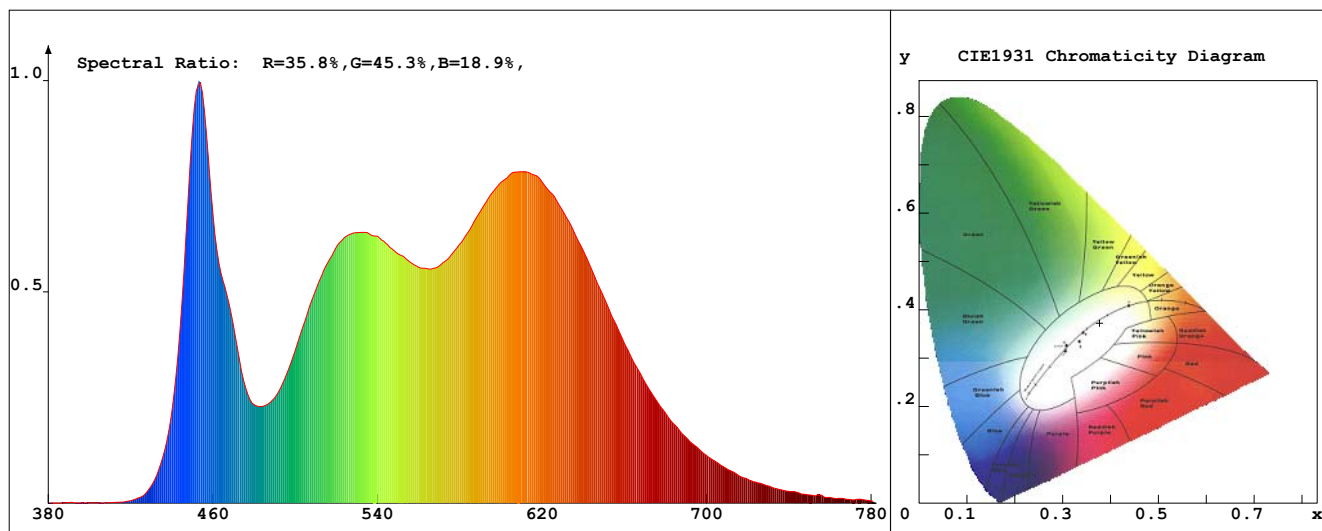


LED Test Report

Product Mark

Product Type : F52-40s-x240D22-C90 17.3W Manufacturer :
 Temperature : 'C Humidity : %
 Operator : Test Date : 2019-10-19
 Remark: Bin: 3NS1 Lotto: 348



Chroma Parameters

Chro.Coord.:x=0.3770 y=0.3724 u=0.2246 v=0.3328 duv=-0.0010
 CCT: 4064K Dominant Wave.:579.4nm Purity:24.9% Centre Wave:454.9nm
 Flux RGB Ratio:R=19.6%,G=77.7%,B=2.7% Peak Wave:452.4nm Half Width:21.3nm

Rendering Index:Ra= 94.2 CRI= 90.9

R1 =97	R2 =97	R3 =95	R4 =97	R5 =96	R6 =95	R7 =94	R8 =85
R9 =59	R10=90	R11=94	R12=69	R13=98	R14=96	R15=92	
PPF:37.262umol/s (400-700nm)			PRF:7.9mW (400-700nm)			PAR:6.9mW (400-700nm)	

Photo Parameters

Flux:2646.00lm Effi.:152.7lm/W Radiant:8102.8mW Iv:0.0mcd
 Scotopic Flux:4793.7Plm Effi.:0.0Plm/W S/P:1.8
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:38288.699umol/s (380-780nm)

Ele. Parameters

Forward Current:If=721.0mA Reverse Voltage:Vr=5.00V
 Forward Voltage:Vf=24.03V Reverse Current:Ir=0.00uA
 Power:P=17.320W

Instrument state

Instrument: -	Integral Time: 51.746ms	VPeak: 15608
VDark: 1239	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x240D22-C90 17.3W Manufacturer :

