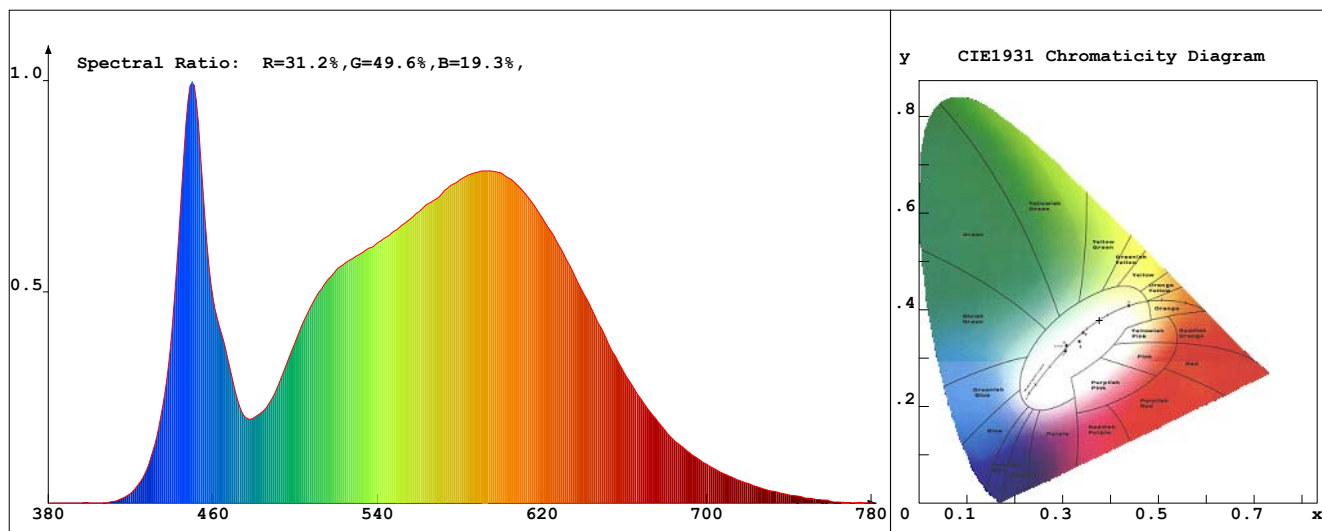


LED Test Report

Product Mark

Product Type : F52-40s-x240DF2/14.4 13W Manufacturer :
 Temperature : 'C Humidity : %
 Operator : Test Date : 2019-10-19
 Remark: Bin: CT STEP3 Lotto: 388



Chroma Parameters

Chro.Coord.:x=0.3763 y=0.3780 u=0.2219 v=0.3343 duv=0.0018
 CCT: 4124K Dominant Wave.:577.6nm Purity:26.4% Centre Wave:449.5nm
 Flux RGB Ratio:R=17.0%,G=80.7%,B=2.3% Peak Wave:448.6nm Half Width:17.7nm

Rendering Index:Ra= 82.0 CRI= 77.7

R1 =80	R2 =87	R3 =93	R4 =82	R5 =80	R6 =83	R7 =86	R8 =64
R9 =5	R10=70	R11=81	R12=60	R13=81	R14=96	R15=74	
PPF:28.107umol/s (400-700nm)			PRF: 6.0mW (400-700nm)			PAR:5.2mW (400-700nm)	

Photo Parameters

Flux:2136.97lm Effi.:169.2lm/W Radiant:6120.8mW Iv:0.0mcd
 Scotopic Flux:3627.9Plm Effi.:0.0Plm/W S/P:1.7
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:28677.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=531.0mA Reverse Voltage:Vr=5.00V
 Forward Voltage:Vf=23.79V Reverse Current:Ir=0.00uA
 Power:P=13.040W

Instrument state

Instrument: -	Integral Time: 60.847ms	VPeak: 13784
VDark: 1233	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x240DF2/14.4 13W

Manufacturer :

