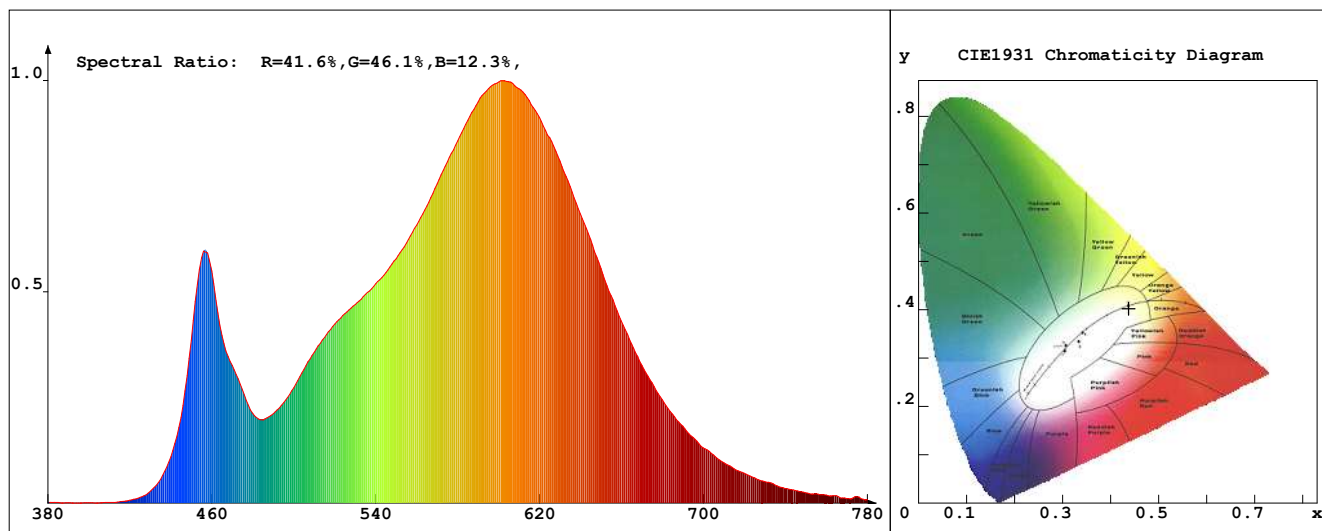


LED Test Report

Product Mark

Product Type : FF52-30s-240DF2-14.4 13W Manufacturer :
 Temperature : 'C Humidity : %
 Operator : Test Date : 15-04-21 15:51:26
 Remark: BIN CT STEP3 LOTTO 443



Chroma Parameters

Chro.Coord.: $x=0.4375$ $y=0.4020$ $u=0.2518$ $v=0.3471$ $duv=-0.0009$
 CCT: 2974K Dominant Wave.: 583.3nm Purity: 52.0% Centre Wave: 594.9nm
 Flux RGB Ratio: $R=22.0\%$, $G=76.1\%$, $B=1.9\%$ Peak Wave: 600.7nm Half Width: 116.7nm

Rendering Index: $R_a=80.6$ CRI= 78.0

$R_1=79$	$R_2=92$	$R_3=94$	$R_4=77$	$R_5=80$	$R_6=90$	$R_7=80$	$R_8=54$
$R_9=-1$	$R_{10}=80$	$R_{11}=75$	$R_{12}=68$	$R_{13}=82$	$R_{14}=98$	$R_{15}=71$	
PPF: 20.373 $\mu\text{mol/s}$ (400-700nm)				PRF: 4.2mW (400-700nm)		PAR: 3.8mW (400-700nm)	

Photo Parameters

Flux: 1515.17lm Effi.: 116.7lm/W Radiant: 4337.4mW Iv: 0.0mcd
 Scotopic Flux: 2030.5Plm Effi.: 0.0Plm/W S/P: 1.3
 Efficiency: 0.00 Effi Level: A++ (EU 874-2012) Photon Flux: 21040.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=546.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$
 Forward Voltage: $V_f=23.79\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$
 Power: $P=13.020\text{W}$

Instrument state

Instrument: Lisun	Integral Time: 99.064ms	VPeak: 14968
VDark: 1432	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : FF52-30s-240DF2-14.4 13W Manufacturer :