Temperature : 'C

Humidity : %

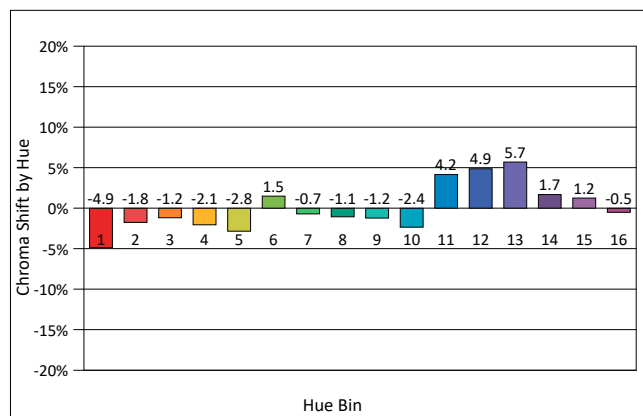
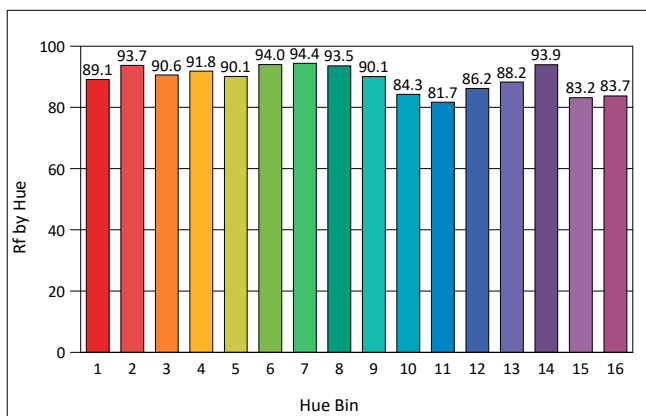
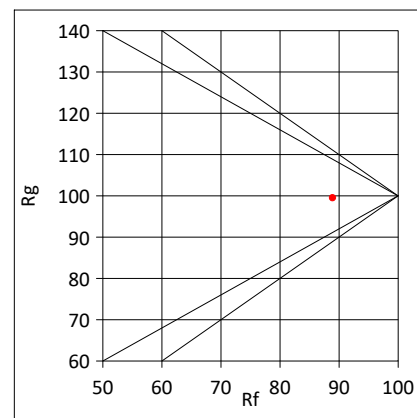
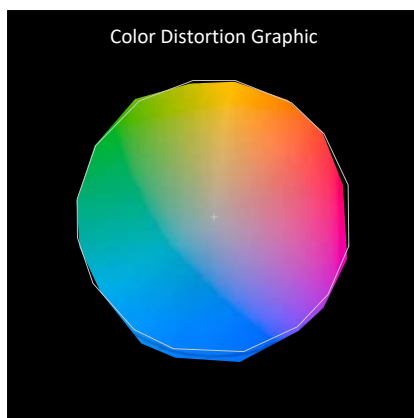
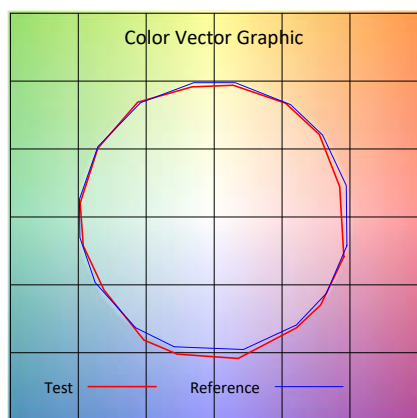
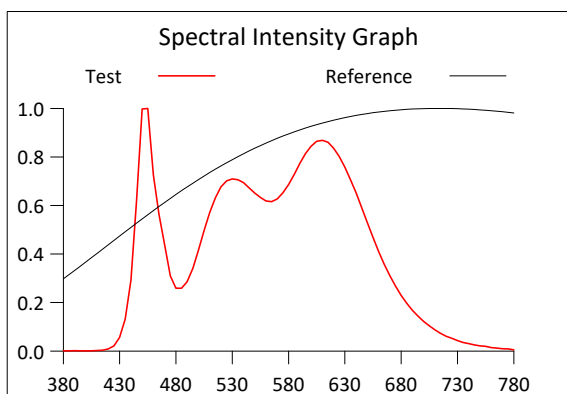
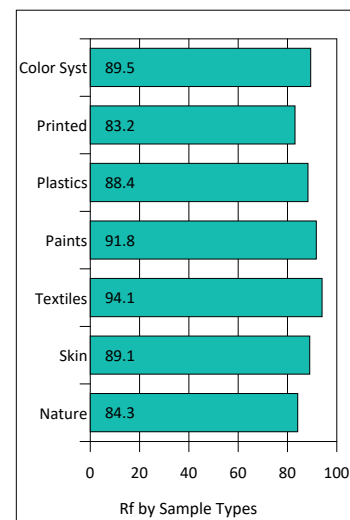
Operator :

Test Date : 2019-10-19

Remark: Bin: 3NS1 Lotto: 348

Rf: 88.9 CCT(K): 4064 u': 0.2246
Rg: 99.5 LER: 315.0 Duv: -0.0010 v': 0.3328

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.1	-4.9%	0.1%
2	93.7	-1.8%	1.6%
3	90.6	-1.2%	3.7%
4	91.8	-2.1%	1.2%
5	90.1	-2.8%	1.8%
6	94.0	1.5%	1.5%
7	94.4	-0.7%	1.0%
8	93.5	-1.1%	2.4%
9	90.1	-1.2%	6.5%
10	84.3	-2.4%	8.4%
11	81.7	4.2%	10.2%
12	86.2	4.9%	3.3%
13	88.2	5.7%	-5.0%
14	93.9	1.7%	-1.1%
15	83.2	1.2%	-9.6%
16	83.7	-0.5%	-8.6%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-40s-x240D22-C90 17.3W Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: 3NS1 Lotto: 348

