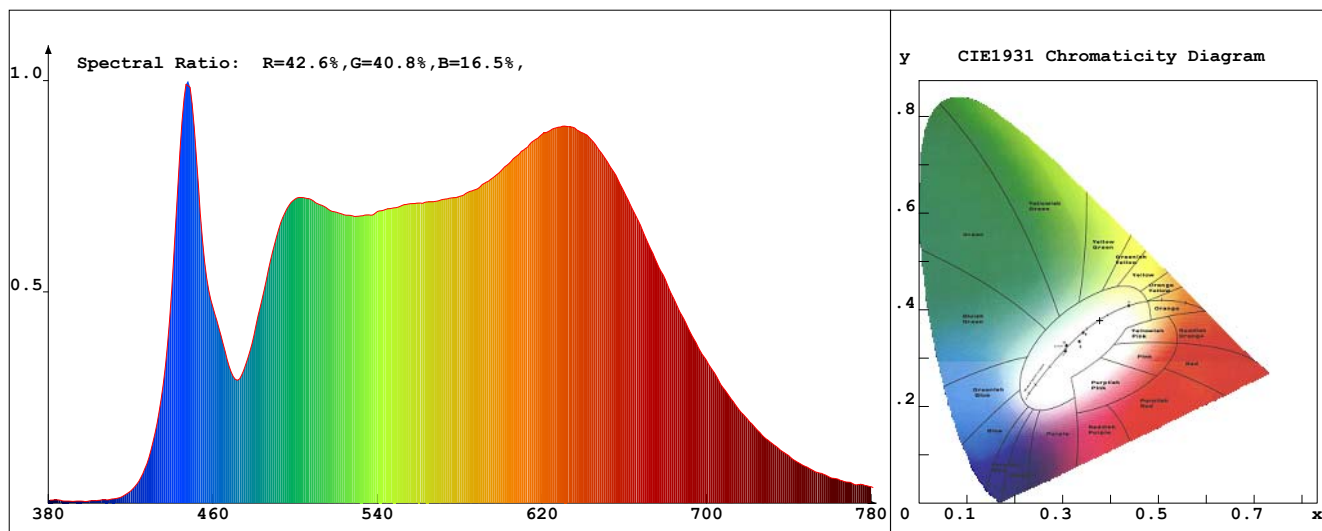


LED Test Report

Product Mark

Product Type : F52-40s-x1288H2/13 11.7W Manufacturer :
 Temperature : 'C Humidity : %
 Operator : Test Date : 2019-10-19
 Remark: Bin: JK STEP3 Lotto: 383



Chroma Parameters

Chro.Coord.:x=0.3775 y=0.3776 u=0.2228 v=0.3343 duv=0.0013
 CCT: 4087K Dominant Wave.:578.0nm Purity:26.6% Centre Wave:448.0nm
 Flux RGB Ratio:R=19.8%,G=77.3%,B=2.9% Peak Wave:446.6nm Half Width:17.9nm

Rendering Index:Ra= 98.0 CRI= 97.2

R1 =97	R2 =99	R3 =99	R4 =96	R5 =97	R6 =97	R7 =100	R8 =99
R9 =99	R10=97	R11=92	R12=91	R13=98	R14=99	R15=98	
PPF:24.624umol/s (400-700nm)			PRF:5.2mW (400-700nm)			PAR:4.4mW (400-700nm)	

Photo Parameters

Flux:1558.05lm Effi.:133.2lm/W Radiant:5477.3mW Iv:0.0mcd
 Scotopic Flux:2988.7Plm Effi.:0.0Plm/W S/P:1.9
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:26457.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=492.0mA Reverse Voltage:Vr=5.00V
 Forward Voltage:Vf=23.77V Reverse Current:Ir=0.00uA
 Power:P=11.711W

Instrument state

Instrument: -	Integral Time: 97.287ms	VPeak: 13656
VDark: 1217	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x1288H2/13 11.7W

Manufacturer :