Temperature : °C

Humidity : %

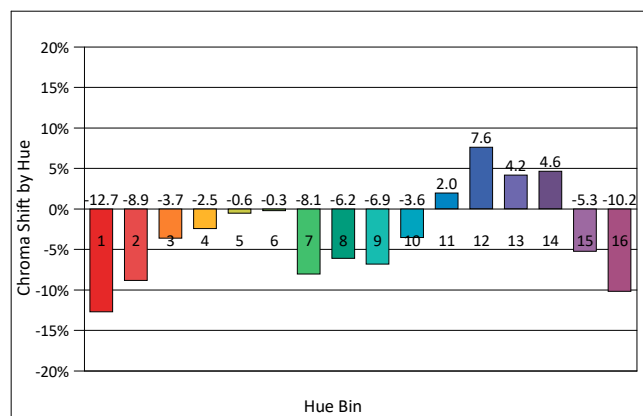
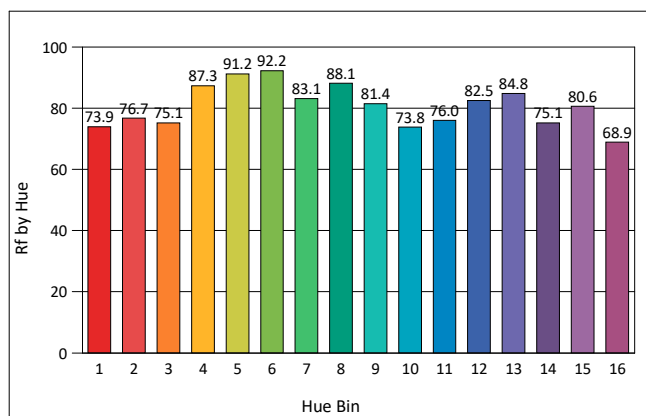
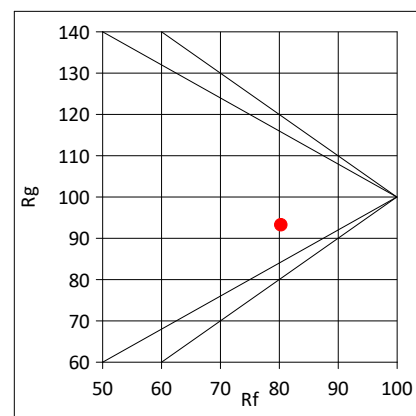
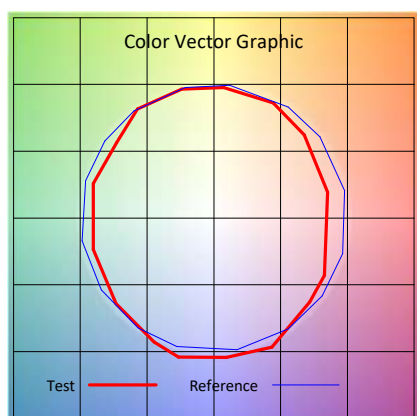
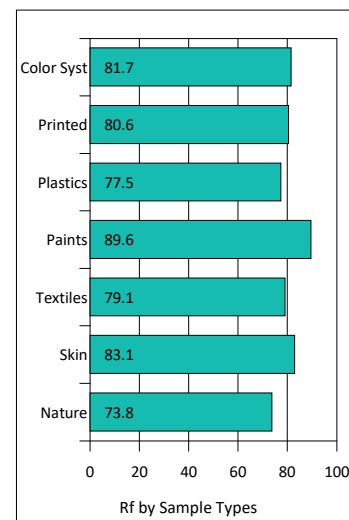
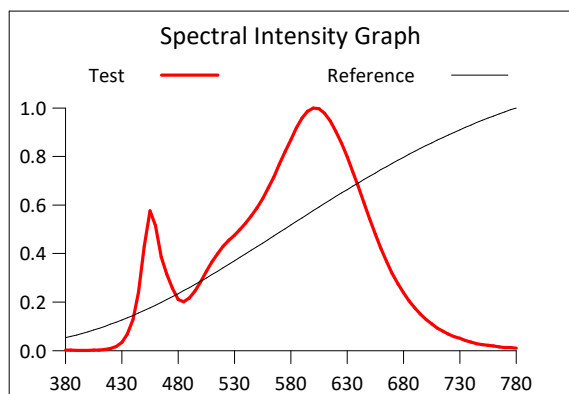
Operator :

Test Date : 15-04-21 15:51:26

Remark: BIN CT STEP3 LOTTO 443

Rf: 80.3 CCT(K): 2974 u': 0.2518
Rg: 93.2 LER: 335.0 Duv: -0.0009 v': 0.3471

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	73.9	-12.7%	1.4%
2	76.7	-8.9%	7.6%
3	75.1	-3.7%	11.1%
4	87.3	-2.5%	4.3%
5	91.2	-0.6%	2.8%
6	92.2	-0.3%	-2.9%
7	83.1	-8.1%	-3.9%
8	88.1	-6.2%	1.2%
9	81.4	-6.9%	7.9%
10	73.8	-3.6%	14.7%
11	76.0	2.0%	15.9%
12	82.5	7.6%	2.6%
13	84.8	4.2%	-8.9%
14	75.1	4.6%	-17.5%
15	80.6	-5.3%	-9.0%
16	68.9	-10.2%	-18.8%



IES TM-30-2015 Test Report

Product Mark

Product Type : FF52-30s-240DF2-14.4 13W Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:51:26

Remark: BIN CT STEP3 LOTTO 443

