

LED Test Report

Product Mark

Product Type : F52-290-240DF2 17.3W

Manufacturer :

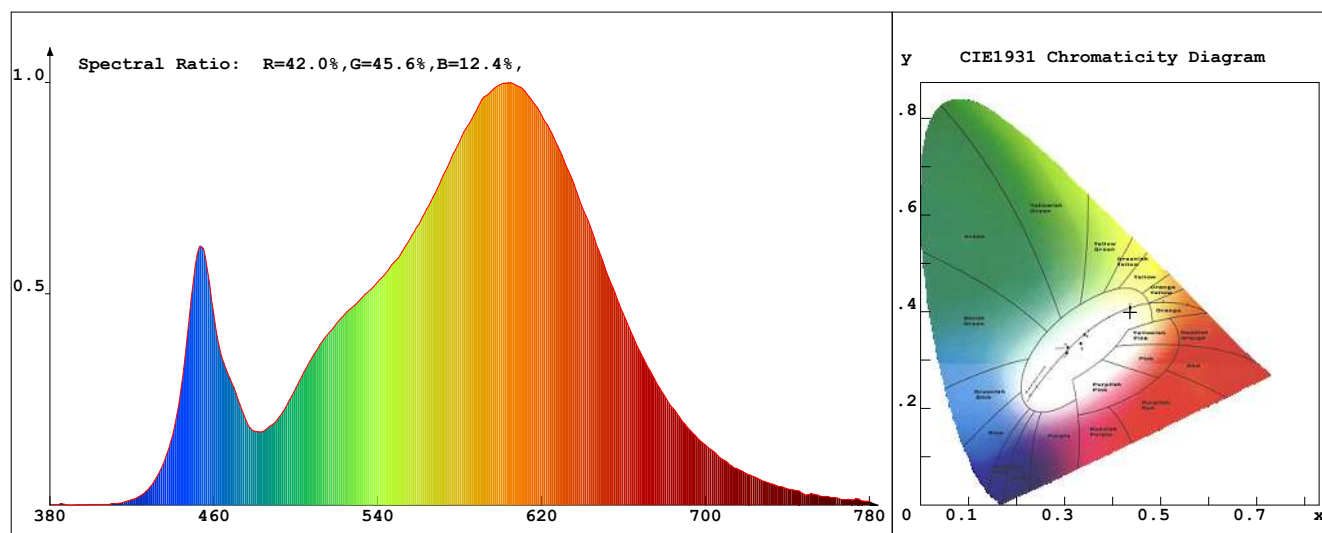
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:16:27

Remark: BIN R30C LOTTO 413



Chroma Parameters

Chro.Coord.: $x=0.4361$ $y=0.3988$ $u=0.2523$ $v=0.3461$ $duv=-0.0020$

CCT: 2970K Dominant Wave.: 583.7nm Purity: 50.6% Centre Wave: 594.3nm

Flux RGB Ratio: $R=22.1\%$, $G=76.2\%$, $B=1.7\%$ Peak Wave: 600.7nm Half Width: 121.5nm

Rendering Index: $R_a=81.2$ CRI= 78.5

$R_1=80$	$R_2=91$	$R_3=96$	$R_4=78$	$R_5=80$	$R_6=89$	$R_7=81$	$R_8=56$
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$R_9=2$	$R_{10}=79$	$R_{11}=77$	$R_{12}=69$	$R_{13}=82$	$R_{14}=98$	$R_{15}=72$	
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PPF: 27.255 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.7mW (400-700nm)

PAR: 5.0mW (400-700nm)

Photo Parameters

Flux: 2007.25lm Effi.: 115.9lm/W Radiant: 5810.6mW Iv: 0.0mcd

Scotopic Flux: 2667.0Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 28196.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=727.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.82\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.320\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 65.614ms

