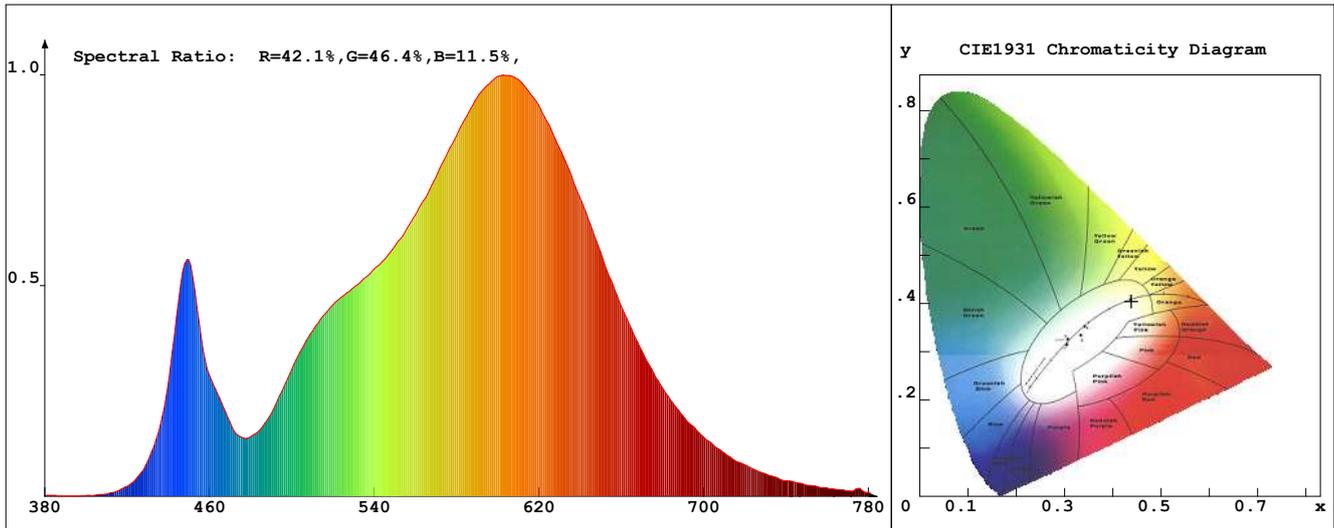


# LED Test Report

## Product Mark

Product Type : F52-30s-060821  
 Temperature : 'C  
 Operator :  
 Remark: BIN 3WS LOTTO 443

Manufacturer :  
 Humidity : %  
 Test Date : 02-09-21 15:30:25



## Chroma Parameters

Chro.Coor.:  $x=0.4386$   $y=0.4043$   $u=0.2515$   $v=0.3478$   $duv=-0.0001$   
 CCT: 2974K Dominant Wave.: 583.0nm Purity: 53.0% Centre Wave: 592.8nm  
 Flux RGB Ratio: R=22.0%, G=76.6%, B=1.4% Peak Wave: 600.7nm Half Width: 124.6nm

## Rendering Index: Ra= 81.5 CRI= 78.6

R1 =79	R2 =89	R3 =97	R4 =80	R5 =80	R6 =87	R7 =82	R8 =57
R9 =2	R10=76	R11=80	R12=70	R13=81	R14=99	R15=72	
PPF: 19.709 $\mu\text{mol/s}$ (400-700nm)			PRF: 4.1 $\text{mW}$ (400-700nm)			PAR: 3.6 $\text{mW}$ (400-700nm)	

## Photo Parameters

Flux: 1467.25lm      Effi.: 112.9lm/W      Radiant: 4200.5mW      Iv: 0.0mcd  
 Scotopic Flux: 1917.1Plm      Effi.: 0.0Plm/W      S/P: 1.3  
 Efficiency: 0.00      Effi Level: A++ (EU 874-2012)      Photon Flux: 20391.301  $\mu\text{mol/s}$  (380-780nm)

## Ele. Parameters

Forward Current:  $I_f=1091.0\text{mA}$       Reverse Voltage:  $V_r=5.00\text{V}$   
 Forward Voltage:  $V_f=11.91\text{V}$       Reverse Current:  $I_r=0.00\mu\text{A}$   
 Power:  $P=13.011\text{W}$

## Instrument state

Instrument: Lisun      Integral Time: 100.478ms      VPeak: 14296  
 VDark: 1274      Scan Range: 380-780nm      Product ID: 201508924

# IES TM-30-2015 Test Report

## Product Mark

Product Type : F52-30s-060821

Temperature : 'C

Operator :

