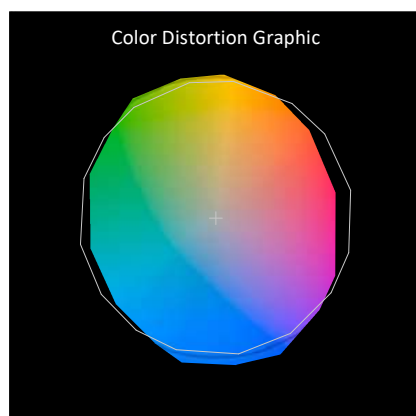
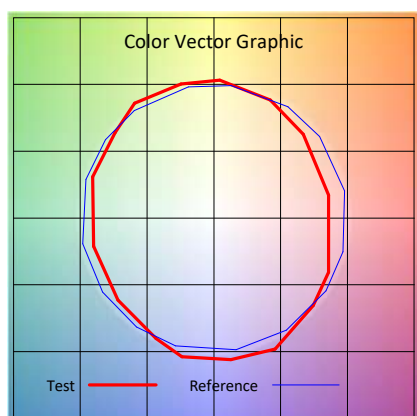
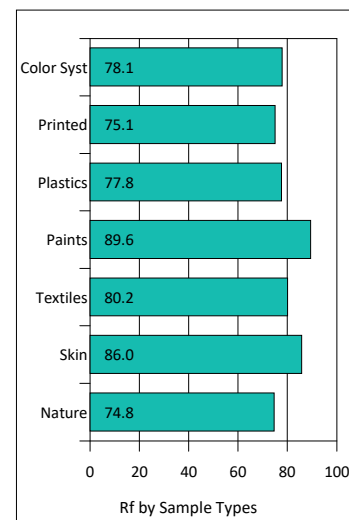
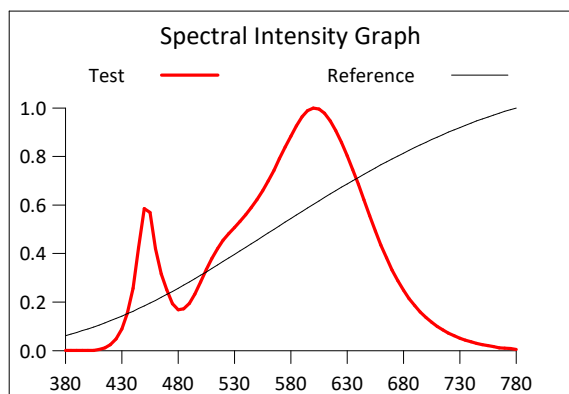
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Rf: 80.1 CCT(K): 3046 u': 0.2496
Rg: 96.2 LER: 333.7 Duv: -0.0019 v': 0.3452

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.5	-12.3%	-0.6%
2	76.0	-9.2%	8.2%
3	70.2	-3.1%	13.8%
4	83.6	2.3%	9.1%
5	89.6	3.1%	4.9%
6	89.7	4.5%	-3.2%
7	83.2	-3.0%	-8.5%
8	89.5	-4.6%	-3.0%
9	85.8	-7.5%	3.6%
10	74.8	-6.3%	11.4%
11	74.1	-1.0%	16.8%
12	80.4	7.1%	6.3%
13	86.2	6.4%	-5.2%
14	77.1	7.1%	-14.9%
15	75.1	-1.6%	-14.5%
16	73.4	-7.6%	-17.1%



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