

LED Test Report

Product Mark

Product Type : F52-40S-060822-C90

Manufacturer :

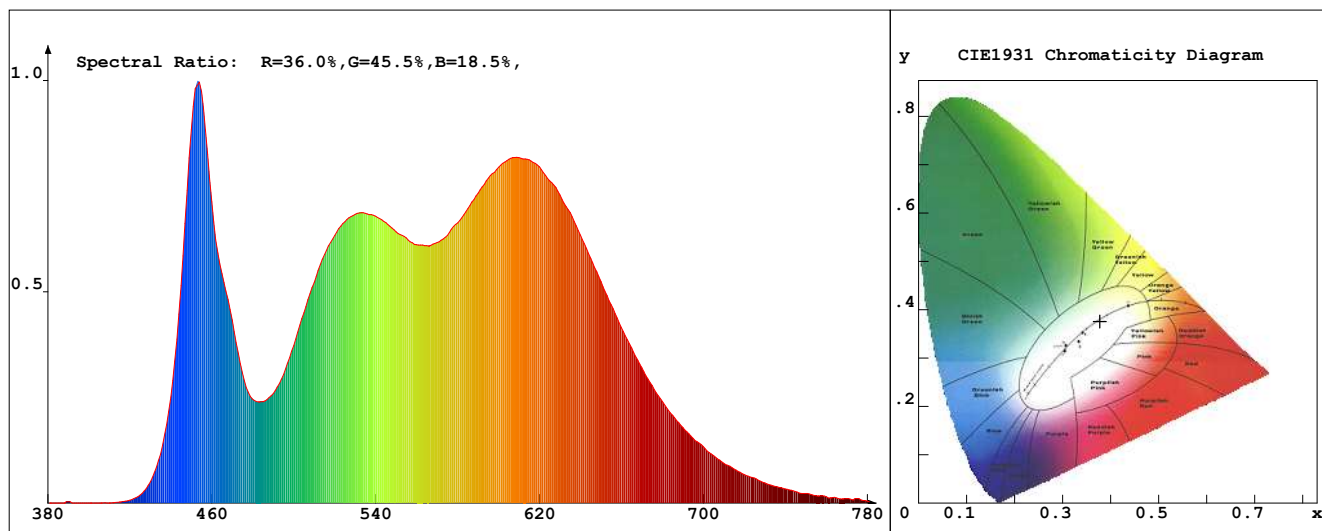
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 23-02-22 15:18:55

Remark: BIN - LOTTO -



Chroma Parameters

Chro.Coord.: x=0.3779 y=0.3756 u=0.2239 v=0.3338 duv=0.0002

CCT: 4063K Dominant Wave.: 578.7nm Purity: 26.1% Centre Wave: 455.0nm

Flux RGB Ratio: R=19.3%, G=78.1%, B=2.6% Peak Wave: 452.4nm Half Width: 22.3nm

Rendering Index: Ra= 93.0 CRI= 89.4

R1 =95 R2 =95 R3 =94 R4 =96 R5 =94 R6 =93 R7 =94 R8 =84

R9 =56 R10=87 R11=95 R12=67 R13=96 R14=96 R15=91

PPF: 17.869 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.8mW (400-700nm)

PAR: 3.3mW (400-700nm)

Photo Parameters

Flux: 1301.76lm Effi.: 100.1lm/W Radiant: 3888.4mW Iv: 0.0mcd

Scotopic Flux: 2328.3Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 18409.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: U=24.55V

