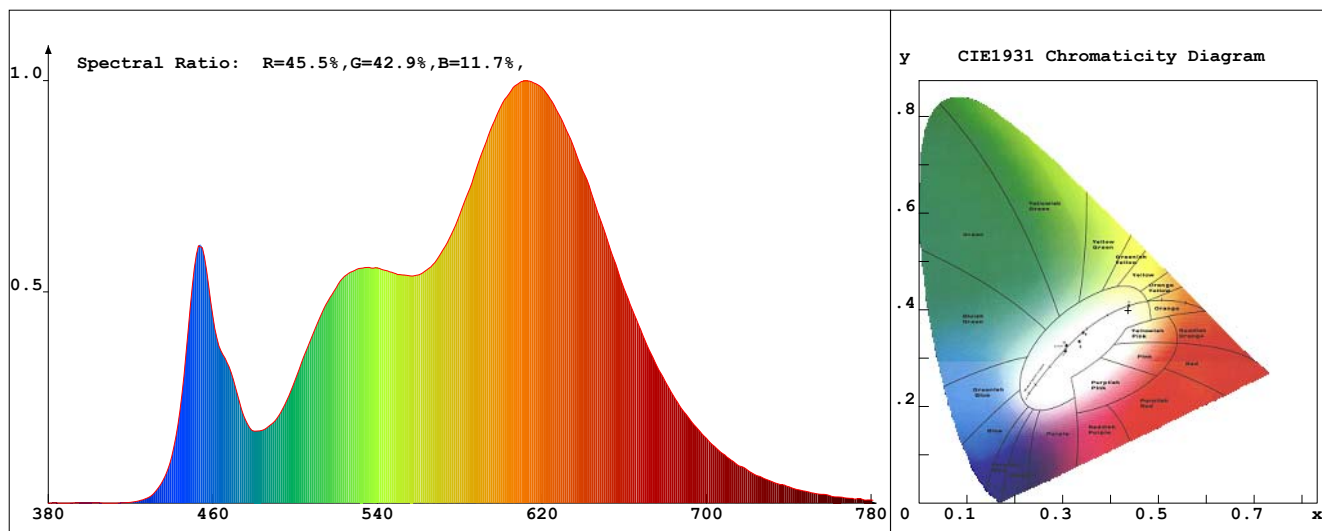


LED Test Report

Product Mark

Product Type : F52-30s-x240D22-C90 17.3W Manufacturer :
 Temperature : 'C Humidity : %
 Operator : Test Date : 2019-10-19
 Remark: Bin: 3WS Lotto: 348



Chroma Parameters

Chro.Coord.: $x=0.4365$ $y=0.3984$ $u=0.2527$ $v=0.3460$ $duv=-0.0022$
 CCT: 2961K Dominant Wave.: 583.8nm Purity: 50.6% Centre Wave: 588.7nm
 Flux RGB Ratio: R=24.4%, G=73.8%, B=1.8% Peak Wave: 611.6nm Half Width: 141.6nm

Rendering Index: Ra= 92.8 CRI= 90.5

R1 =96	R2 =98	R3 =98	R4 =96	R5 =96	R6 =95	R7 =88	R8 =75
R9 =44	R10=95	R11=96	R12=81	R13=97	R14=99	R15=88	
PPF: 36.406 $\mu\text{mol/s}$ (400-700nm)			PRF: 7.5mW (400-700nm)			PAR: 6.7mW (400-700nm)	

Photo Parameters

Flux: 2521.65lm Effi.: 145.5lm/W Radiant: 7730.4mW Iv: 0.0mcd
 Scotopic Flux: 3592.8Plm Effi.: 0.0Plm/W S/P: 1.4
 Efficiency: 0.00 Effi Level: A++ (EU 874-2012) Photon Flux: 37678.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=720.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$
 Forward Voltage: $V_f=24.07\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$
 Power: $P=17.330\text{W}$

Instrument state

Instrument: -	Integral Time: 57.811ms	VPeak: 13512
VDark: 1224	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-30s-x240D22-C90 17.3W Manufacturer :

