

LED Test Report

Product Mark

Product Type : F52-40S-156822-W5 BIN 3NS1 LManufacturer :

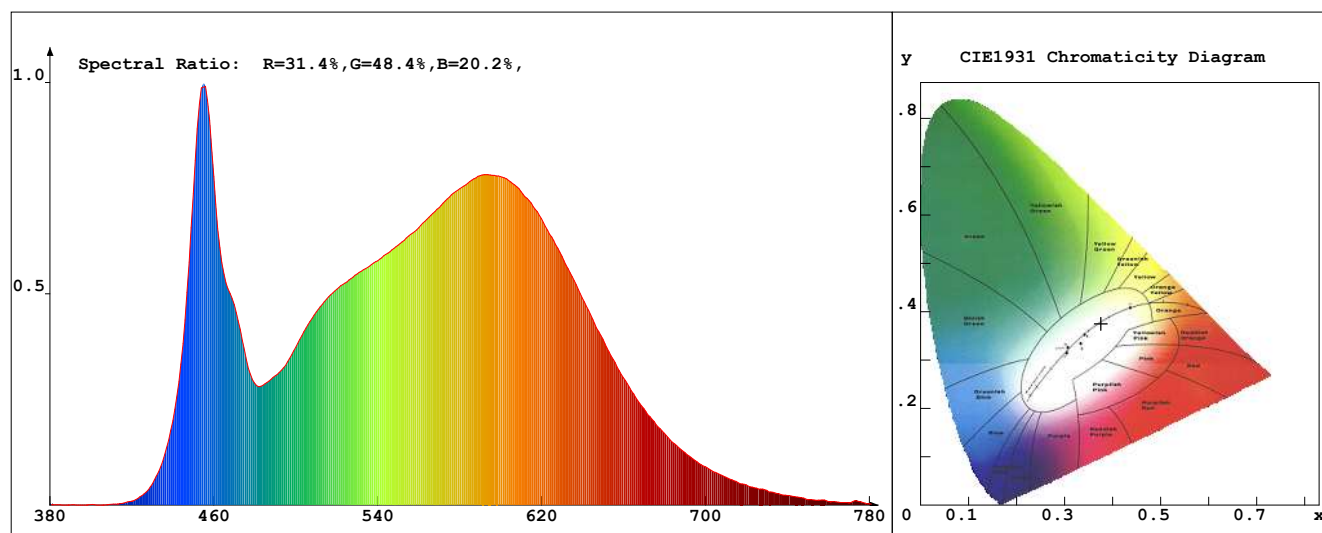
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:30:27

Remark:



Chroma Parameters

Chro.Coord.:x=0.3760 y=0.3750 u=0.2229 v=0.3334 duv=0.0005

CCT: 4111K Dominant Wave.:578.3nm Purity:25.4% Centre Wave:456.5nm

Flux RGB Ratio:R=17.4%,G=79.7%,B=2.9% Peak Wave:453.8nm Half Width:21.3nm

Rendering Index:Ra= 83.7 CRI= 80.0

R1 =82 R2 =92 R3 =96 R4 =81 R5 =82 R6 =88 R7 =85 R8 =64

R9 =10 R10=80 R11=80 R12=61 R13=85 R14=98 R15=76

PPF:9.700umol/s (400-700nm)

PRF:2.1mW (400-700nm)

PAR:1.8mW (400-700nm)

Photo Parameters

Flux:744.74lm Effi.:124.1lm/W Radiant:2115.3mW Iv:0.0mcd

Scotopic Flux:1313.8Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:9922.580umol/s (380-780nm)