Current: I=0.5300A

Power: P=13.031W

Power Factor: PF=1.000

Instrument state

Instrument: Lisun

Integral Time: 103.068ms

VPeak: 14136

VDark: 1343

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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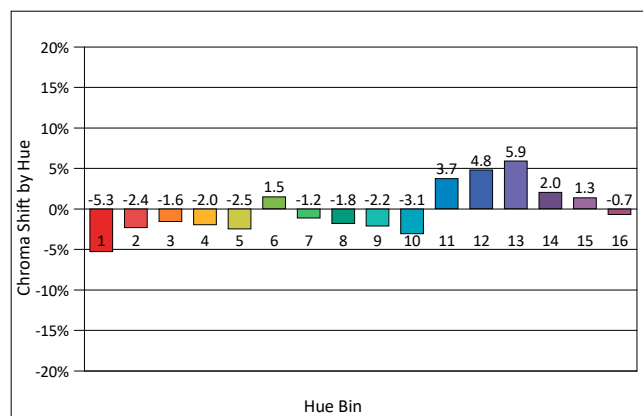
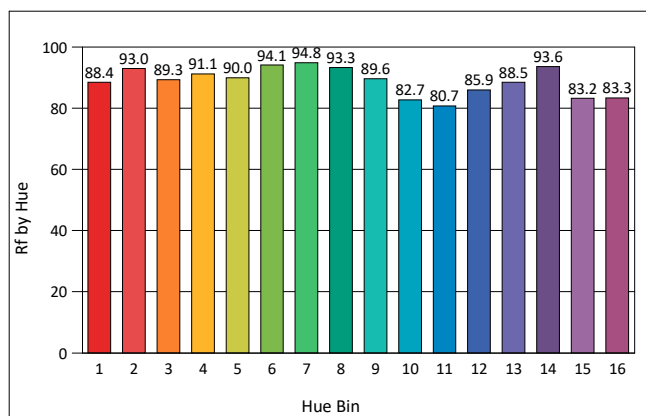
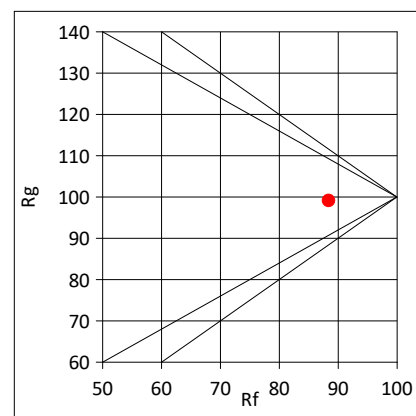
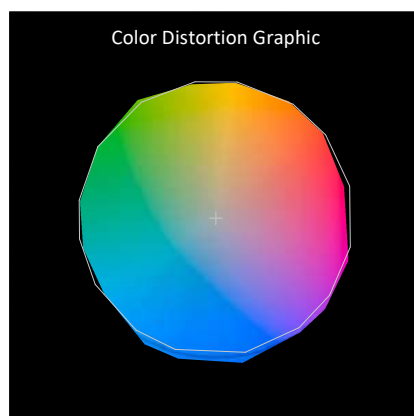
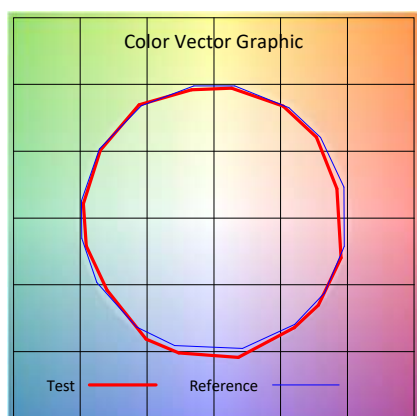
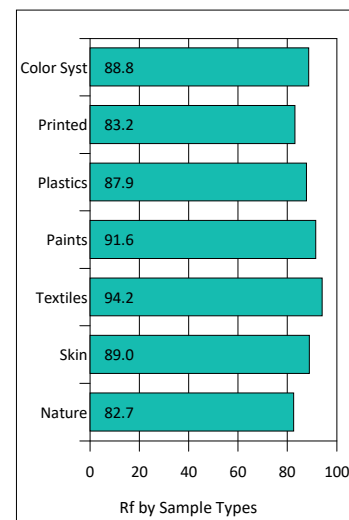
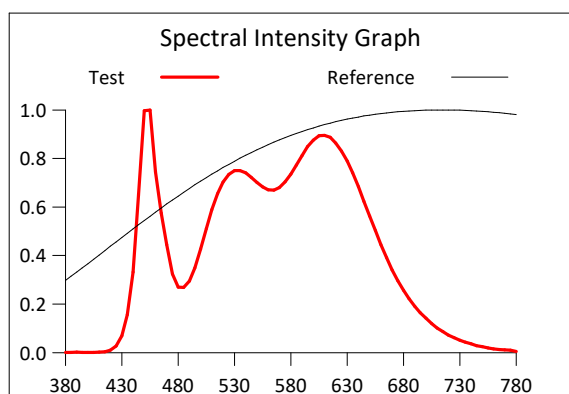
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Rf: 88.4 CCT(K): 4063 u': 0.2239
 Rg: 99.1 LER: 315.7 Duv: 0.0002 v': 0.3338

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.4	-5.3%	-0.1%
2	93.0	-2.4%	1.8%
3	89.3	-1.6%	4.3%
4	91.1	-2.0%	1.9%
5	90.0	-2.5%	2.2%
6	94.1	1.5%	1.2%
7	94.8	-1.2%	0.4%
8	93.3	-1.8%	1.9%
9	89.6	-2.2%	6.4%
10	82.7	-3.1%	9.2%
11	80.7	3.7%	11.0%
12	85.9	4.8%	4.1%
13	88.5	5.9%	-4.4%
14	93.6	2.0%	-1.5%
15	83.2	1.3%	-9.9%
16	83.3	-0.7%	-9.0%



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