Temperature : 'C

Humidity : %

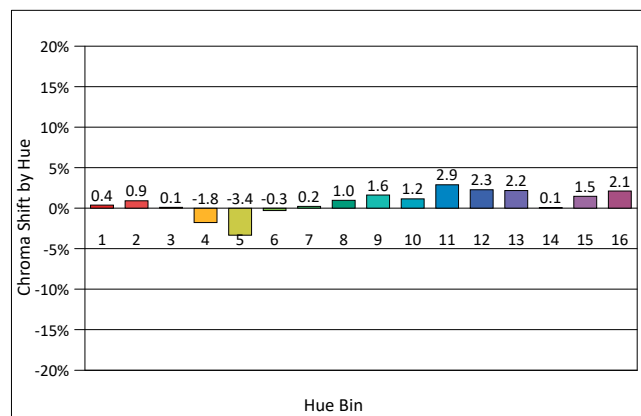
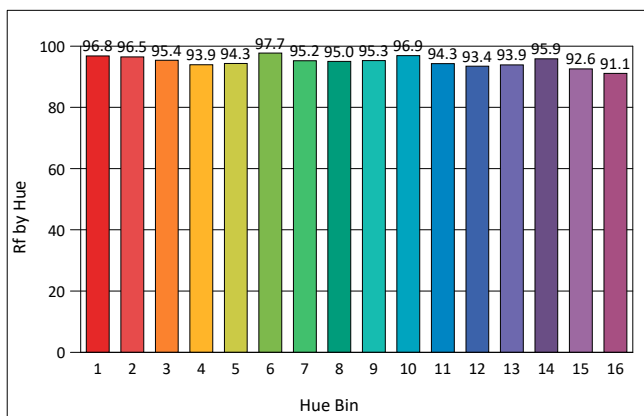
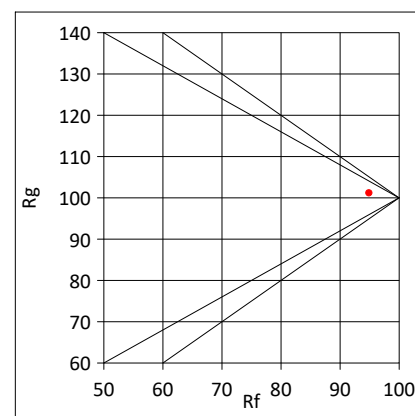
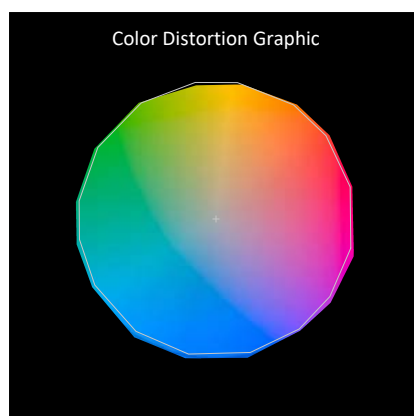
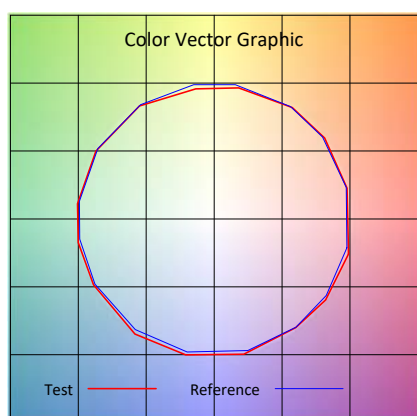
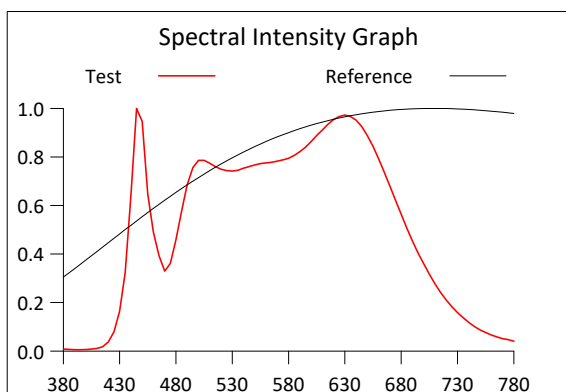
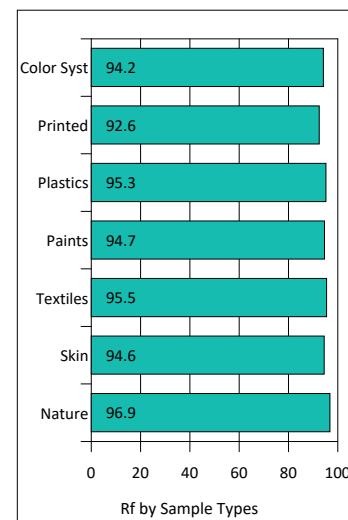
Operator :

Test Date : 2019-10-19

Remark: Bin: JK STEP3 Lotto: 383

Rf: 94.9 CCT(K): 4087 u': 0.2228
 Rg: 101.2 LER: 274.9 Duv: 0.0013 v': 0.3343

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.8	0.4%	-0.7%
2	96.5	0.9%	-1.4%
3	95.4	0.1%	-1.6%
4	93.9	-1.8%	-2.9%
5	94.3	-3.4%	-1.0%
6	97.7	-0.3%	1.3%
7	95.2	0.2%	2.4%
8	95.0	1.0%	2.1%
9	95.3	1.6%	2.3%
10	96.9	1.2%	-0.2%
11	94.3	2.9%	1.7%
12	93.4	2.3%	-0.7%
13	93.9	2.2%	-3.4%
14	95.9	0.1%	-0.5%
15	92.6	1.5%	-3.0%
16	91.1	2.1%	-4.3%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x1288H2/13 11.7W

Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: JK STEP3 Lotto: 383