VPeak: 13288

VDark: 1427

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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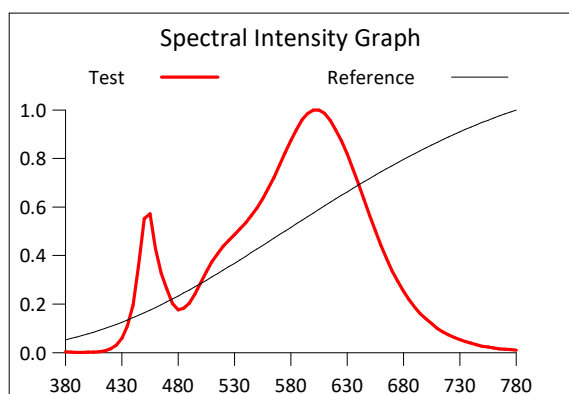
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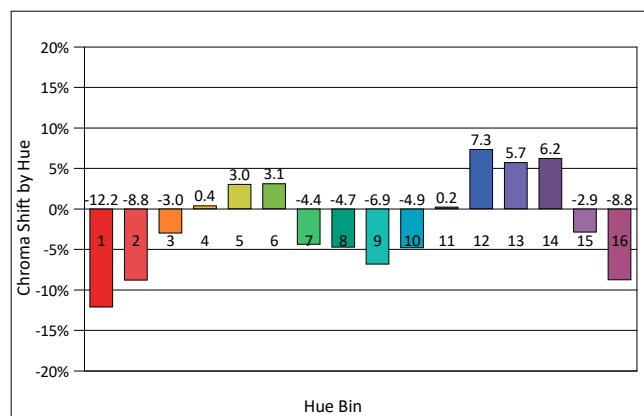
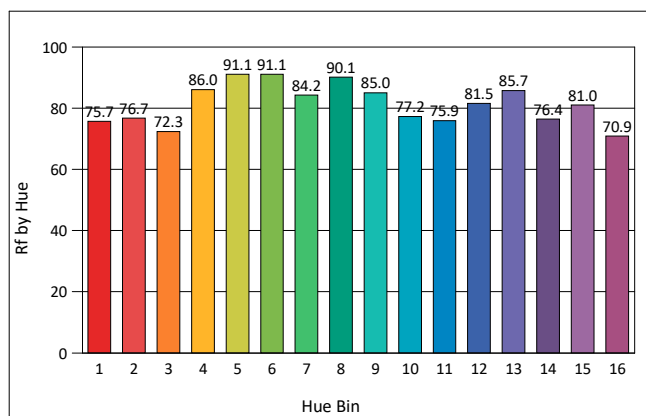
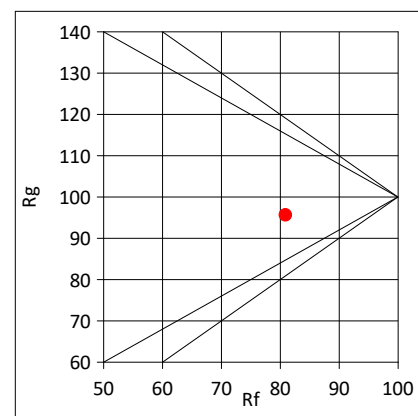
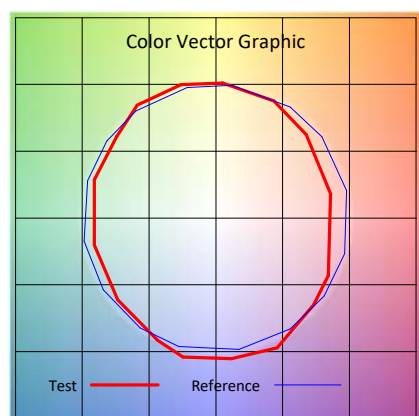
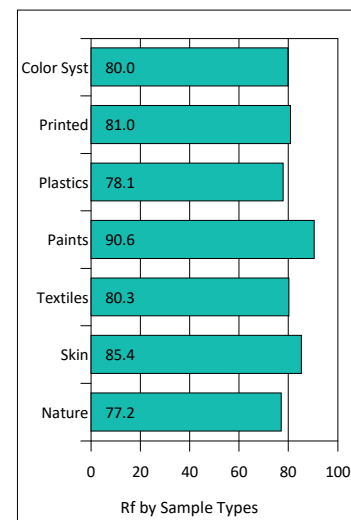
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Rf: 80.9 CCT(K): 2970 u': 0.2523
 Rg: 95.6 LER: 331.4 Duv: -0.0020 v': 0.3461



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.7	-12.2%	0.1%
2	76.7	-8.8%	7.9%
3	72.3	-3.0%	12.7%
4	86.0	0.4%	6.9%
5	91.1	3.0%	4.2%
6	91.1	3.1%	-3.2%
7	84.2	-4.4%	-7.0%
8	90.1	-4.7%	-1.7%
9	85.0	-6.9%	4.4%
10	77.2	-4.9%	12.1%
11	75.9	0.2%	15.8%
12	81.5	7.3%	4.6%
13	85.7	5.7%	-6.8%
14	76.4	6.2%	-16.0%
15	81.0	-2.9%	-10.1%
16	70.9	-8.8%	-18.4%



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