Remark: BIN 3WS LOTTO 443

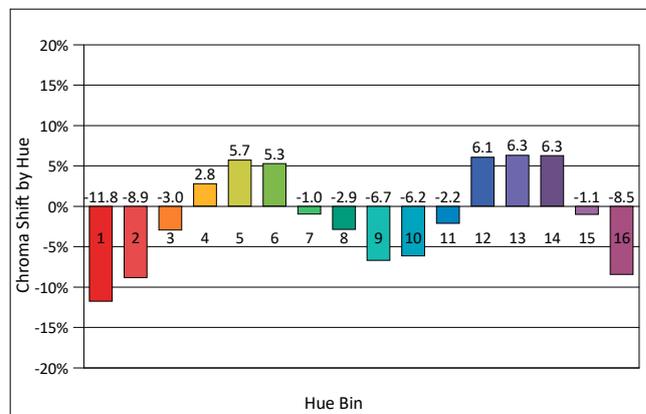
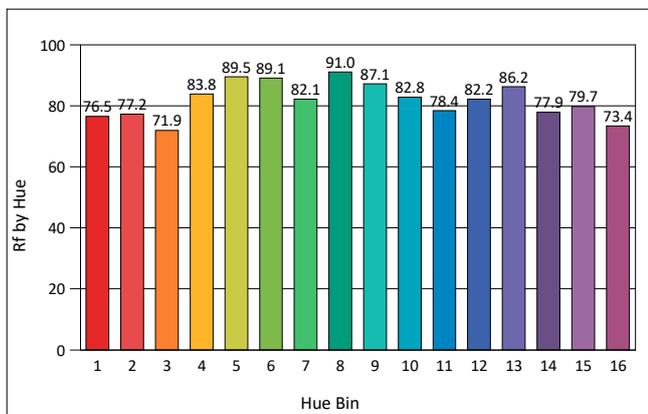
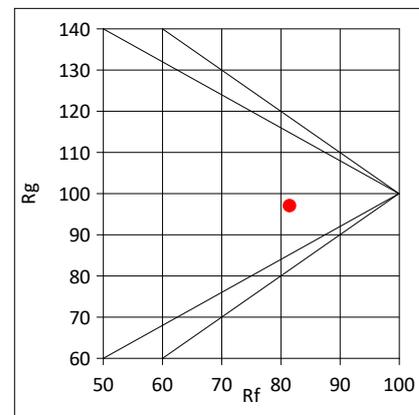
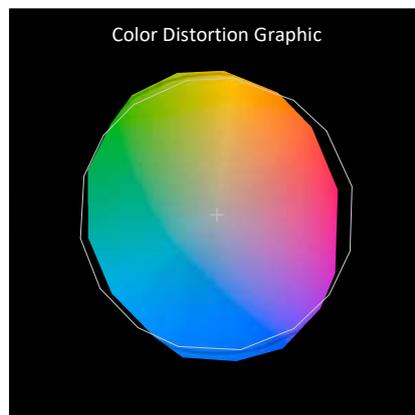
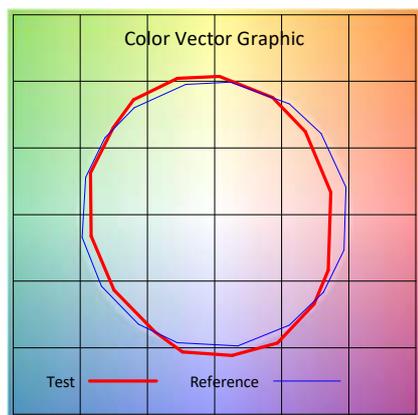
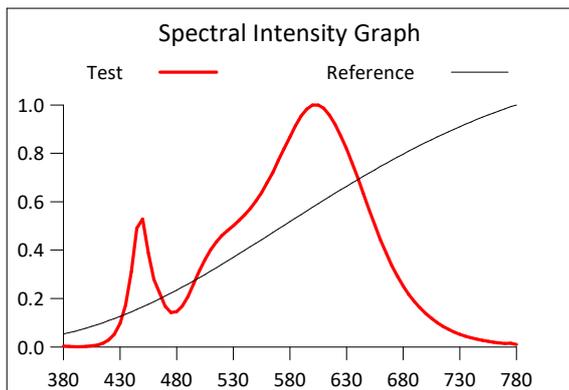
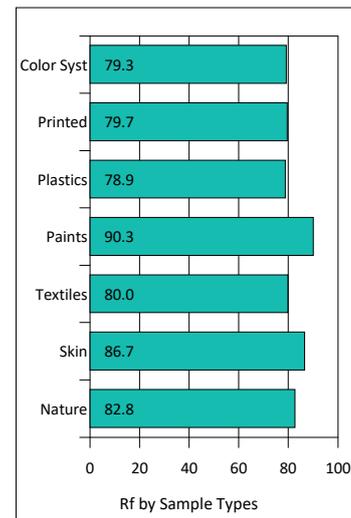
Manufacturer :

Humidity : %

Test Date : 02-09-21 15:30:25

Rf: 81.5      CCT(K): 2974      u': 0.2515  
 Rg: 97.0      LER: 334.0      Duv: -0.0001      v': 0.3478

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.5	-11.8%	-1.5%
2	77.2	-8.9%	7.7%
3	71.9	-3.0%	13.0%
4	83.8	2.8%	8.8%
5	89.5	5.7%	5.3%
6	89.1	5.3%	-2.9%
7	82.1	-1.0%	-9.9%
8	91.0	-2.9%	-3.8%
9	87.1	-6.7%	0.2%
10	82.8	-6.2%	7.4%
11	78.4	-2.2%	13.4%
12	82.2	6.1%	5.1%
13	86.2	6.3%	-5.5%
14	77.9	6.3%	-14.8%
15	79.7	-1.1%	-11.2%
16	73.4	-8.5%	-17.0%



# IES TM-30-2015 Test Report

## Product Mark

Product Type : F52-30s-060821

Manufacturer :

Temperature : 'C

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