Temperature : 'C

Humidity : %

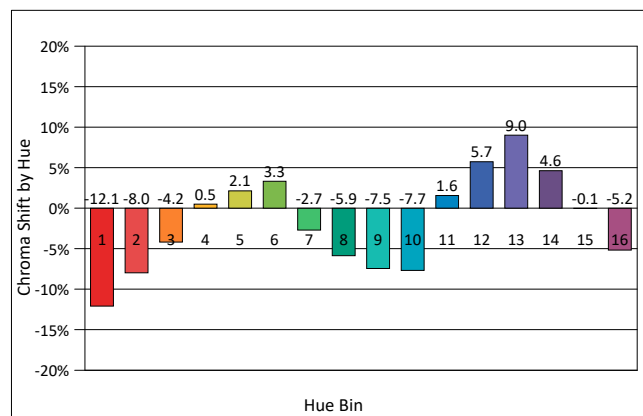
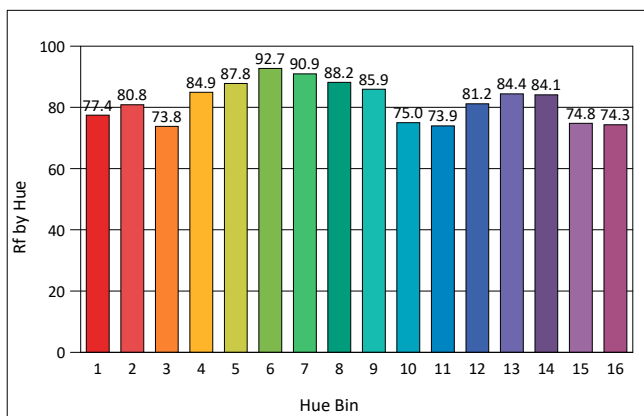
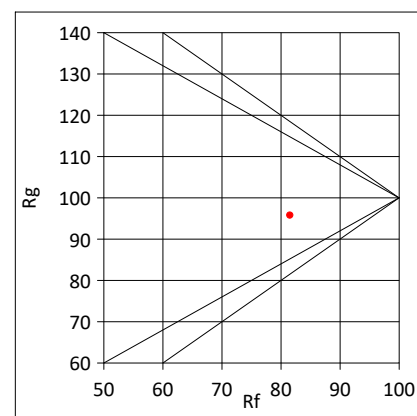
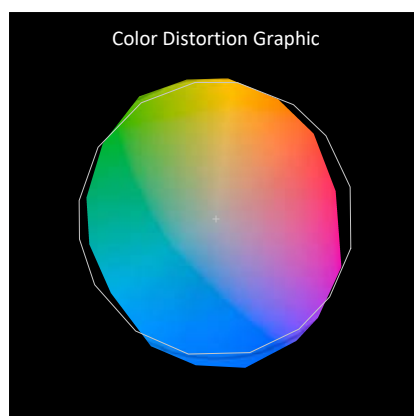
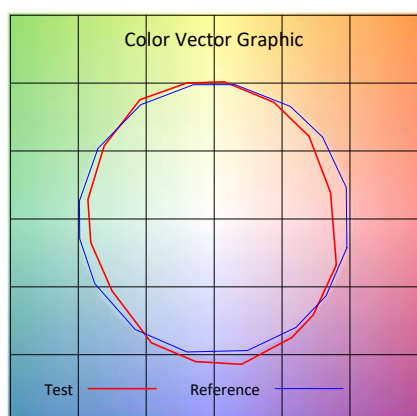
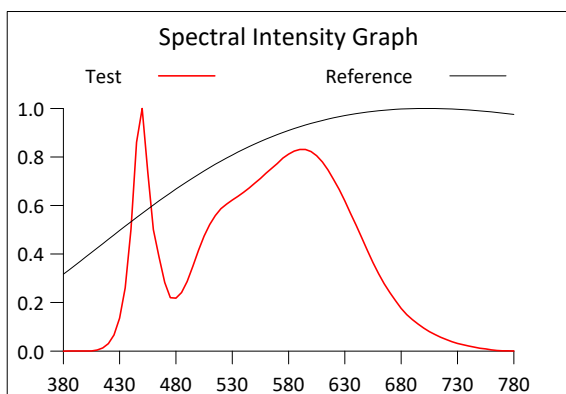
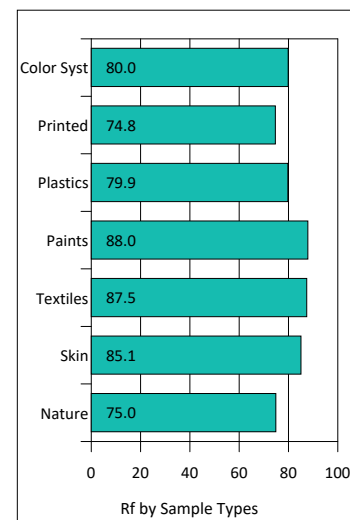
Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 388

Rf: 81.5 CCT(K): 4124 u': 0.2219
 Rg: 95.8 LER: 335.5 Duv: 0.0018 v': 0.3343

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.4	-12.1%	-1.5%
2	80.8	-8.0%	5.9%
3	73.8	-4.2%	11.9%
4	84.9	0.5%	8.2%
5	87.8	2.1%	4.8%
6	92.7	3.3%	-1.6%
7	90.9	-2.7%	-4.1%
8	88.2	-5.9%	-2.1%
9	85.9	-7.5%	4.2%
10	75.0	-7.7%	11.3%
11	73.9	1.6%	15.5%
12	81.2	5.7%	7.5%
13	84.4	9.0%	-6.2%
14	84.1	4.6%	-6.6%
15	74.8	-0.1%	-16.9%
16	74.3	-5.2%	-13.8%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x240DF2/14.4 13W

Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 388

