

LED Test Report

Product Mark

Product Type : F52-50s-240DF2

Manufacturer :

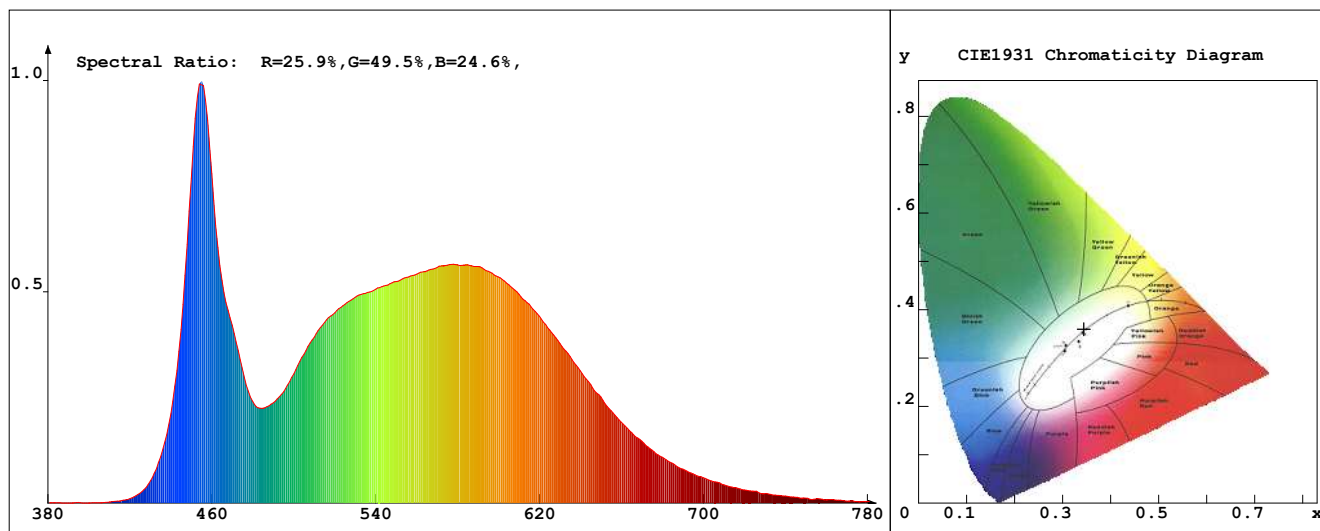
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 10-01-22 10:11:45

Remark:



Chroma Parameters

Chro.Coord.:x=0.3440 y=0.3600 u=0.2075 v=0.3257 duv=0.0046

CCT: 5067K Dominant Wave.:567.7nm Purity:11.3% Centre Wave:455.1nm

Flux RGB Ratio:R=14.5%,G=82.1%,B=3.4% Peak Wave:453.8nm Half Width:19.7nm

Rendering Index:Ra= 81.4 CRI= 77.0

R1 =79 R2 =88 R3 =93 R4 =79 R5 =79 R6 =83 R7 =86 R8 =63

R9 =-2 R10=71 R11=78 R12=55 R13=82 R14=97 R15=73

PPF:27.972umol/s (400-700nm)

PRF:6.1mW(400-700nm)

PAR:5.2mW(400-700nm)

Photo Parameters

Flux:2138.65lm Effi.:123.5lm/W Radiant:6198.0mW Iv:0.0mcd

Scotopic Flux:4211.3Plm Effi.:0.0Plm/W S/P:2.0

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:28546.699umol/s (380-780nm)