Ele. Parameters

Voltage:U=23.72V

Current:I=0.2530A

Power:P=6.020W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 162.518ms

VPeak: 13512

VDark: 1469

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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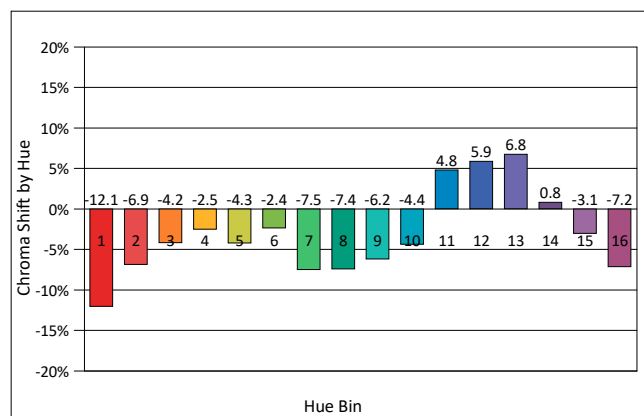
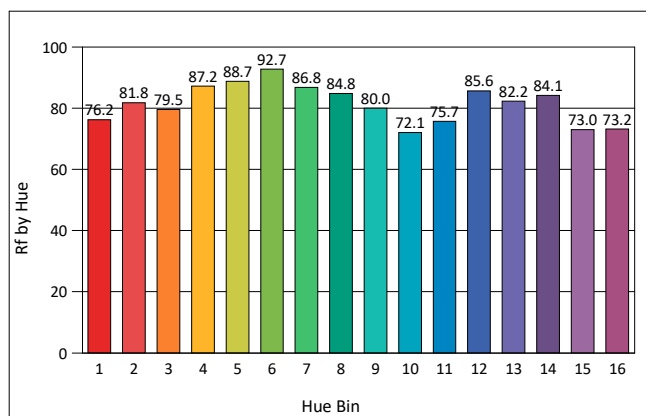
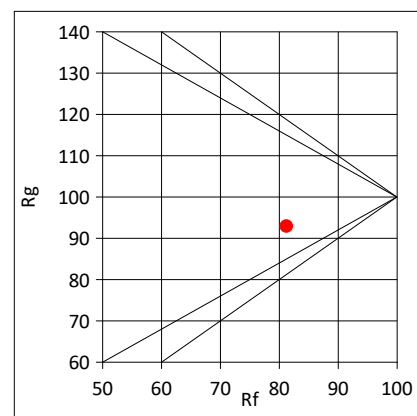
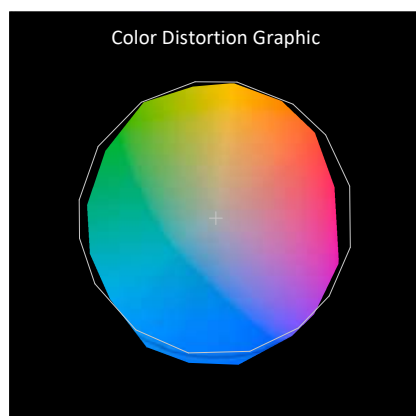
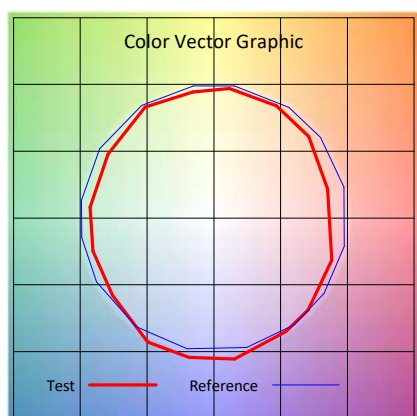
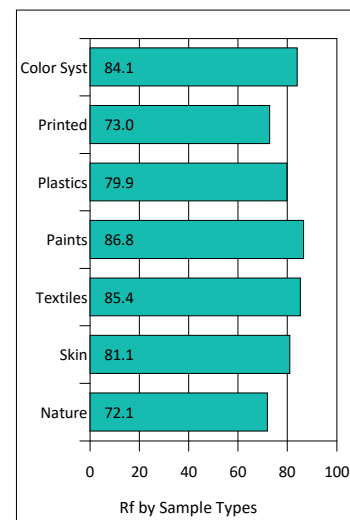
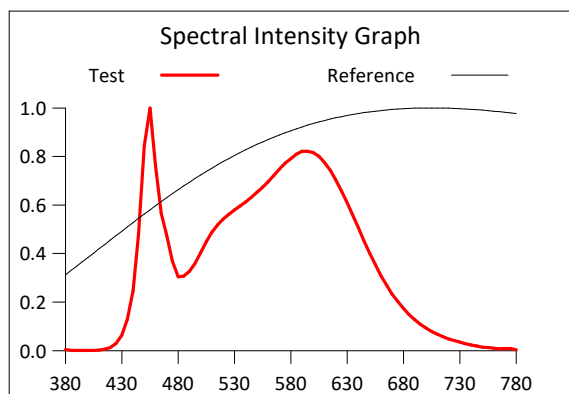
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Rf: 81.2 CCT(K): 4111 u': 0.2229
Rg: 92.9 LER: 330.8 Duv: 0.0005 v': 0.3334

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.2	-12.1%	0.9%
2	81.8	-6.9%	5.6%
3	79.5	-4.2%	8.5%
4	87.2	-2.5%	3.4%
5	88.7	-4.3%	1.4%
6	92.7	-2.4%	-1.6%
7	86.8	-7.5%	-0.2%
8	84.8	-7.4%	3.7%
9	80.0	-6.2%	11.5%
10	72.1	-4.4%	15.0%
11	75.7	4.8%	13.7%
12	85.6	5.9%	2.5%
13	82.2	6.8%	-10.8%
14	84.1	0.8%	-8.0%
15	73.0	-3.1%	-17.0%
16	73.2	-7.2%	-12.0%



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