Temperature : 'C

Humidity : %

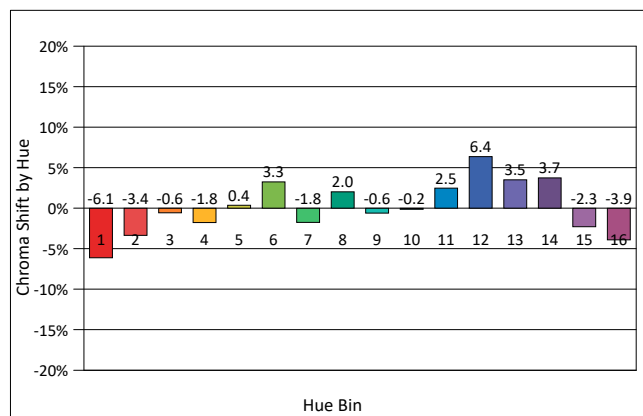
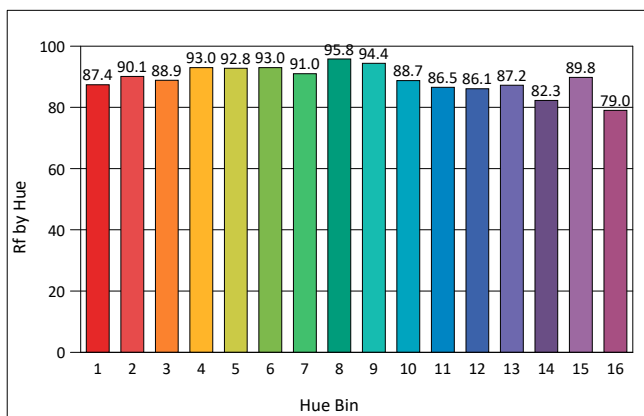
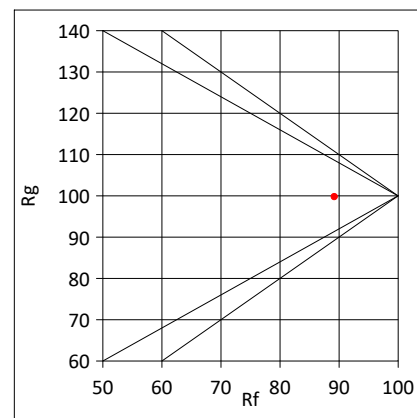
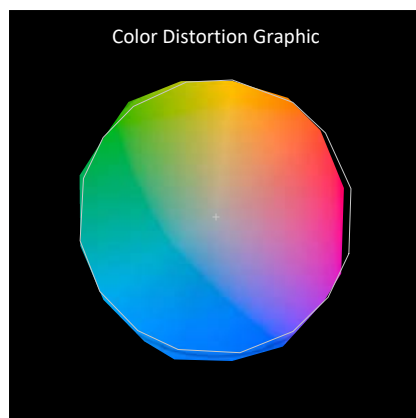
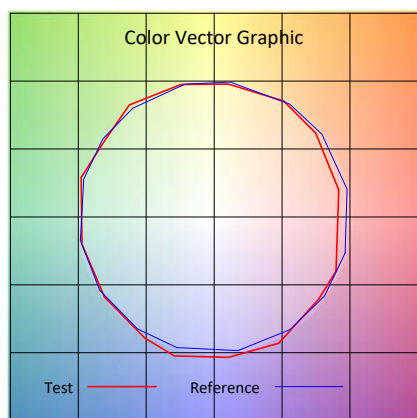
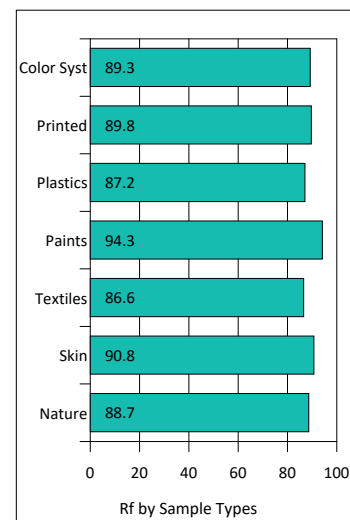
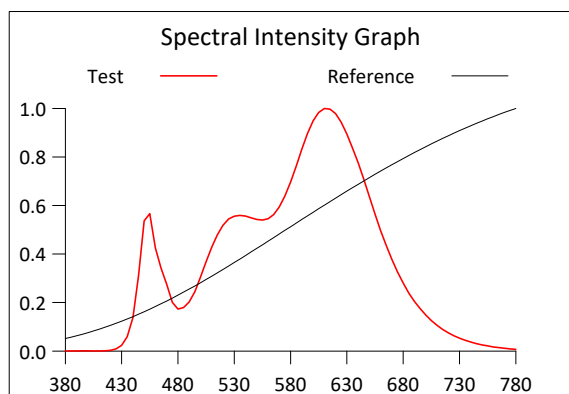
Operator :

Test Date : 2019-10-19

Remark: Bin: 3WS Lotto: 348

Rf: 89.2 CCT(K): 2961 u': 0.2527
Rg: 99.8 LER: 316.4 Duv: -0.0022 v': 0.3460

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.4	-6.1%	0.6%
2	90.1	-3.4%	3.3%
3	88.9	-0.6%	4.9%
4	93.0	-1.8%	0.9%
5	92.8	0.4%	2.9%
6	93.0	3.3%	0.8%
7	91.0	-1.8%	-1.1%
8	95.8	2.0%	-0.8%
9	94.4	-0.6%	2.8%
10	88.7	-0.2%	6.2%
11	86.5	2.5%	8.2%
12	86.1	6.4%	-0.6%
13	87.2	3.5%	-7.8%
14	82.3	3.7%	-12.5%
15	89.8	-2.3%	-4.3%
16	79.0	-3.9%	-14.4%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-30s-x240D22-C90 17.3W Manufacturer :

Temperature : 'C

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Operator :

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Remark: Bin: 3WS Lotto: 348