Ele. Parameters

Voltage:U=23.96V

Current:I=0.7230A

Power:P=17.330W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 45.705ms

VPeak: 13592

VDark: 1151

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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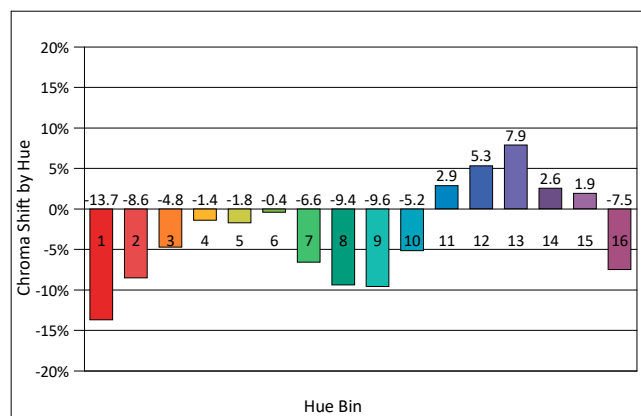
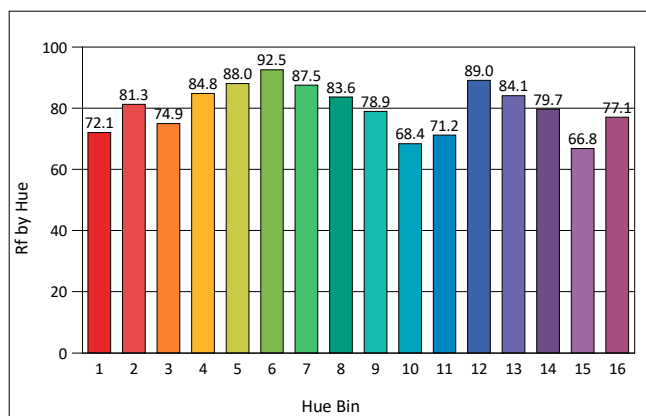
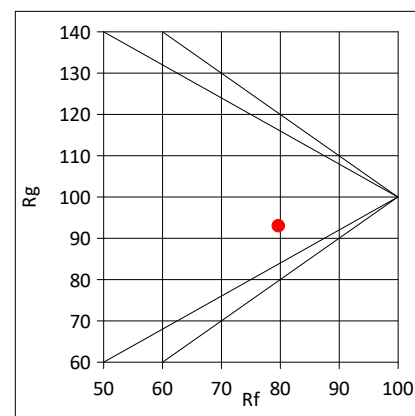
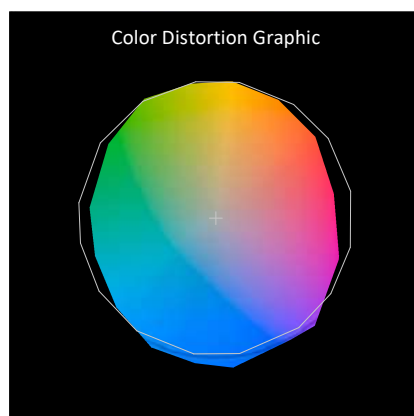
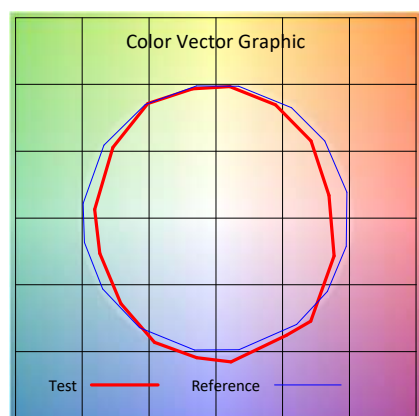
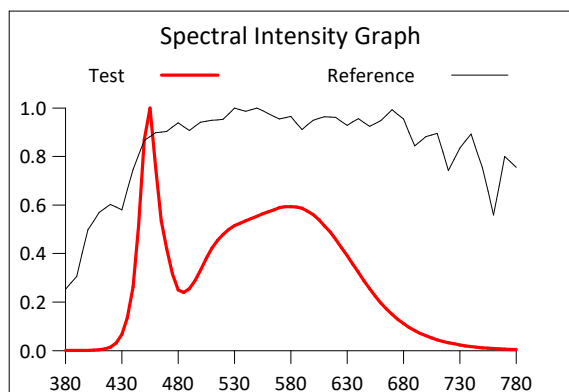
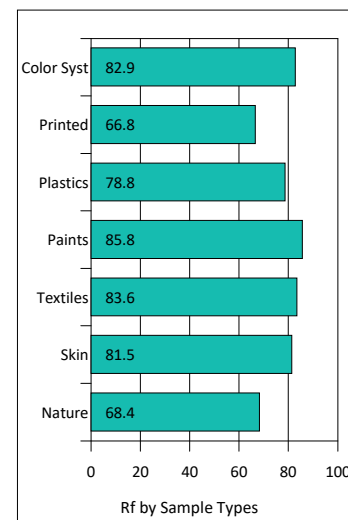
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Rf: 79.7 CCT(K): 5067 u': 0.2075
 Rg: 93.0 LER: 329.1 Duv: 0.0046 v': 0.3257

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.1	-13.7%	0.2%
2	81.3	-8.6%	5.7%
3	74.9	-4.8%	11.0%
4	84.8	-1.4%	6.4%
5	88.0	-1.8%	3.1%
6	92.5	-0.4%	-2.1%
7	87.5	-6.6%	-2.3%
8	83.6	-9.4%	2.9%
9	78.9	-9.6%	10.2%
10	68.4	-5.2%	16.7%
11	71.2	2.9%	15.6%
12	89.0	5.3%	2.8%
13	84.1	7.9%	-7.6%
14	79.7	2.6%	-10.7%
15	66.8	1.9%	-25.4%
16	77.1	-7.5%	-8.8%



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